

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066552.D
 Acq On : 03 Sep 2020 23:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 4:55:07 PM

Quant Time: Sep 04 06:28:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	324849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	574831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	546646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	221536	56.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.74%	
35) Dibromofluoromethane	7.91	113	203641	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	10.33	98	762922	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
62) 4-Bromofluorobenzene	12.63	95	258844	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	127465	47.305	ug/l	93
3) Chloromethane	2.20	50	208560	50.767	ug/l	97
4) Vinyl Chloride	2.35	62	217068	47.639	ug/l	100
5) Bromomethane	2.77	94	161652	56.729	ug/l #	81
6) Chloroethane	2.92	64	144084	49.785	ug/l	96
7) Trichlorofluoromethane	3.27	101	299416	44.482	ug/l	98
8) Diethyl Ether	3.71	74	89575	52.847	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	162525	44.613	ug/l	98
10) Methyl Iodide	4.30	142	164382	49.512	ug/l	99
11) Tert butyl alcohol	5.21	59	60286	244.168	ug/l	98
12) 1,1-Dichloroethene	4.06	96	157303	48.063	ug/l	86
13) Acrolein	3.92	56	36467	226.917	ug/l	92
14) Allyl chloride	4.71	41	272989	50.894	ug/l	100
15) Acrylonitrile	5.42	53	198993	273.294	ug/l	99
16) Acetone	4.16	43	163001	225.396	ug/l	93
17) Carbon Disulfide	4.40	76	525707	48.860	ug/l	98
18) Methyl Acetate	4.71	43	104204	60.446	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	418154	54.483	ug/l	97
20) Methylene Chloride	4.97	84	214916	55.223	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	199432	51.314	ug/l	98
22) Diisopropyl ether	6.36	45	622139	56.402	ug/l	98
23) Vinyl Acetate	6.30	43	1722722	274.449	ug/l	98
24) 1,1-Dichloroethane	6.26	63	358240	51.646	ug/l	100
25) 2-Butanone	7.21	43	252178	259.767	ug/l	92
26) 2,2-Dichloropropane	7.20	77	282347	44.375	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	226297	54.145	ug/l	96
28) Bromochloromethane	7.54	49	152052	56.938	ug/l	99
29) Tetrahydrofuran	7.56	42	171189	283.146	ug/l	98
30) Chloroform	7.71	83	389849	53.125	ug/l	95
31) Cyclohexane	7.98	56	288939	45.062	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	328531	47.617	ug/l	99
36) 1,1-Dichloropropene	8.11	75	277894	46.453	ug/l	99
37) Ethyl Acetate	7.29	43	120937	50.769	ug/l	99
38) Carbon Tetrachloride	8.09	117	292378	46.239	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	303126	45.378	ug/l	99
40) Benzene	8.34	78	805006	49.133	ug/l	100
41) Methacrylonitrile	7.52	41	68142	59.095	ug/l #	66
42) 1,2-Dichloroethane	8.42	62	258852	48.762	ug/l	100
43) Isopropyl Acetate	8.45	43	234677	51.407	ug/l	98
44) Trichloroethene	9.11	130	209212	48.680	ug/l	100
45) 1,2-Dichloropropane	9.38	63	209114	50.752	ug/l	99
46) Dibromomethane	9.47	93	114885	50.539	ug/l	98
47) Bromodichloromethane	9.66	83	298771	48.579	ug/l	97
48) Methyl methacrylate	9.45	41	111296	48.215	ug/l	95
49) 1,4-Dioxane	9.45	88	24837	995.916	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	610958	265.371	ug/l	98
52) Toluene	10.40	92	531486	51.246	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	276102	50.855	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	326100	50.016	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	149233	51.059	ug/l	96
56) Ethyl methacrylate	10.66	69	187110	54.982	ug/l	96
57) 1,3-Dichloropropane	10.94	76	268581	52.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	402341	258.480	ug/l	99
59) 2-Hexanone	10.98	43	409732	264.644	ug/l	99
60) Dibromochloromethane	11.14	129	197771	51.170	ug/l	99
61) 1,2-Dibromoethane	11.24	107	143040	50.304	ug/l	97
64) Tetrachloroethene	10.87	164	165957	45.090	ug/l	96
65) Chlorobenzene	11.67	112	542413	48.076	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	207144	48.107	ug/l	99
67) Ethyl Benzene	11.74	91	994148	47.988	ug/l	97
68) m/p-Xylenes	11.85	106	756665	98.369	ug/l	99
69) o-Xylene	12.18	106	339101	49.190	ug/l	98
70) Styrene	12.20	104	612048	51.069	ug/l	99
71) Bromoform	12.36	173	105724	48.719	ug/l #	99
73) Isopropylbenzene	12.48	105	927458	48.094	ug/l	100
74) N-amyl acetate	12.29	43	210604	48.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	160588	47.136	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	106434m	42.490	ug/l	
77) Bromobenzene	12.76	156	210937	49.063	ug/l	99
78) n-propylbenzene	12.82	91	1135345	48.566	ug/l	99
79) 2-Chlorotoluene	12.91	91	639673	48.775	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	790651	48.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	50523	47.088	ug/l	97
82) 4-Chlorotoluene	13.01	91	682586	48.671	ug/l	99
83) tert-Butylbenzene	13.23	119	634444	47.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	806988	49.938	ug/l	98
85) sec-Butylbenzene	13.40	105	893866	46.809	ug/l	99
86) p-Isopropyltoluene	13.52	119	829629	48.269	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	410186	48.058	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	400023	46.695	ug/l	98
89) n-Butylbenzene	13.85	91	793068	47.350	ug/l	99
90) Hexachloroethane	14.11	117	171220	46.233	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	353299	47.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27004	46.660	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	215964	48.235	ug/l	99
94) Hexachlorobutadiene	15.27	225	115594	42.974	ug/l	96
95) Naphthalene	15.41	128	402011	51.383	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	192155	50.339	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

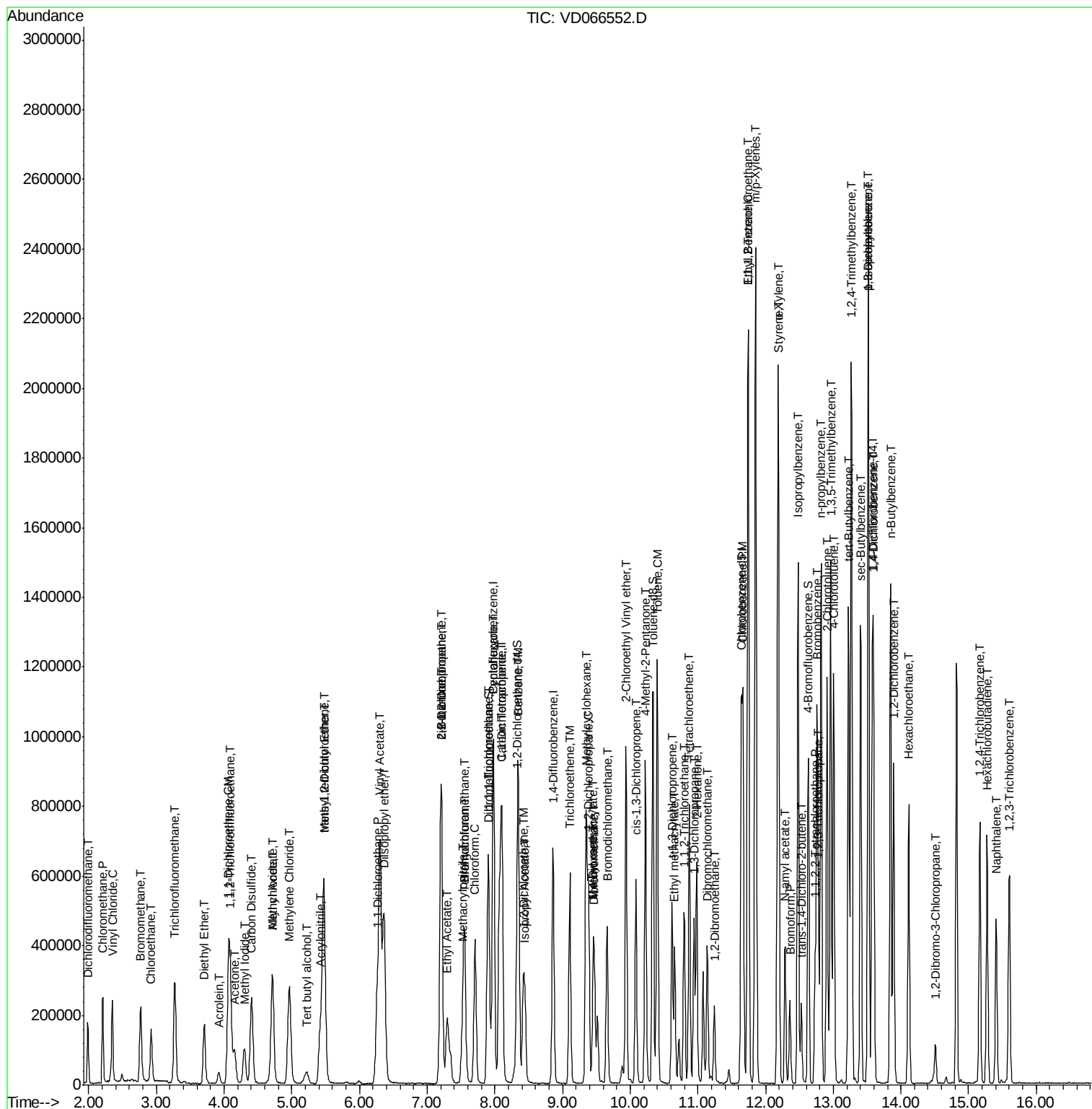
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090320\
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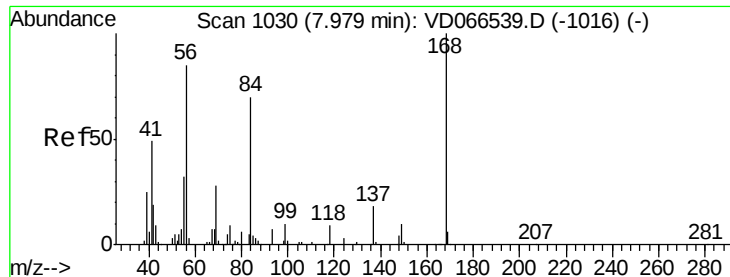
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 324849

Ion Ratio Lower Upper

168 100

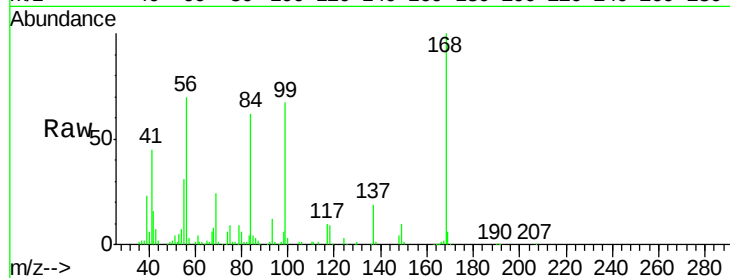
99 66.5 50.5 75.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

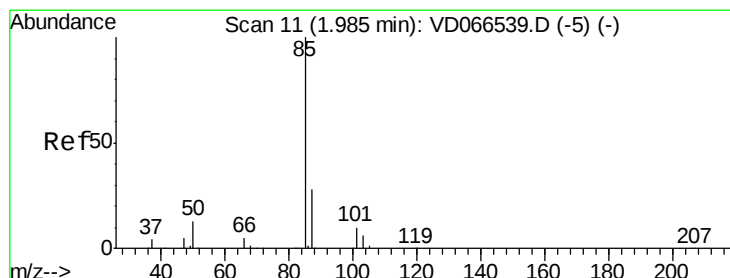
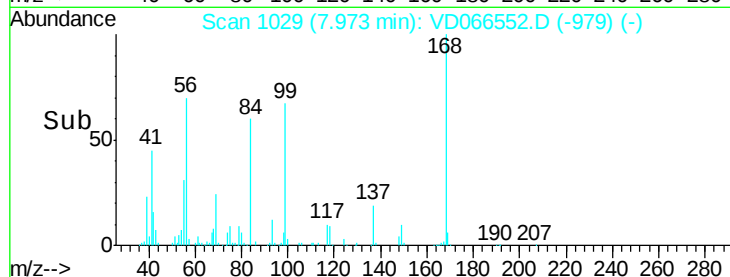
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50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 47.305 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066552.D

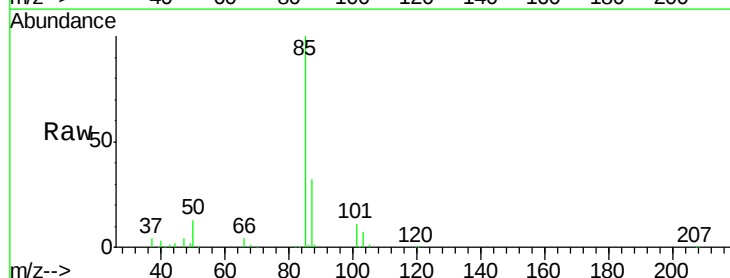
Acq: 03 Sep 2020 23:40

Tgt Ion: 85 Resp: 127465

Ion Ratio Lower Upper

85 100

87 32.1 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

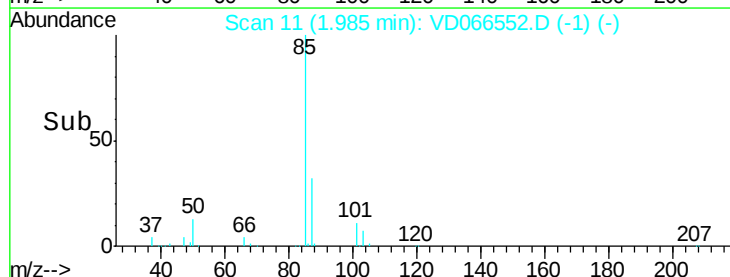
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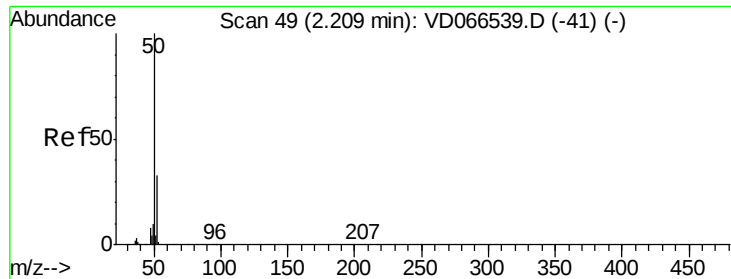
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0

1.90 1.95 2.00 2.05 2.10

Time-->





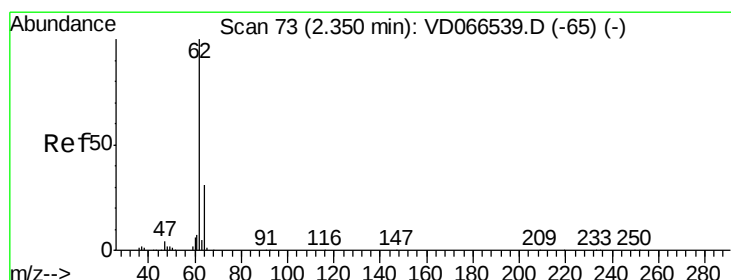
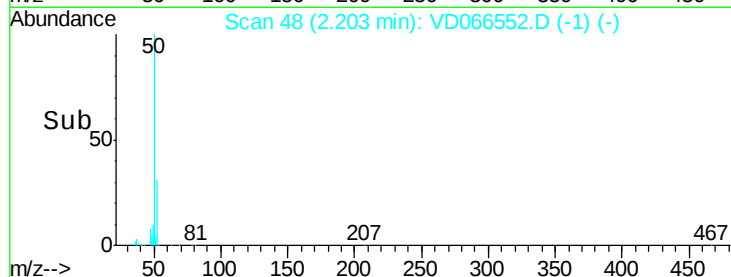
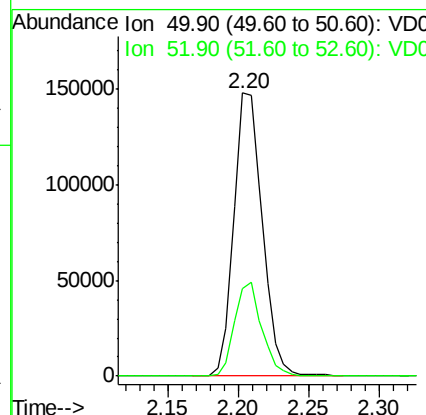
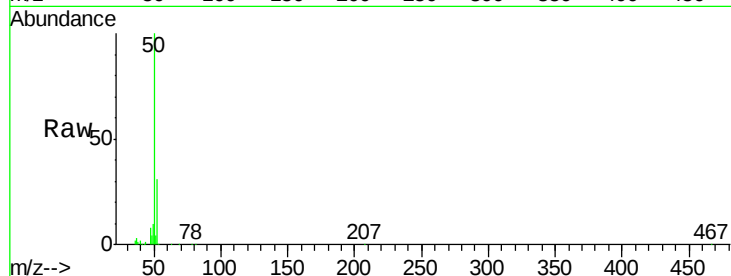
#3
Chloromethane
Concen: 50.767 ug/l
RT: 2.20 min Scan# 48
Delta R.T. -0.01 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 50 Resp: 208560
Ion Ratio Lower Upper
50 100
52 30.9 26.2 39.2

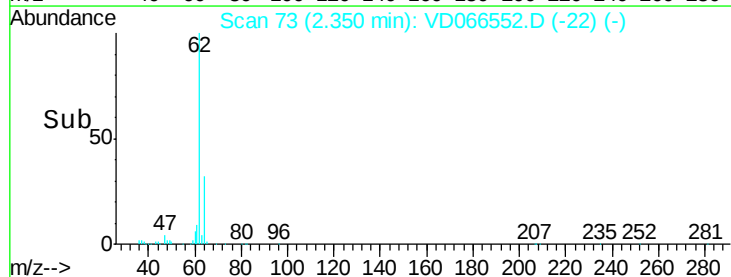
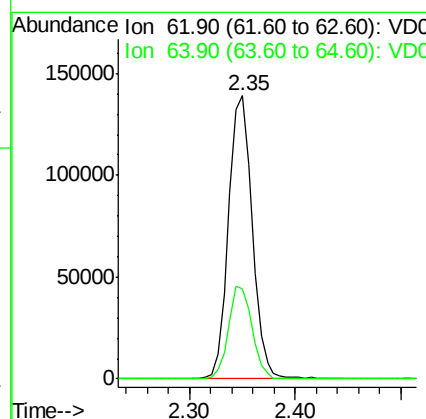
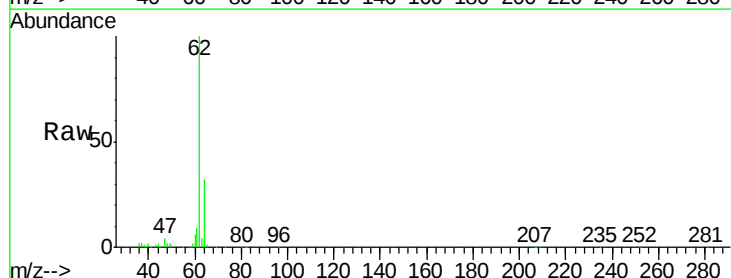
Manual Integrations
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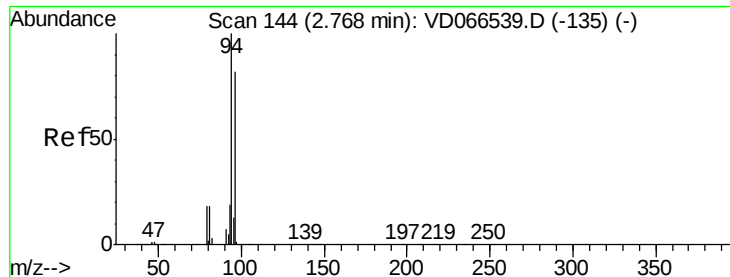
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#4
Vinyl Chloride
Concen: 47.639 ug/l
RT: 2.35 min Scan# 73
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion: 62 Resp: 217068
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9





#5

Bromomethane

Concen: 56.729 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 161652

Ion Ratio Lower Upper

94 100

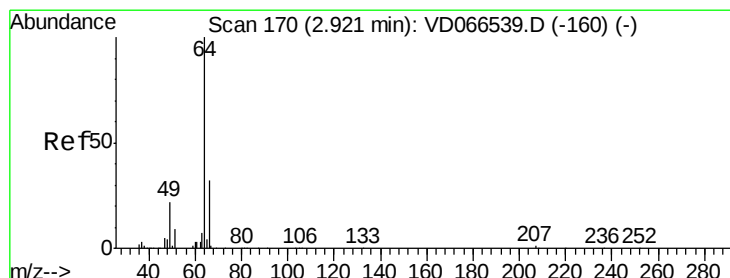
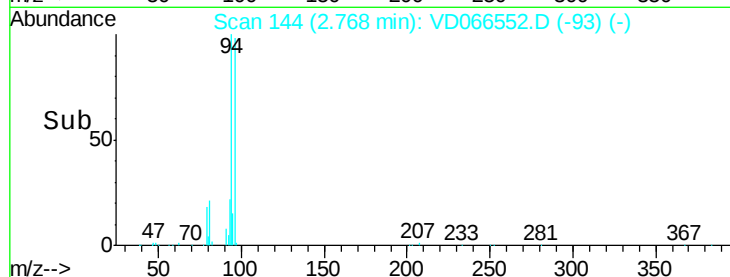
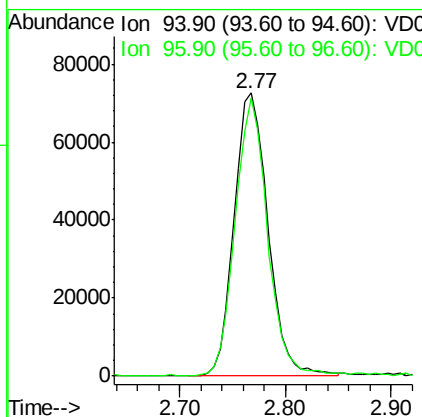
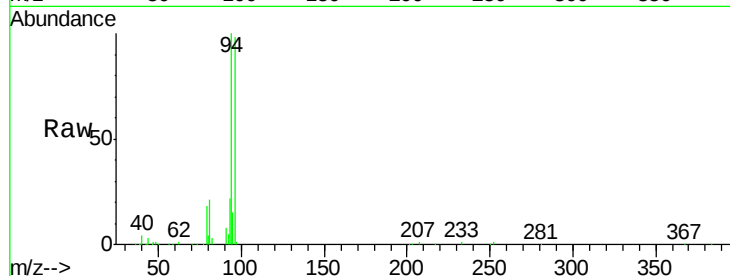
96 98.5 65.2 97.8#

Manual Integrations

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#6

Chloroethane

Concen: 49.785 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066552.D

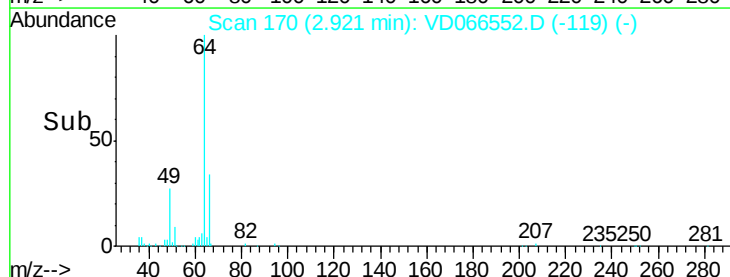
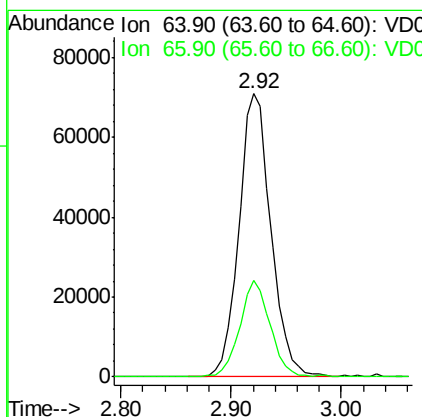
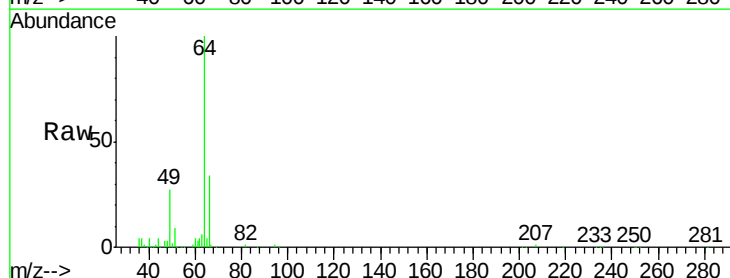
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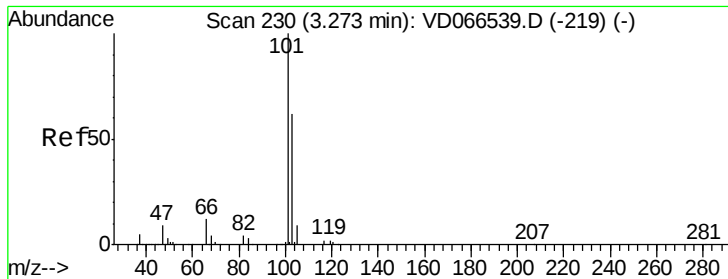
Tgt Ion: 64 Resp: 144084

Ion Ratio Lower Upper

64 100

66 34.2 25.4 38.0





#7

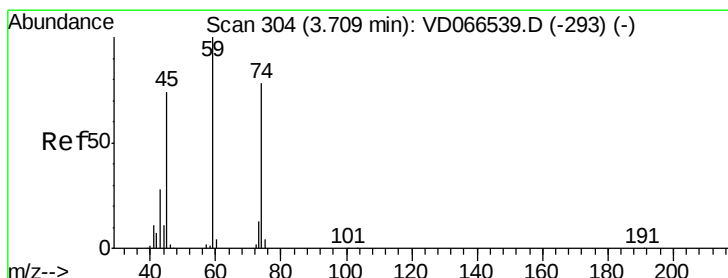
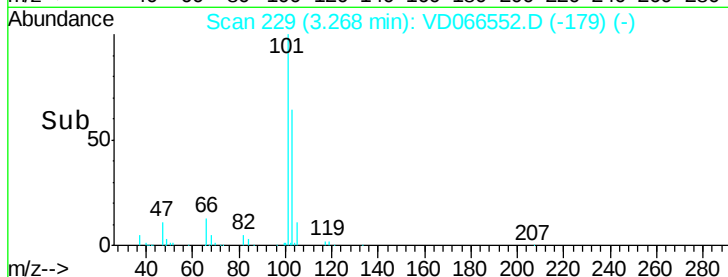
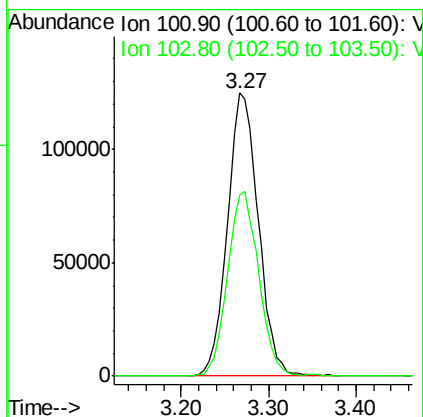
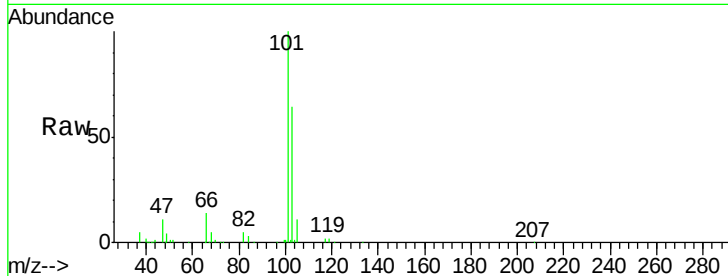
Trichlorofluoromethane
Concen: 44.482 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066552.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	299416		
103	63.7	49.7	74.5	

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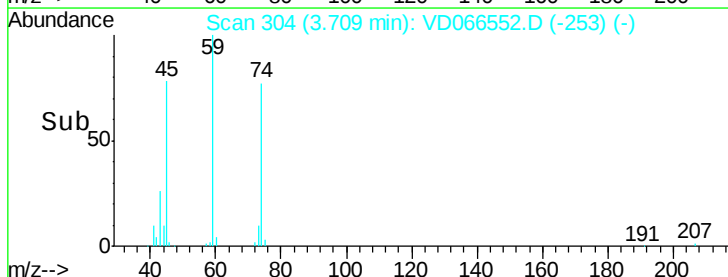
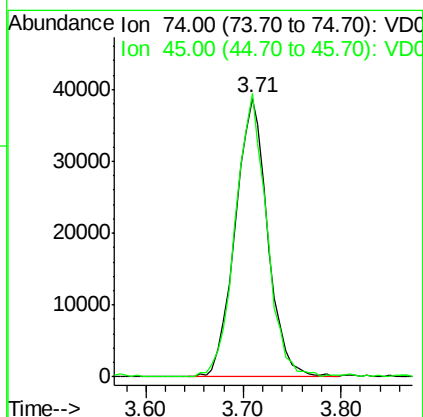
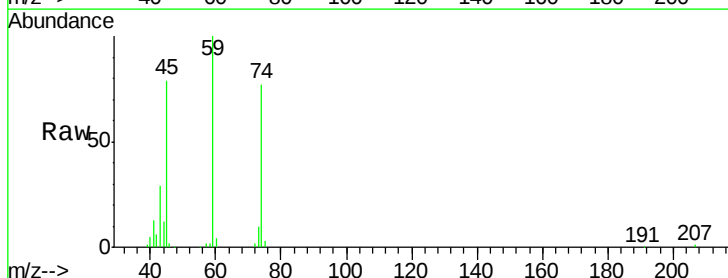
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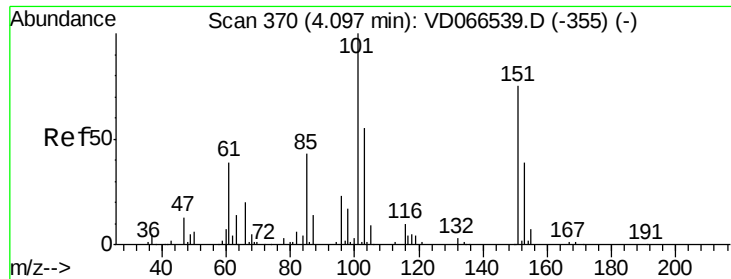


#8

Diethyl Ether
Concen: 52.847 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066552.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	89575		
45	98.4	49.7	149.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.613 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

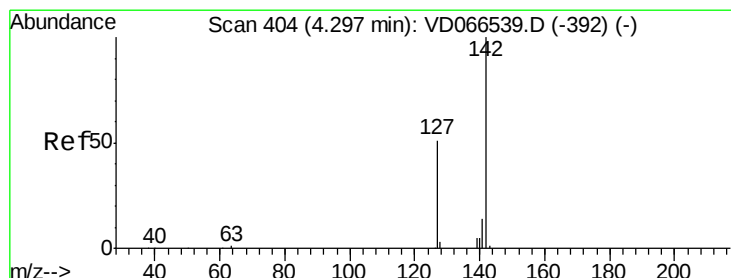
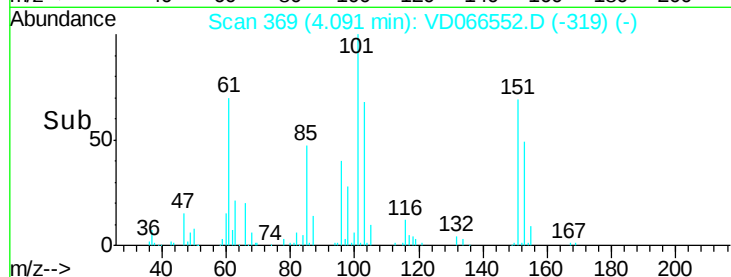
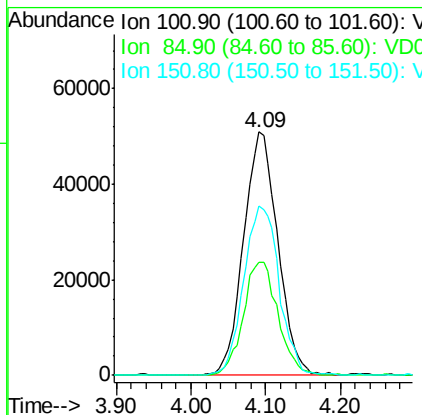
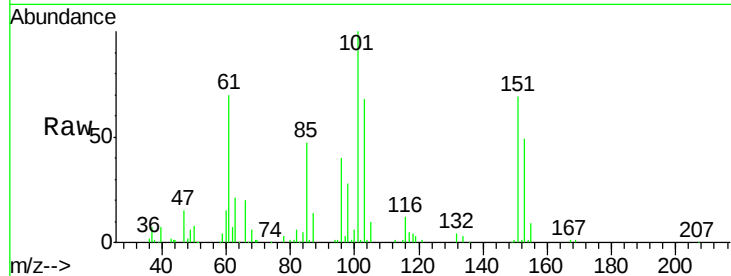
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	162525
Ion Ratio	Lower	Upper	
101	100		
85	47.1	37.0	55.6
151	72.2	59.4	89.2

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#10

Methyl Iodide

Concen: 49.512 ug/l

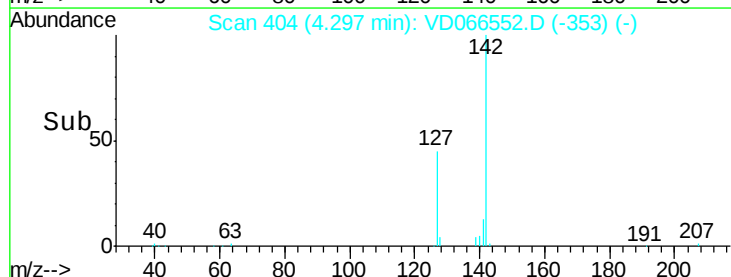
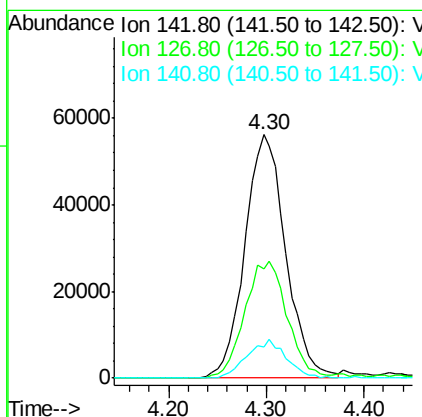
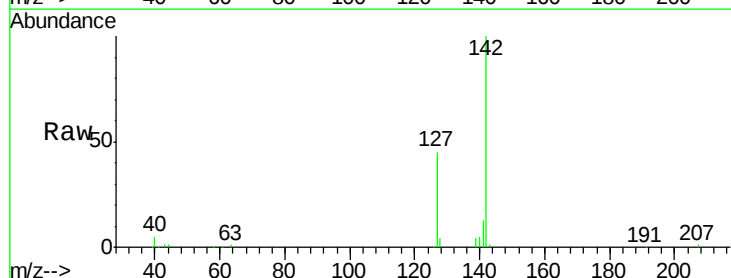
RT: 4.30 min Scan# 404

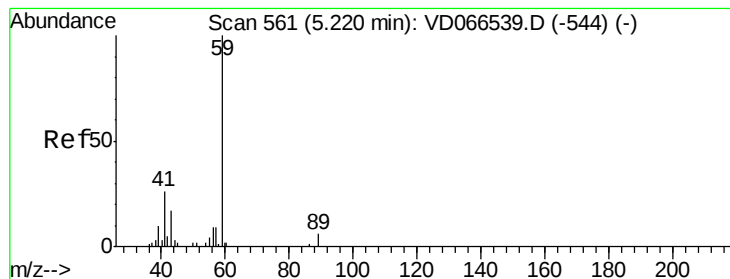
Delta R.T. 0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Tgt Ion:	142	Resp:	164382
Ion Ratio	Lower	Upper	
142	100		
127	49.8	40.6	61.0
141	15.2	12.2	18.4





#11

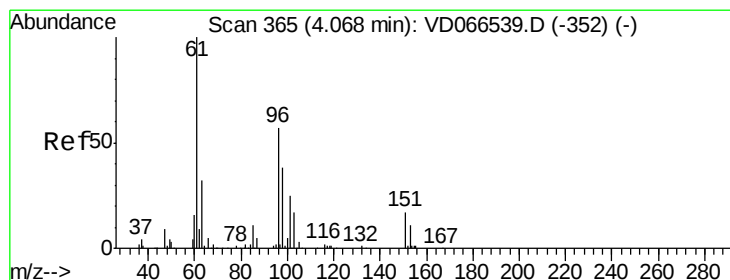
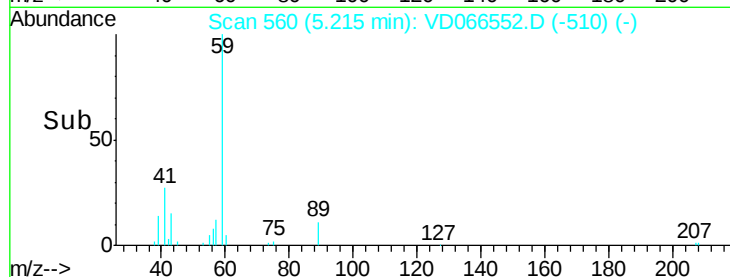
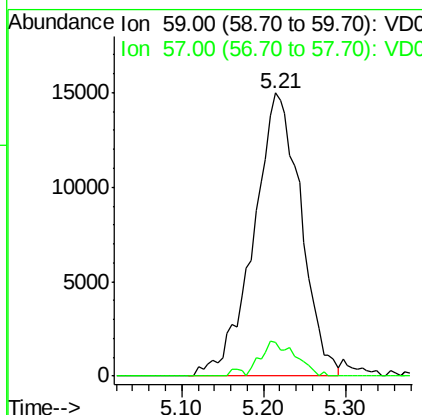
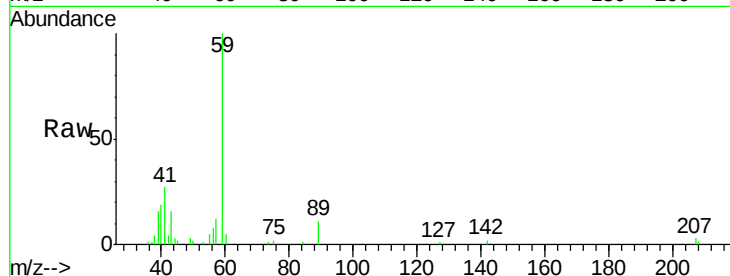
Tert butyl alcohol
Concen: 244.168 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	60286		
57	57	8.9		7.6	11.4

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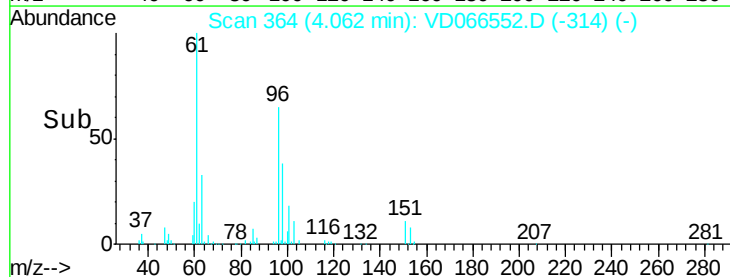
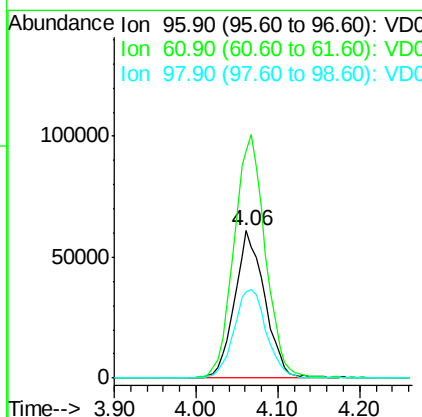
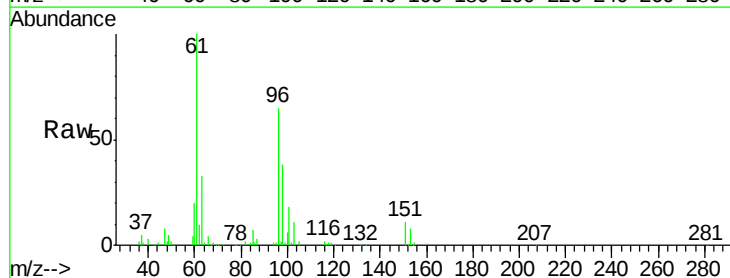
MMDadoda
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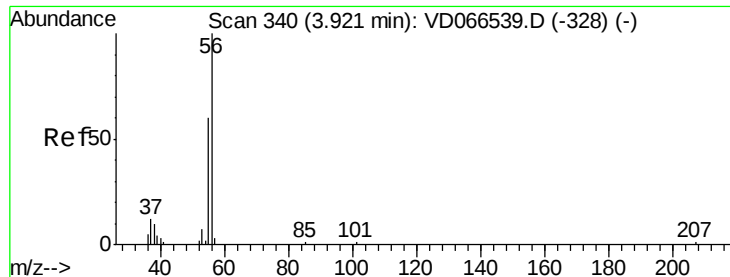


#12

1,1-Dichloroethene
Concen: 48.063 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	157303		
61	61	154.1		140.9	211.3
98	98	58.5		53.2	79.8





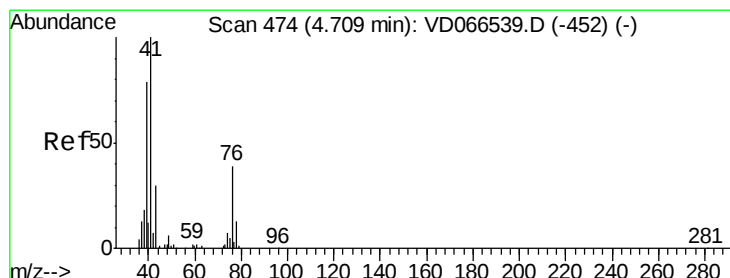
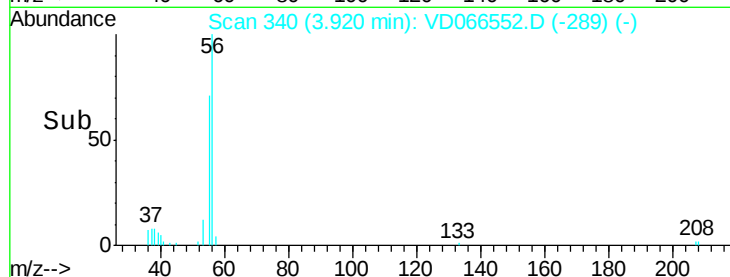
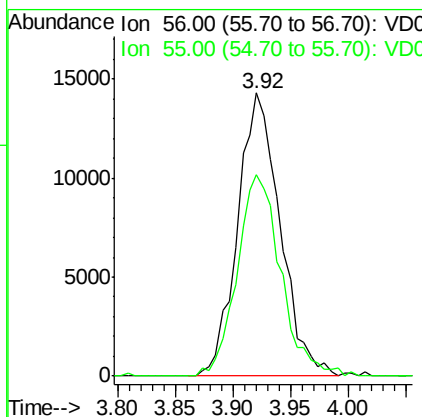
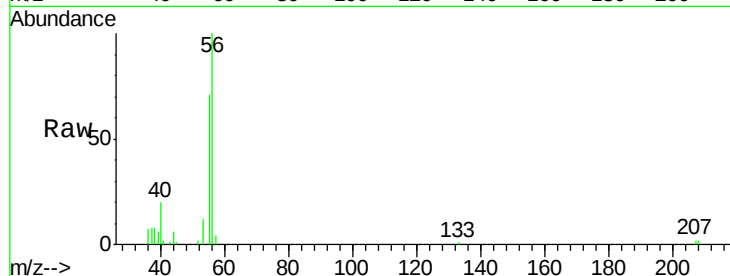
#13
Acrolein
Concen: 226.917 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	73.1	53.6	80.4

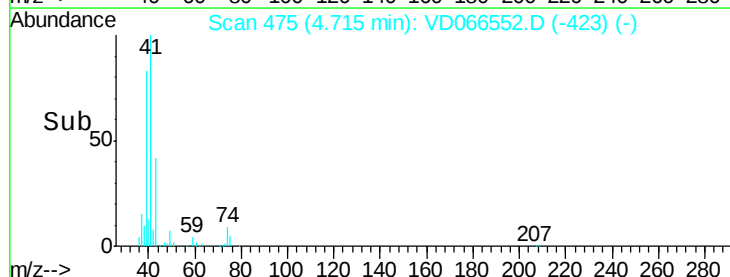
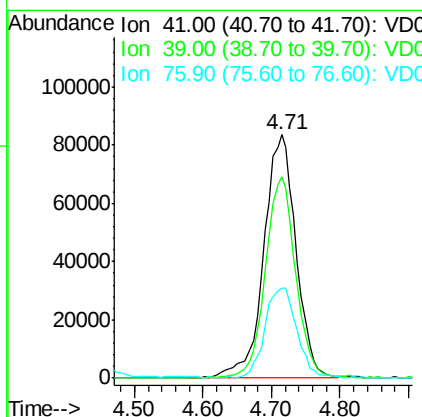
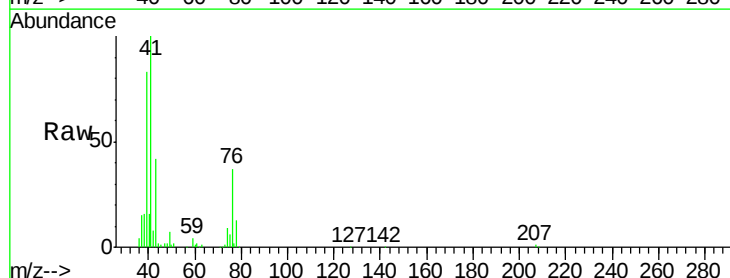
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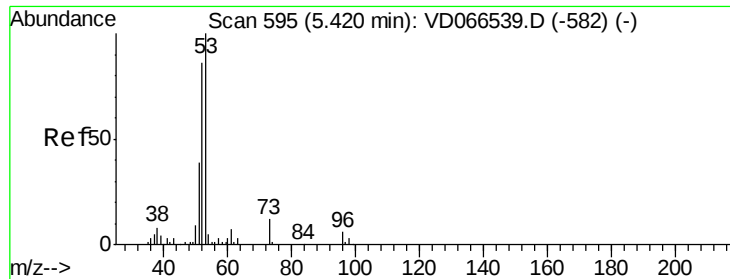
MMDadoda
9/4/2020 4:55:07 PM



#14
Allyl chloride
Concen: 50.894 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	77.7	61.9	92.9
76	76	36.2	29.0	43.6





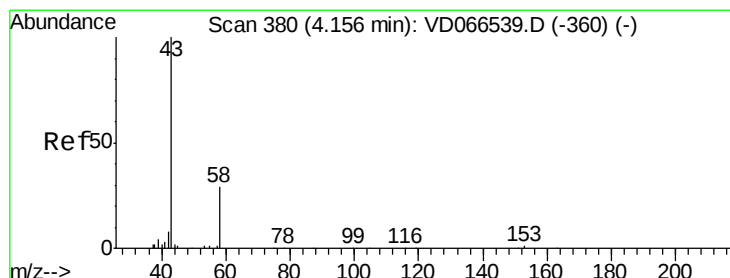
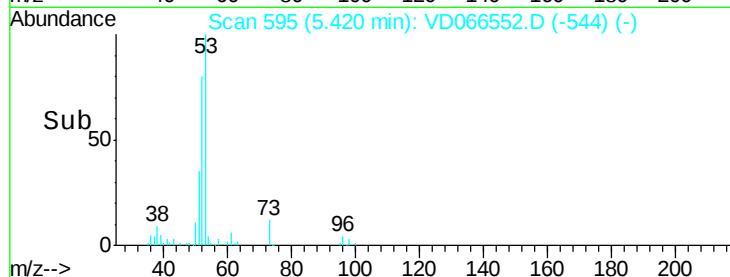
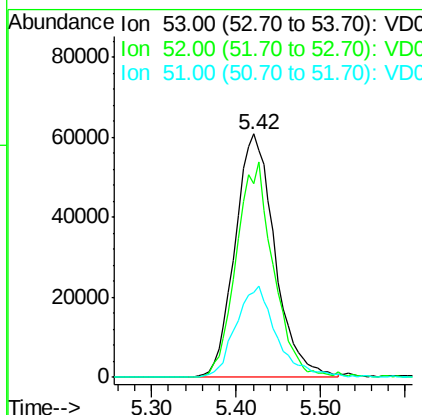
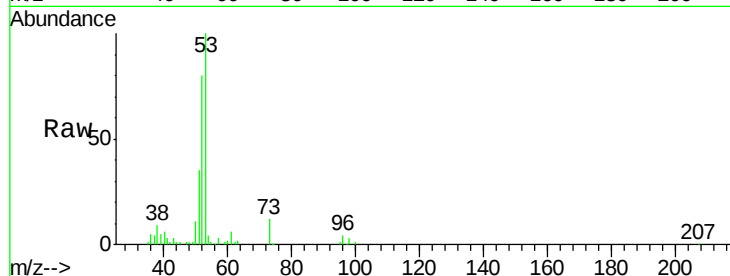
#15
 Acrylonitrile
 Concen: 273.294 ug/l
 RT: 5.42 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.4	98.2
51	38.2	31.2	46.8

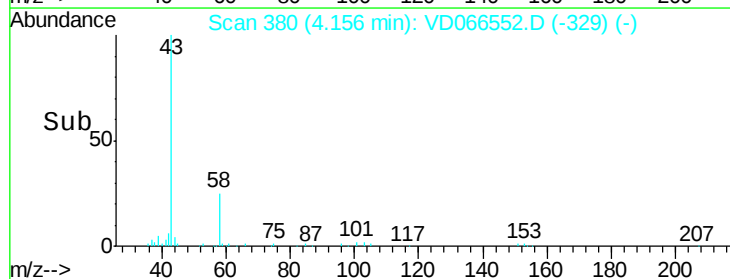
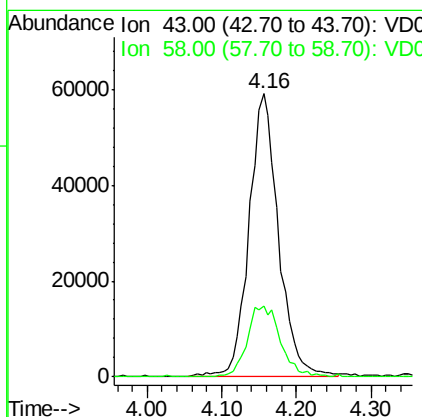
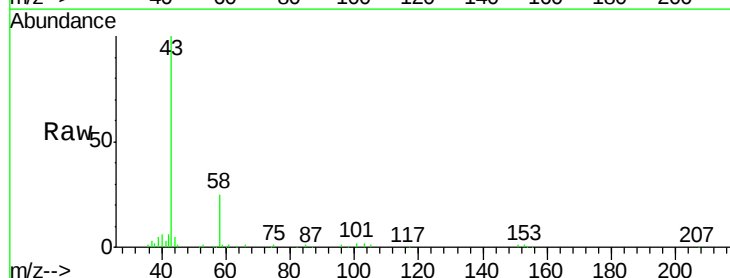
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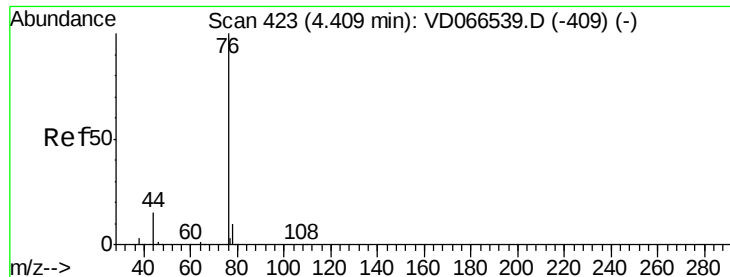
MMDadoda
 9/4/2020 4:55:07 PM



#16
 Acetone
 Concen: 225.396 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.0	22.9	34.3





#17

Carbon Disulfide

Concen: 48.860 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 525707

Ion Ratio Lower Upper

76 100

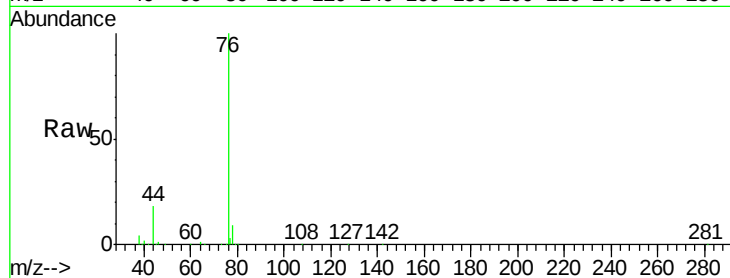
78 8.8 7.6 11.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

200000

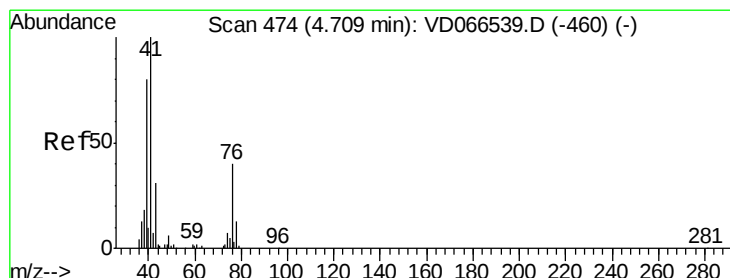
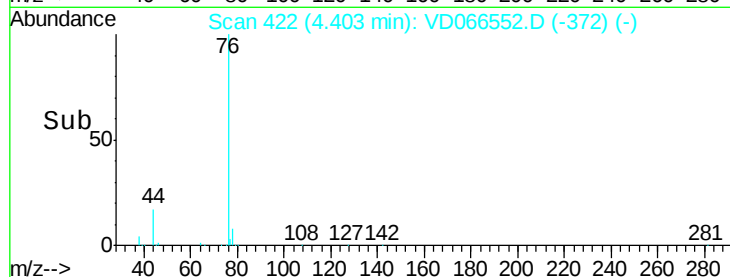
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 60.446 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066552.D

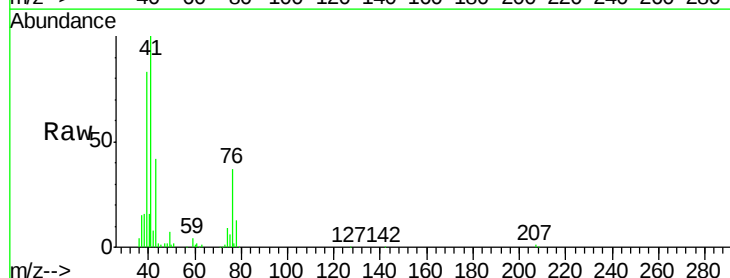
Acq: 03 Sep 2020 23:40

Tgt Ion: 43 Resp: 104204

Ion Ratio Lower Upper

43 100

74 23.2 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

40000

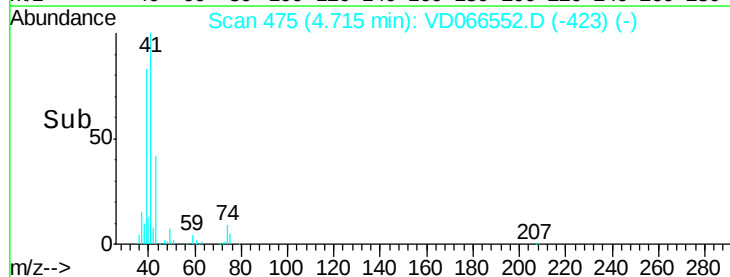
30000

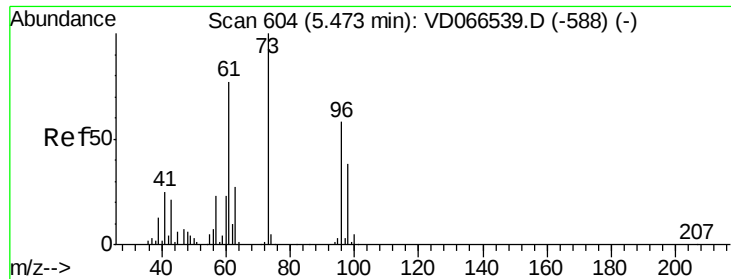
20000

10000

0

Time-->





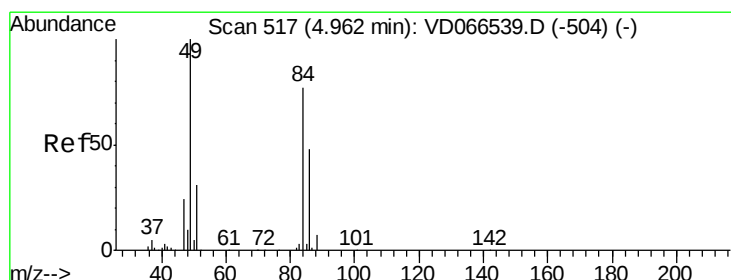
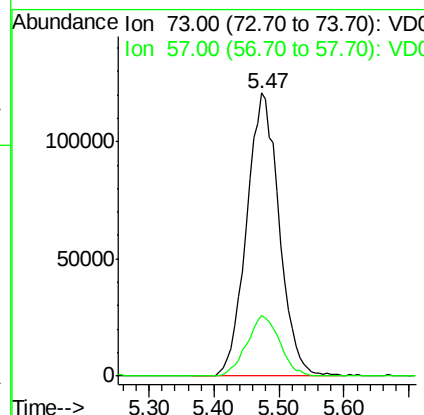
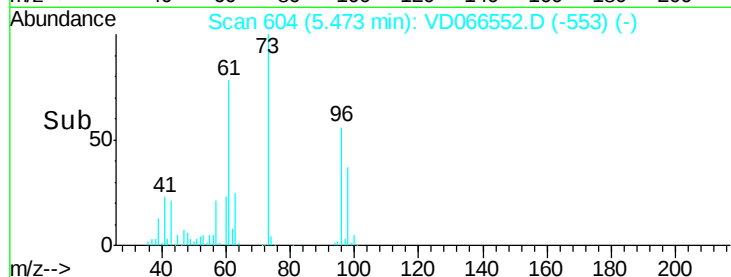
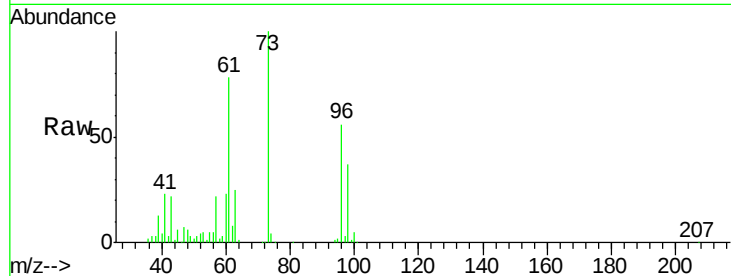
#19
Methvl tert-butvl Ether
Concen: 54.483 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 418154
Ion Ratio Lower Upper
73 100
57 21.6 18.3 27.5

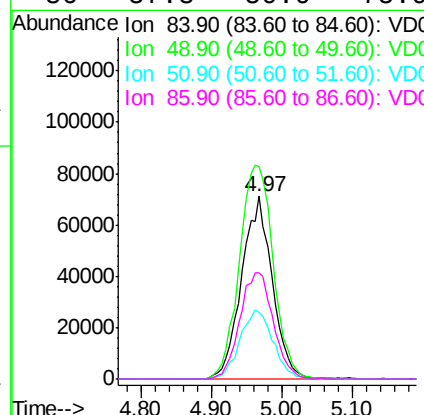
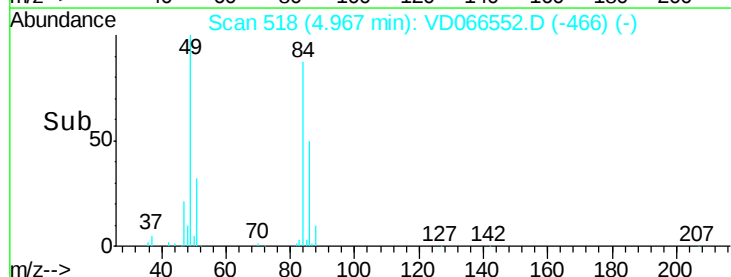
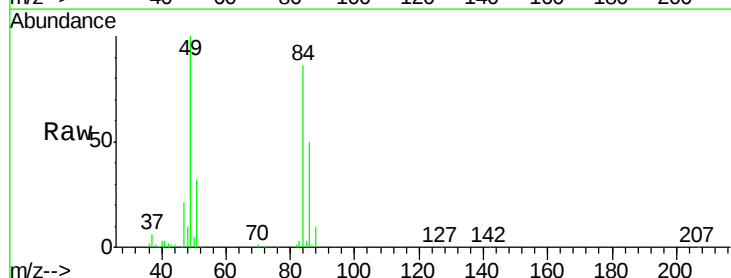
Manual Integrations
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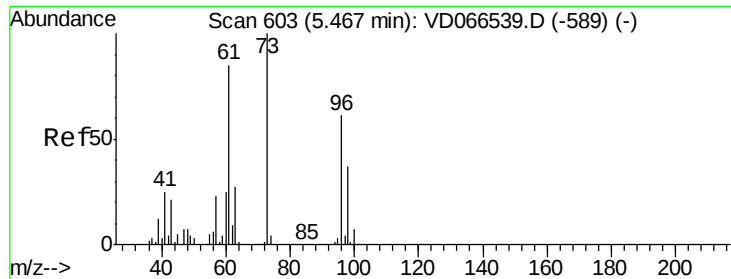
MMDadoda
9/4/2020 4:55:07 PM



#20
Methylene Chloride
Concen: 55.223 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion: 84 Resp: 214916
Ion Ratio Lower Upper
84 100
49 116.0 104.3 156.5
51 36.7 32.2 48.4
86 57.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 51.314 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

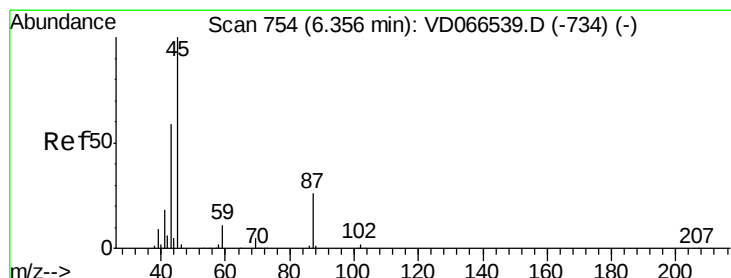
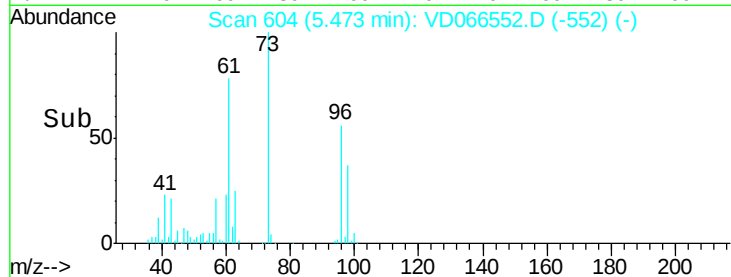
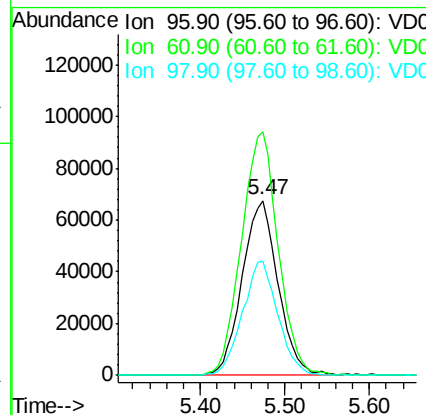
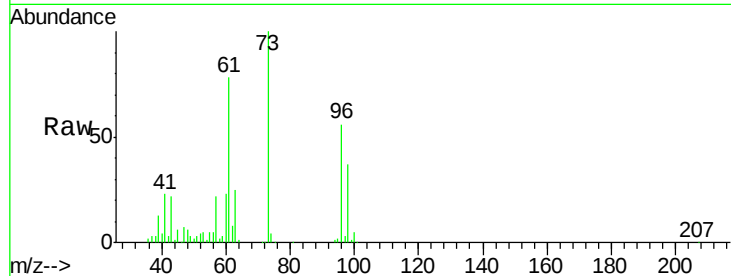
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	199432
Ion	Ratio	Lower	Upper
96	100		
61	139.3	112.1	168.1
98	65.4	48.6	72.8

Manual Integrations
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9/4/2020 4:55:07 PM



#22

Diisopropyl ether

Concen: 56.402 ug/l

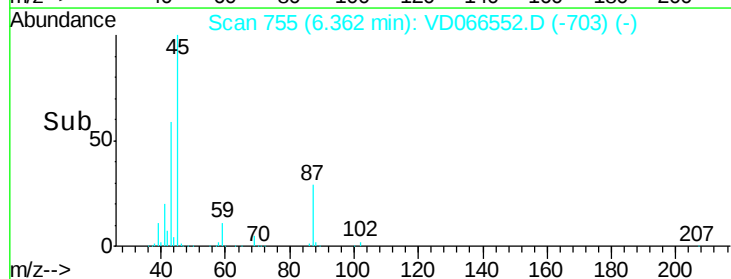
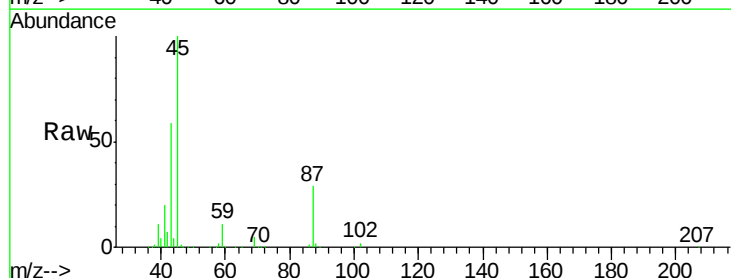
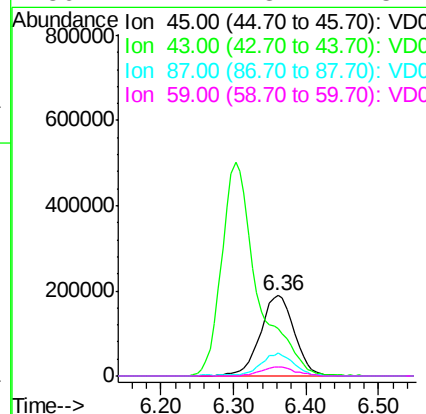
RT: 6.36 min Scan# 755

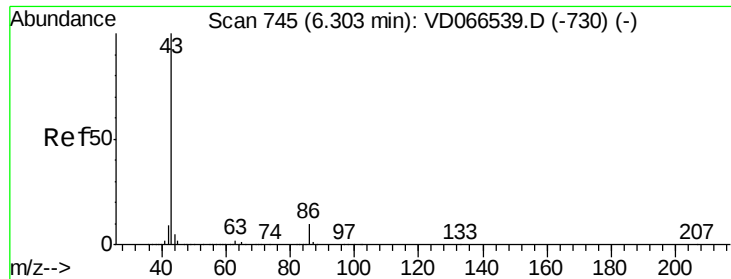
Delta R.T. 0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Tgt Ion:	45	Resp:	622139
Ion	Ratio	Lower	Upper
45	100		
43	58.0	47.0	70.4
87	28.7	21.3	31.9
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 274.449 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1722722

Ion Ratio Lower Upper

43 100

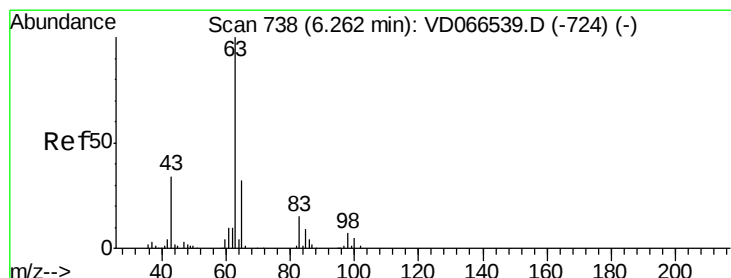
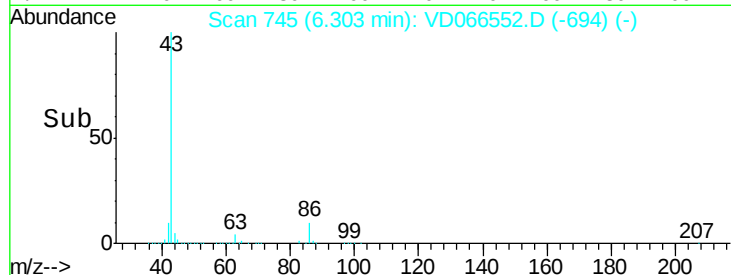
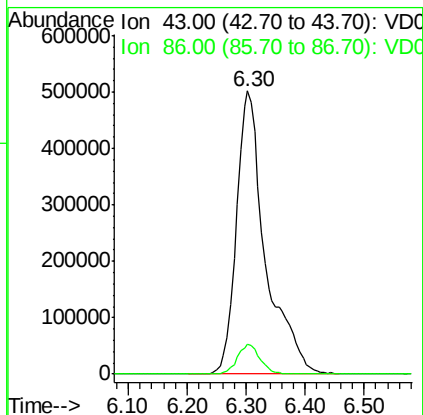
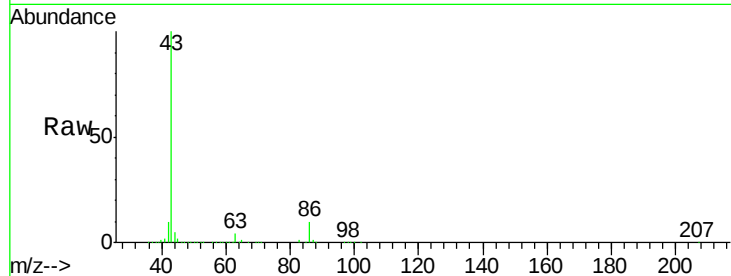
86 10.4 7.7 11.5

Manual Integrations

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MMDadoda

9/4/2020 4:55:07 PM



#24

1,1-Dichloroethane

Concen: 51.646 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

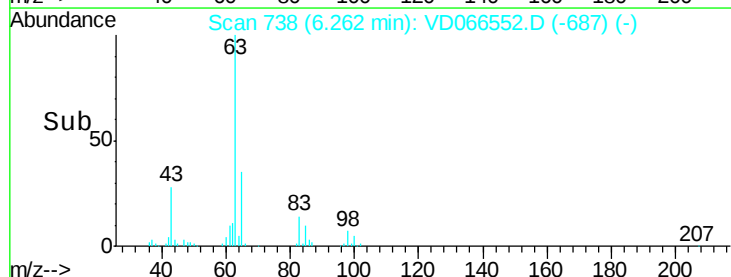
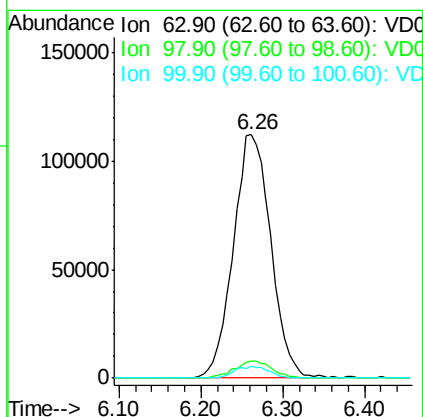
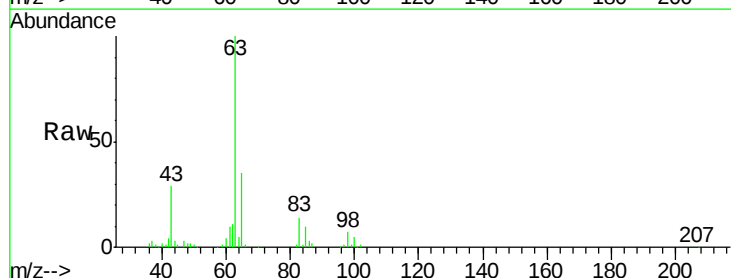
Tgt Ion: 63 Resp: 358240

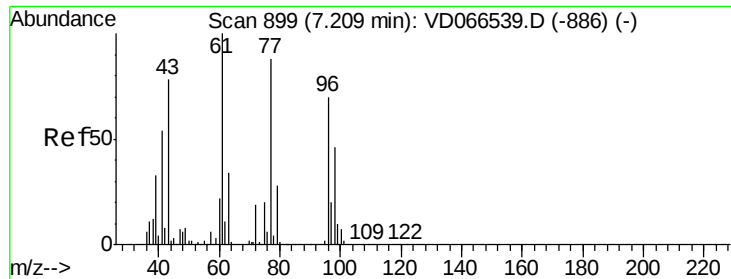
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 259.767 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 252178

Ion Ratio Lower Upper

43 100

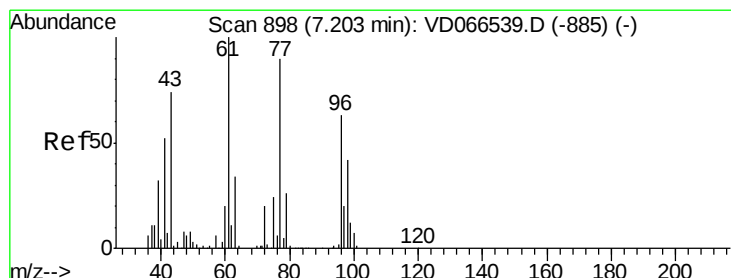
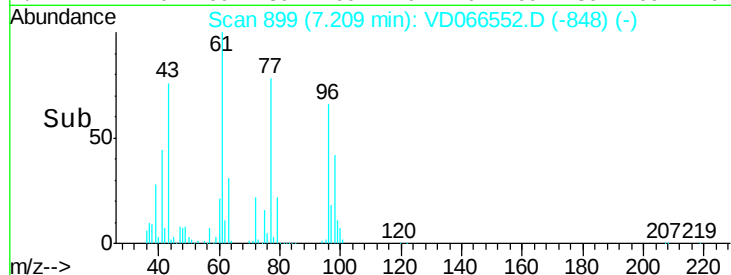
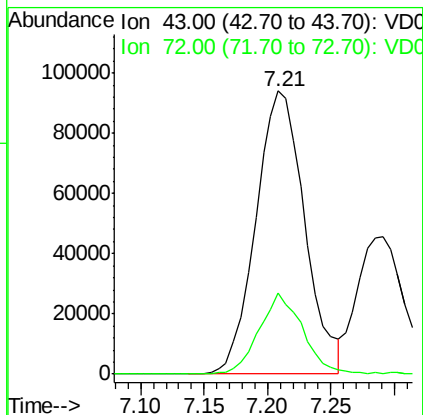
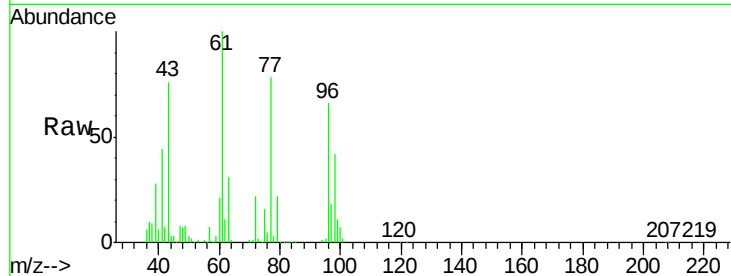
72 28.6 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.375 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066552.D

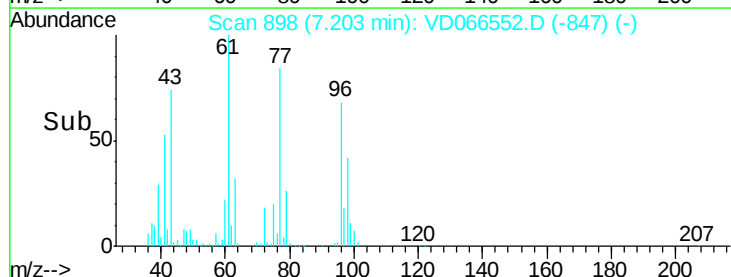
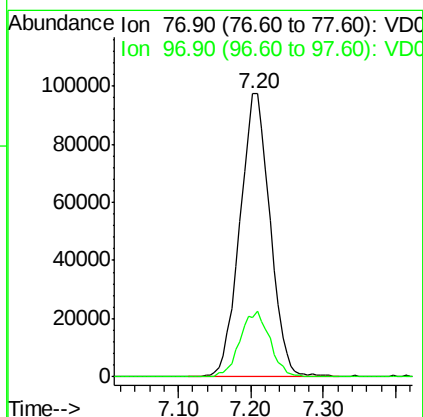
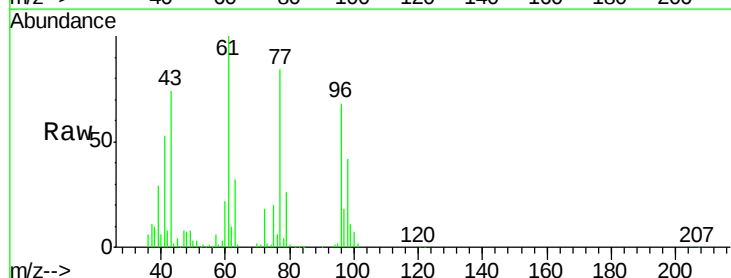
Acq: 03 Sep 2020 23:40

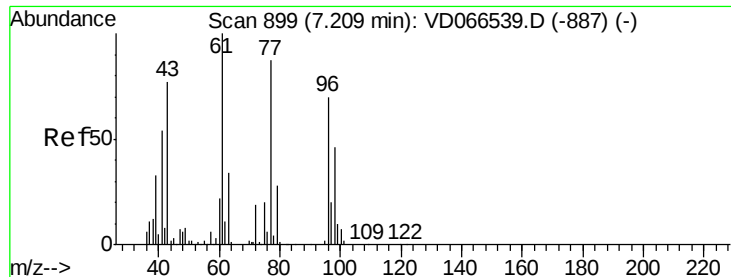
Tgt Ion: 77 Resp: 282347

Ion Ratio Lower Upper

77 100

97 23.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 54.145 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

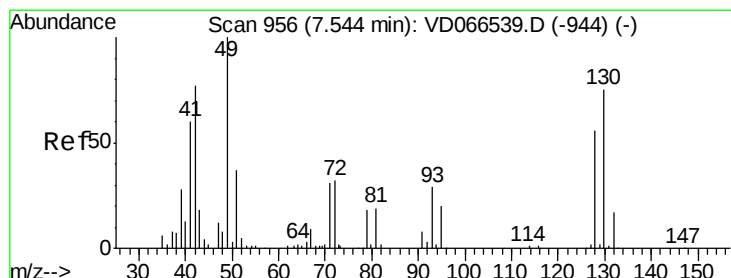
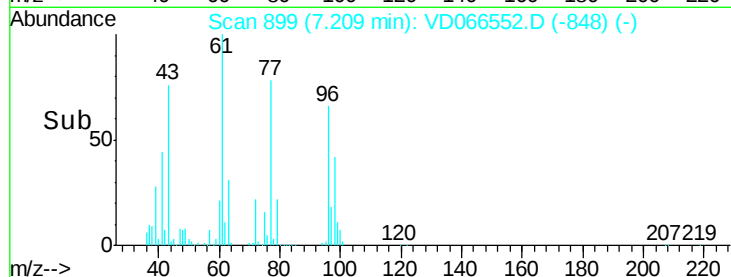
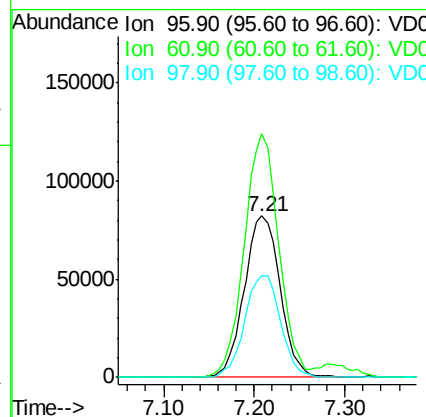
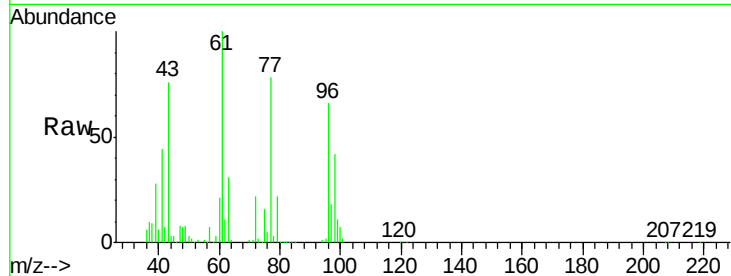
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	226297
Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	301.0
98	63.1	0.0	129.8

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#28

Bromochloromethane

Concen: 56.938 ug/l

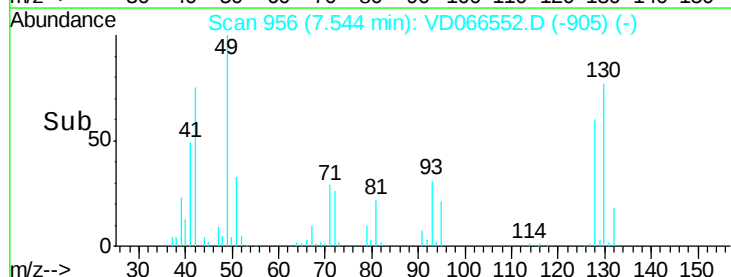
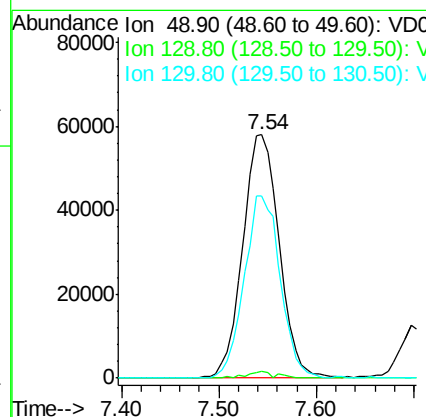
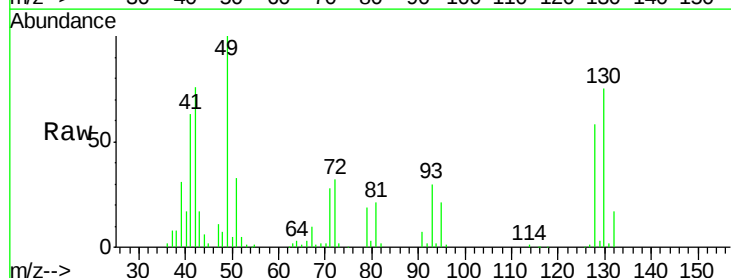
RT: 7.54 min Scan# 956

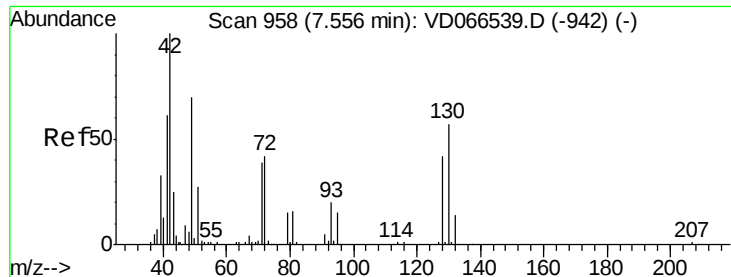
Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Tgt Ion:	49	Resp:	152052
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	2.6
130	73.8	58.2	87.2





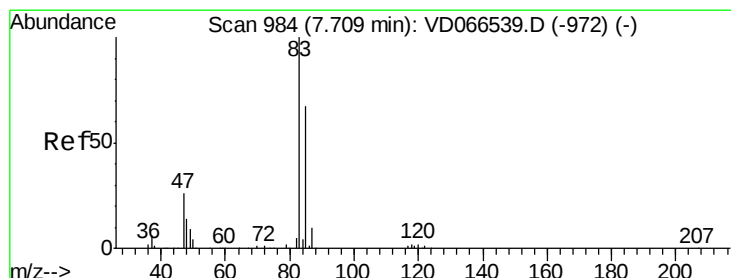
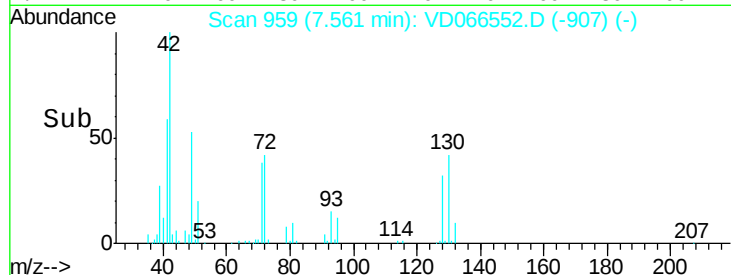
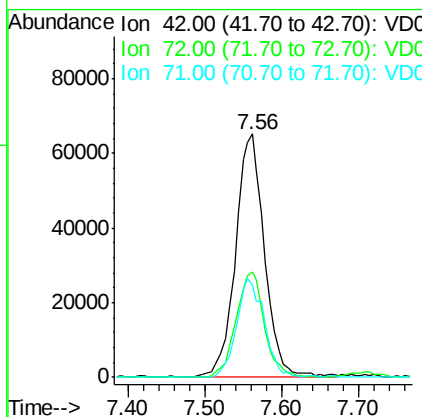
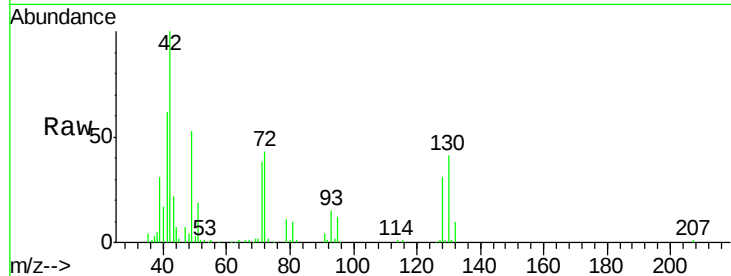
#29
Tetrahydrofuran
Concen: 283.146 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	33.4	50.0
71	38.8	31.9	47.9

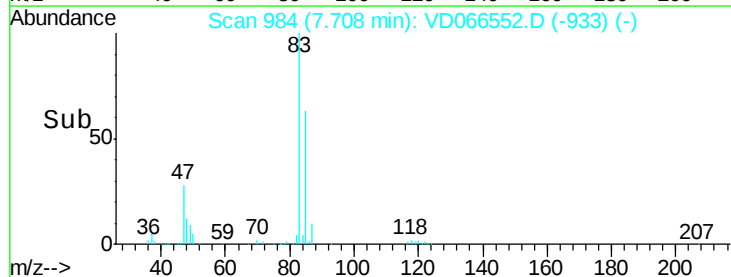
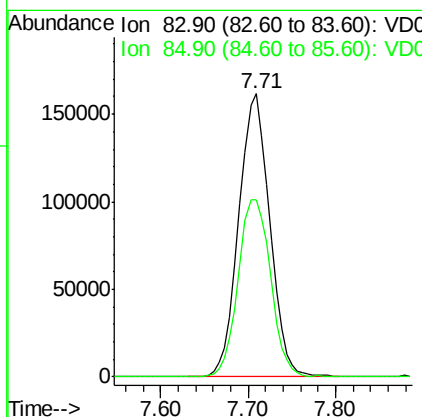
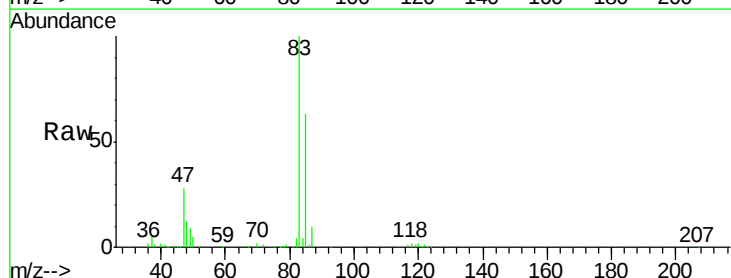
Manual Integrations
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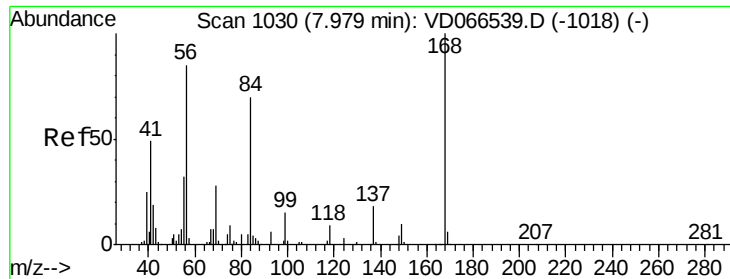
MMDadoda
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#30
Chloroform
Concen: 53.125 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	53.6	80.4





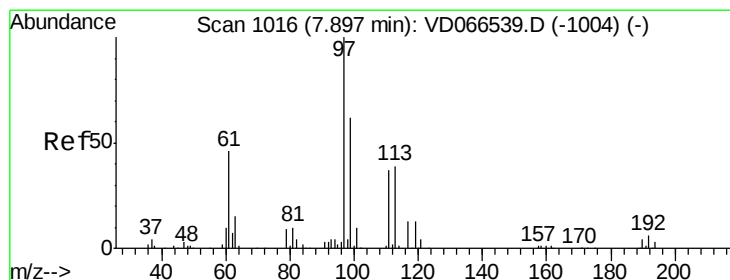
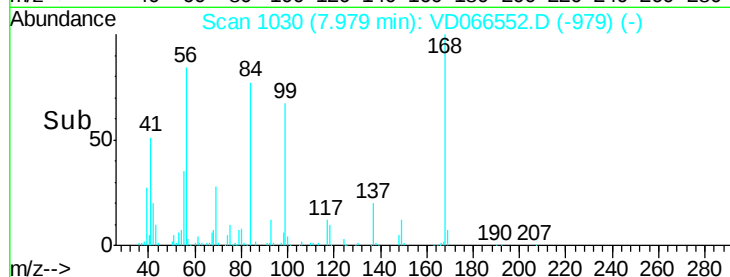
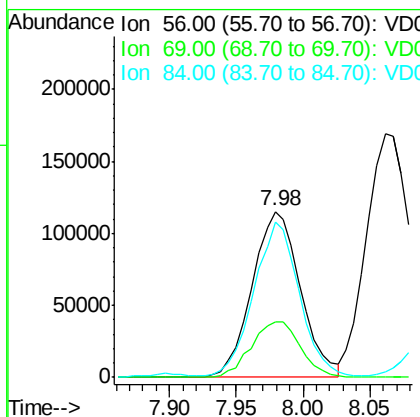
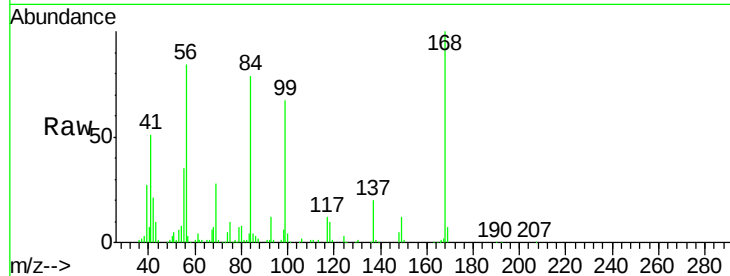
#31
Cyclohexane
Concen: 45.062 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	26.3	39.5
84	92.4	66.1	99.1

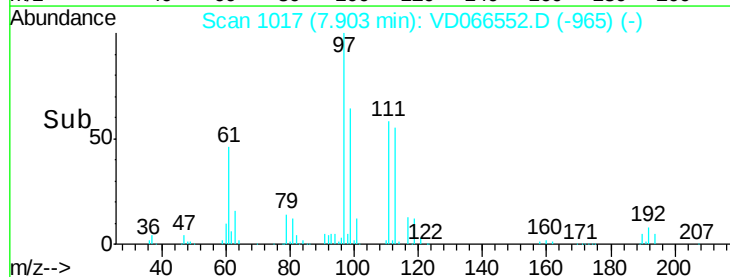
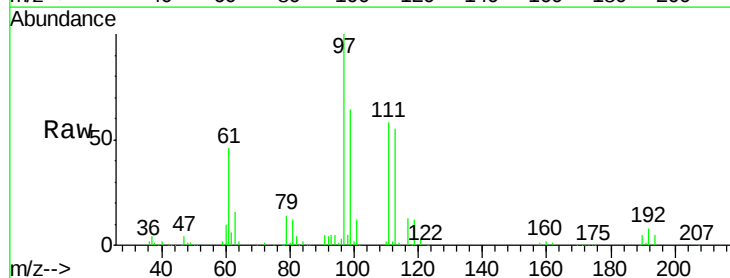
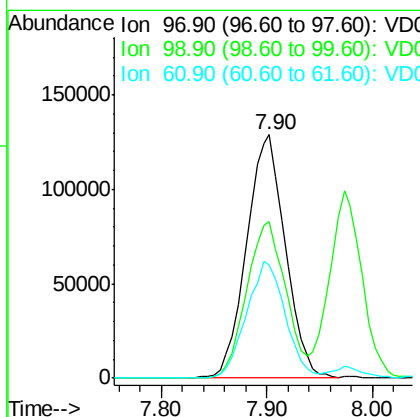
Manual Integrations
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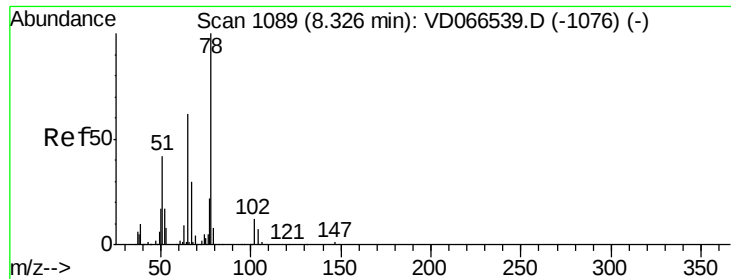
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 47.617 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.0
61	47.7	37.4	56.0





#33

1,2-Dichloroethane-d4

Concen: 56.365 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 221536

Ion Ratio Lower Upper

65 100

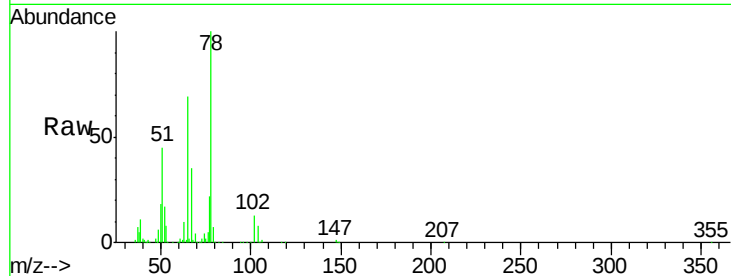
67 50.4 0.0 102.8

Manual Integrations

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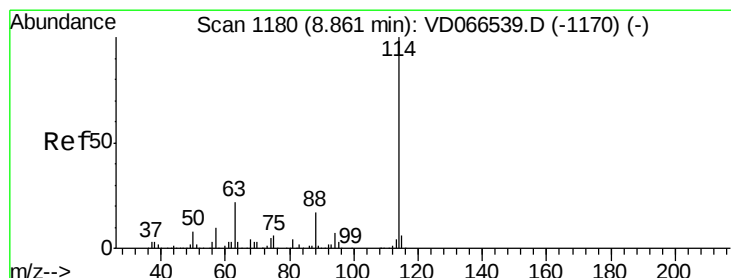
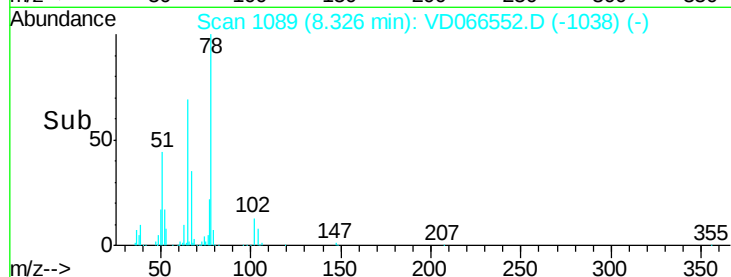
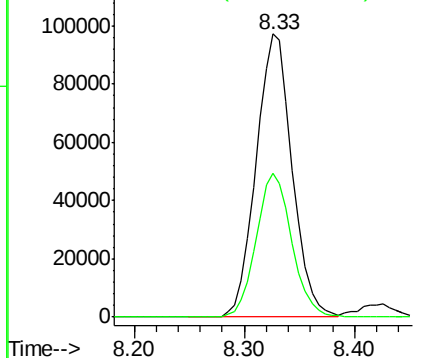
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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

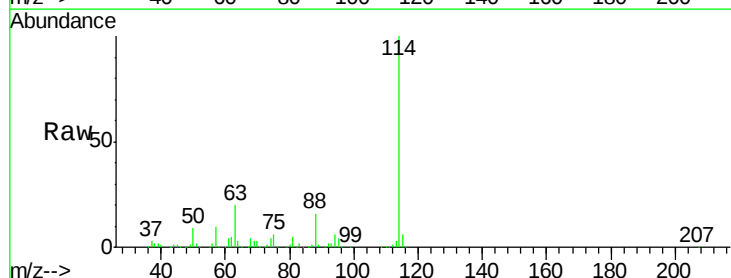
Tgt Ion: 114 Resp: 574831

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

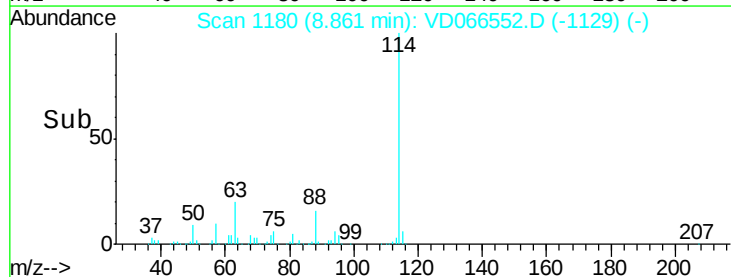
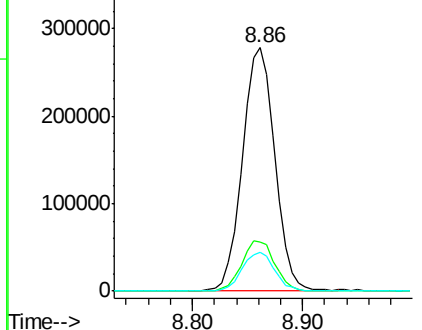
88 15.9 0.0 33.2

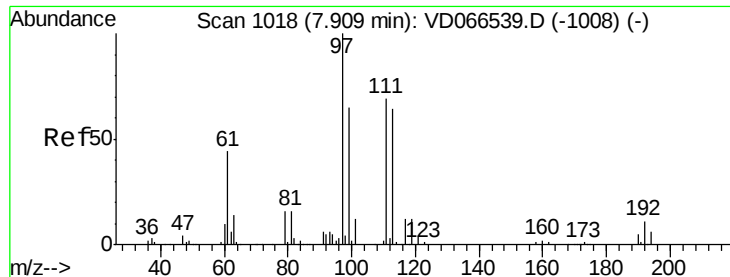


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





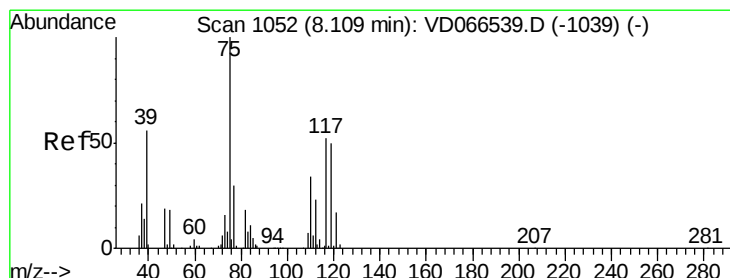
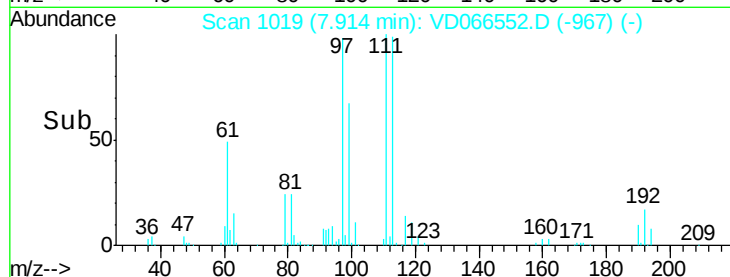
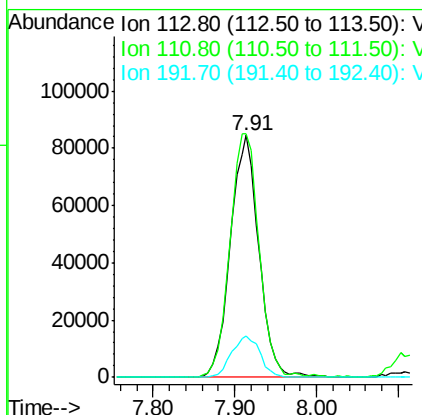
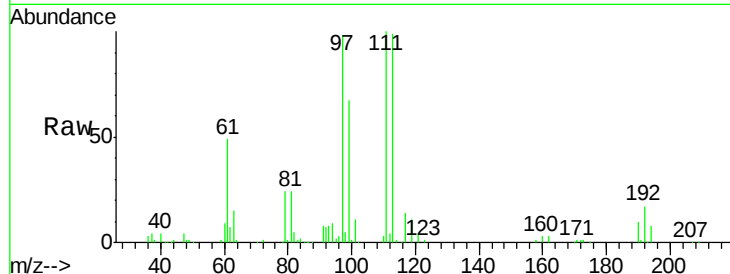
#35
 Dibromofluoromethane
 Concen: 52.514 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	203641		
111	102.5	83.2	124.8	
192	17.2	13.7	20.5	

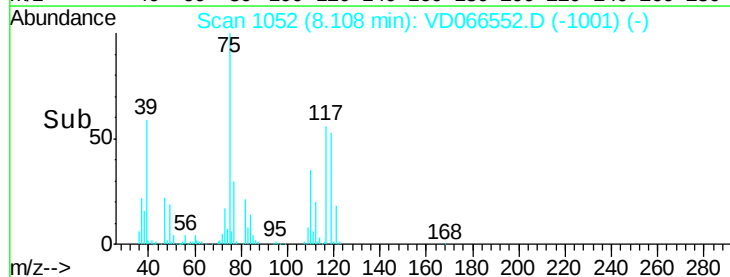
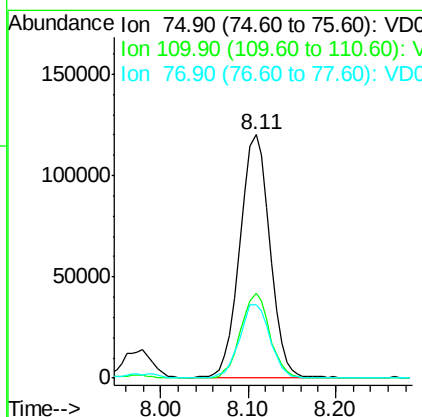
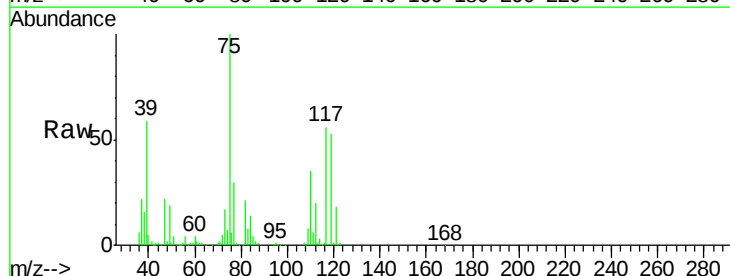
Manual Integrations
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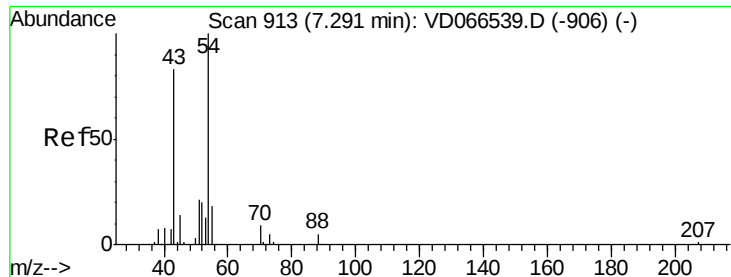
MMDadoda
 9/4/2020 4:55:07 PM



#36
 1,1-Dichloropropene
 Concen: 46.453 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	277894		
110	34.0	17.3	52.0	
77	30.8	25.1	37.7	





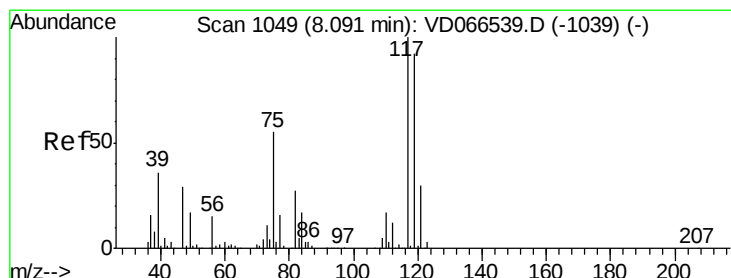
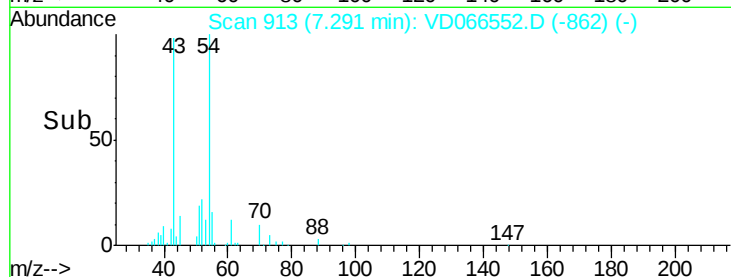
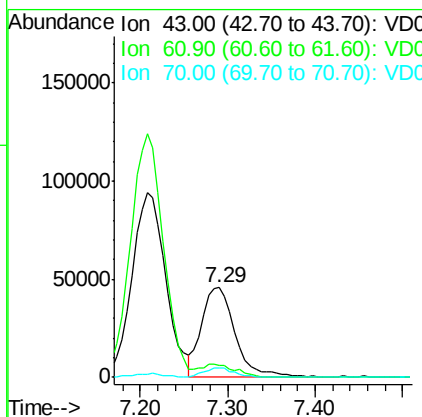
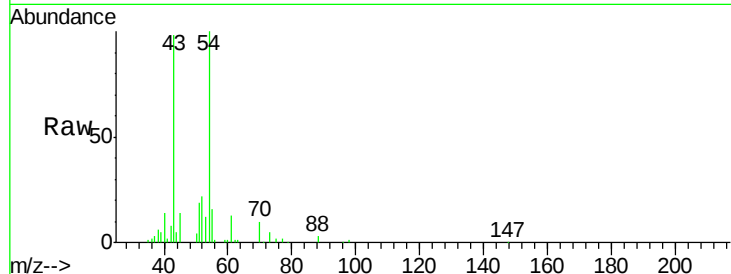
#37
Ethyl Acetate
Concen: 50.769 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	120937
Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.8	17.8
70	9.7	7.9	11.9

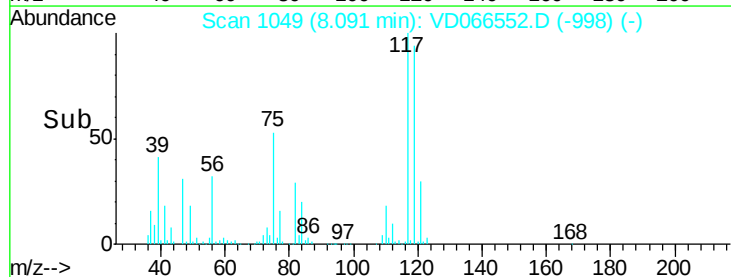
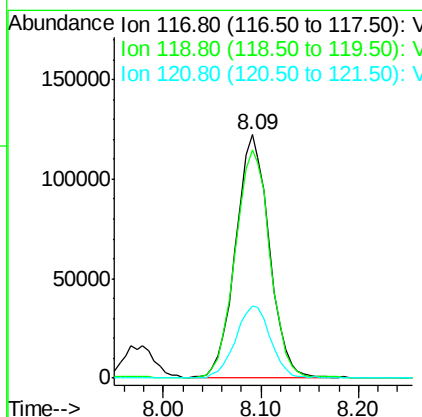
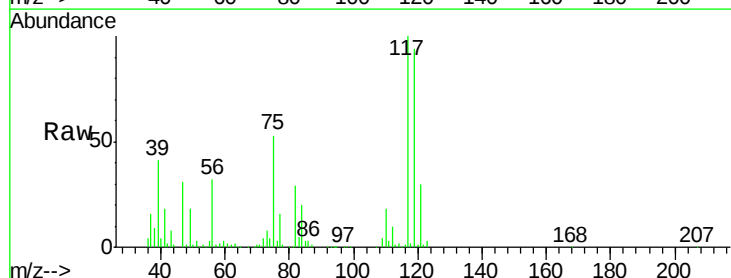
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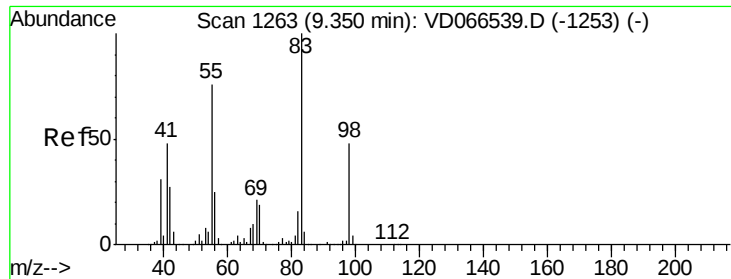
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#38
Carbon Tetrachloride
Concen: 46.239 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion	117	Resp	292378
Ion	Ratio	Lower	Upper
117	100		
119	94.2	73.9	110.9
121	30.0	24.1	36.1





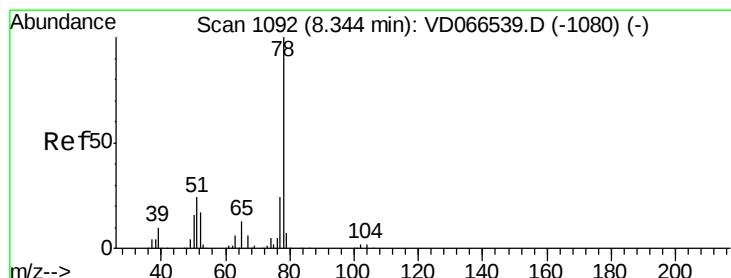
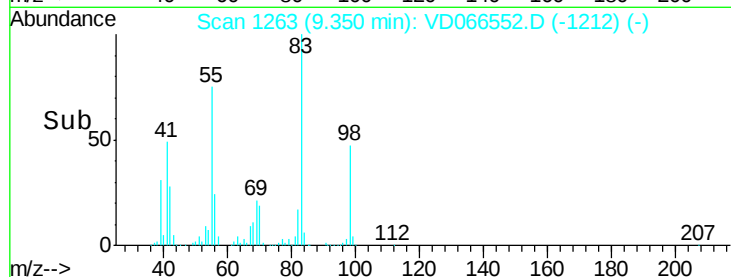
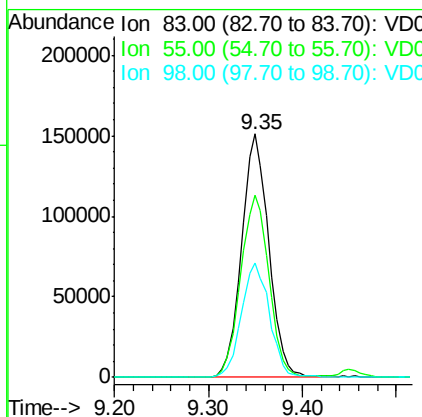
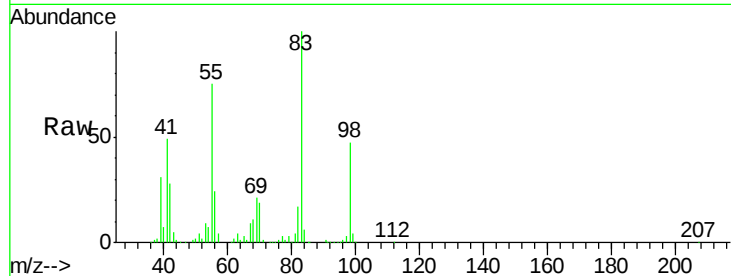
#39
Methvlcvclohexane
Concen: 45.378 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	60.8	91.2
98	47.1	38.6	58.0

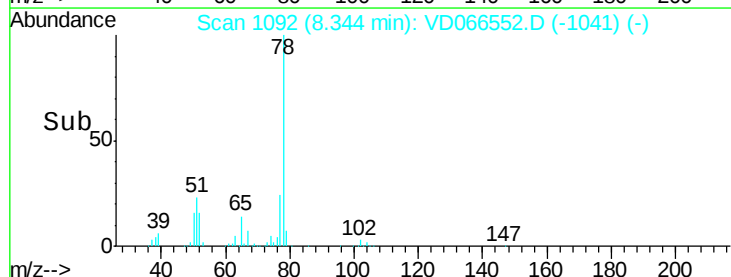
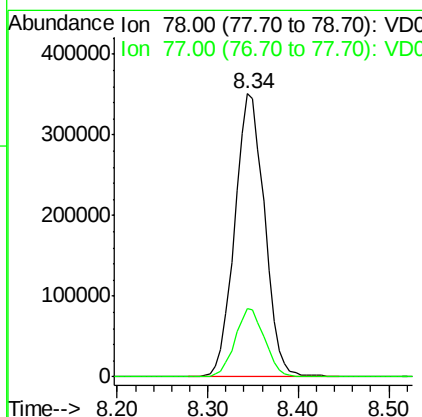
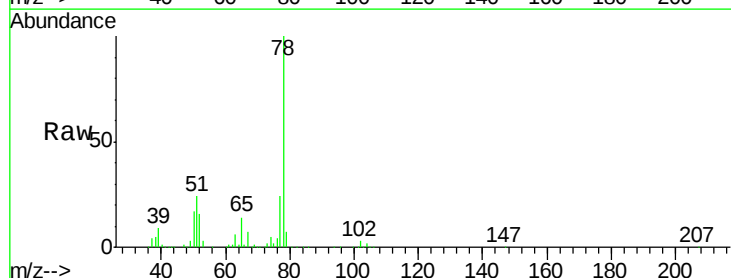
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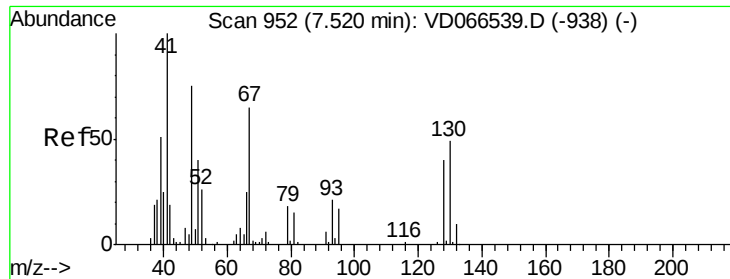
MMDadoda
9/4/2020 4:55:07 PM



#40
Benzene
Concen: 49.133 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





#41

Methacrylonitrile

Concen: 59.095 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 68142

Ion Ratio Lower Upper

41 100

39 0.0 53.6 80.4#

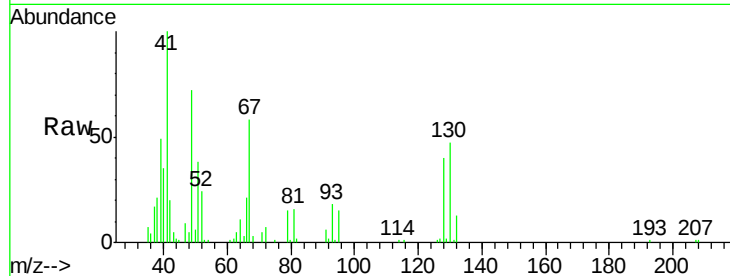
67 70.9 59.2 88.8

52 32.7 26.8 40.2

Manual Integrations
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9/4/2020 4:55:07 PM

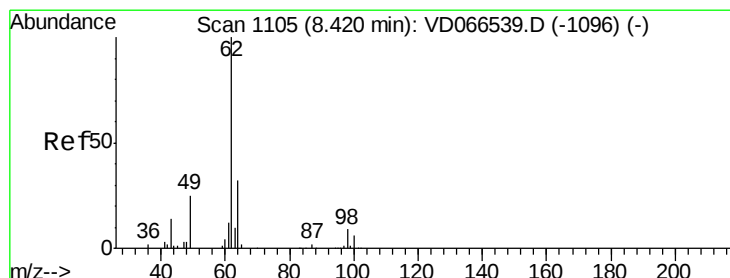
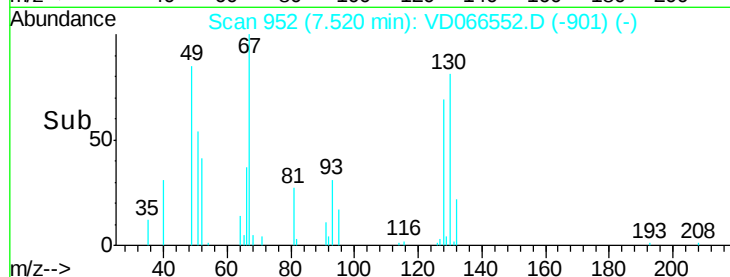
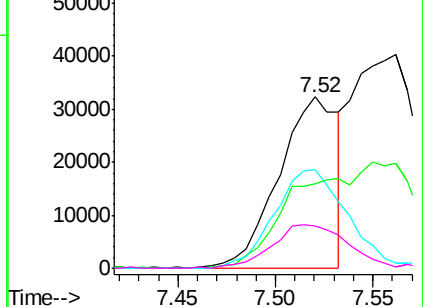


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 48.762 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066552.D

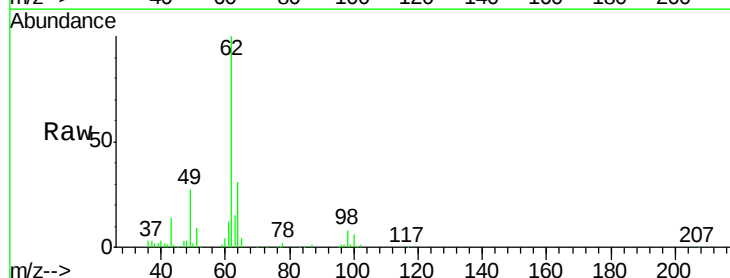
Acq: 03 Sep 2020 23:40

Tgt Ion: 62 Resp: 258852

Ion Ratio Lower Upper

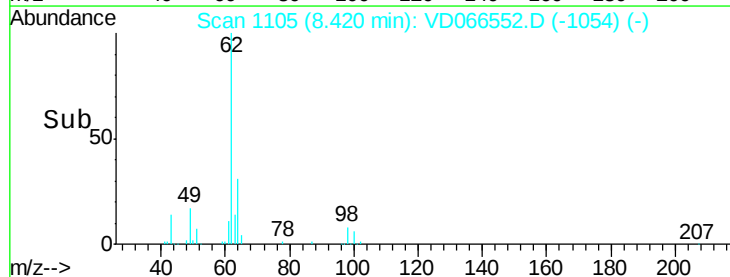
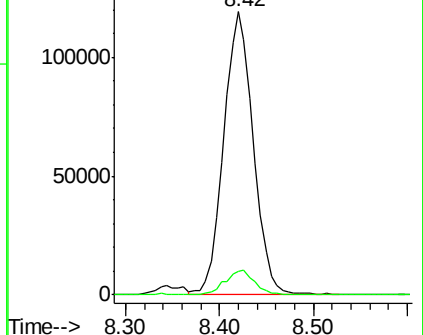
62 100

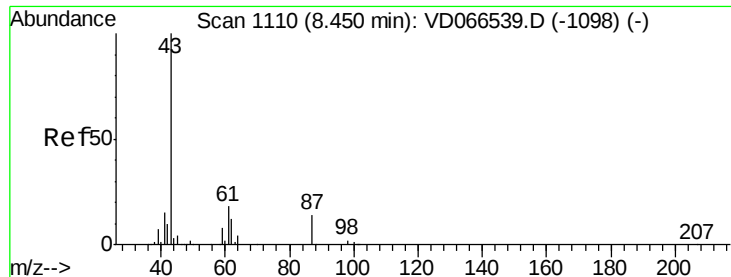
98 8.7 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 51.407 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

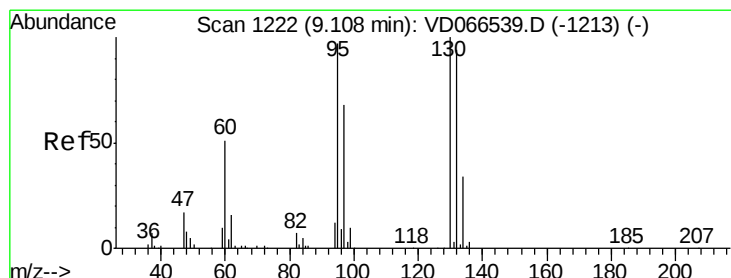
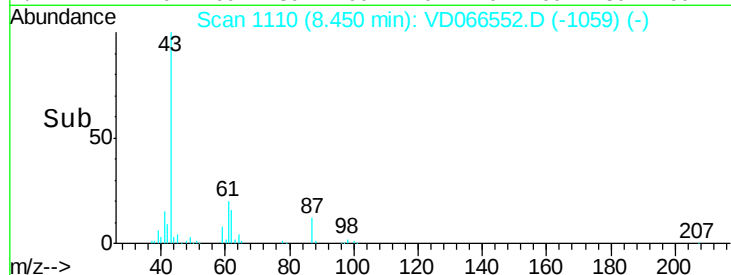
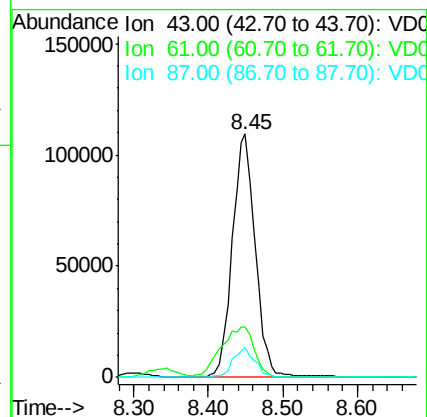
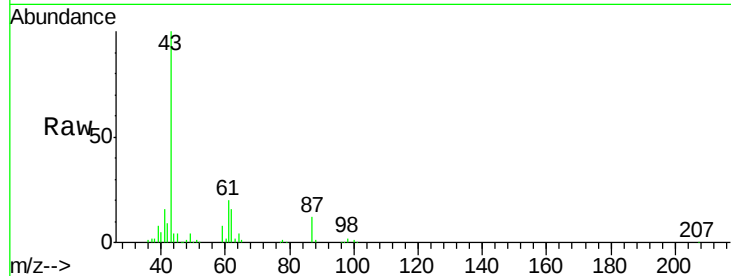
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	234677
Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.8	35.8
87	11.5	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 48.680 ug/l

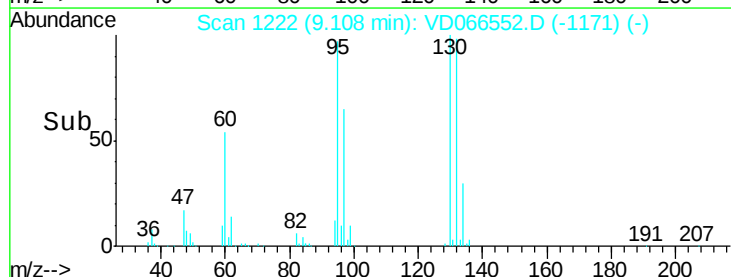
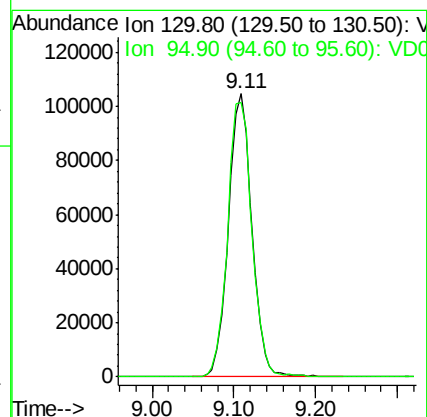
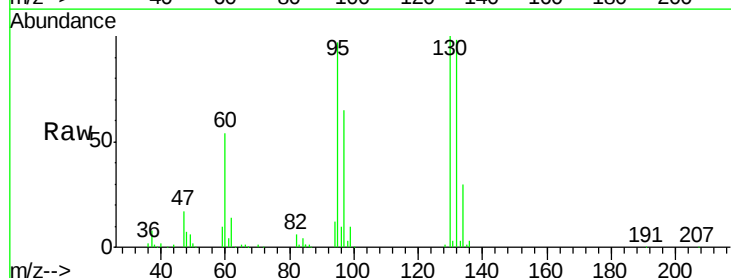
RT: 9.11 min Scan# 1222

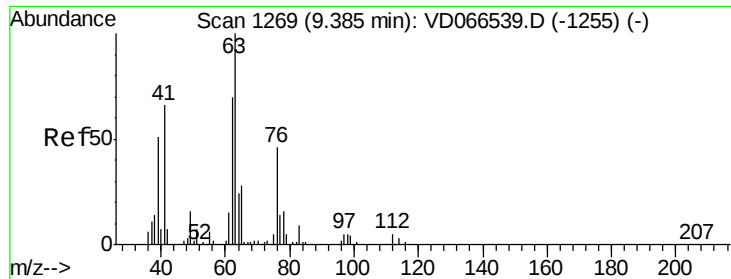
Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Tgt Ion:	130	Resp:	209212
Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	194.4





#45

1,2-Dichloropropane

Concen: 50.752 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 209114

Ion Ratio Lower Upper

63 100

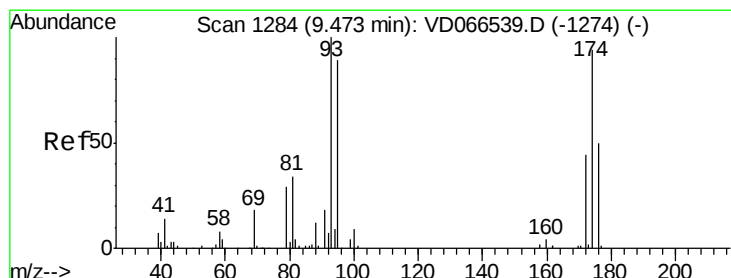
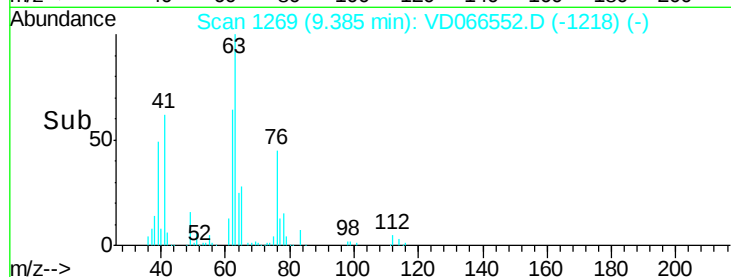
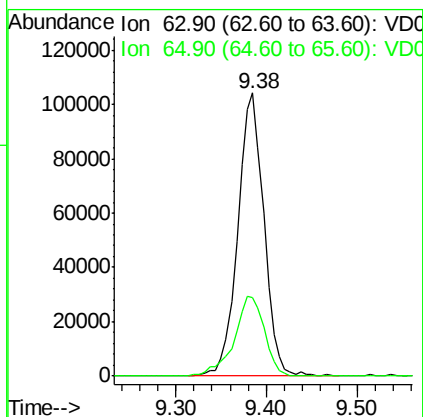
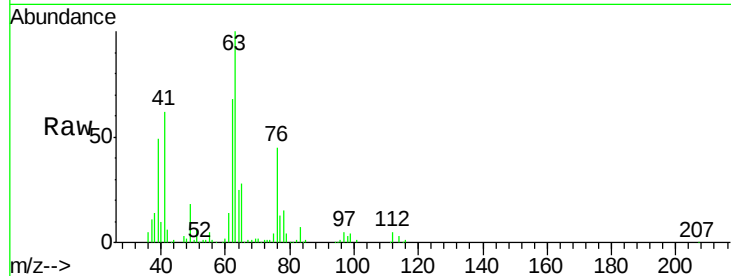
65 28.0 22.6 34.0

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#46

Dibromomethane

Concen: 50.539 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

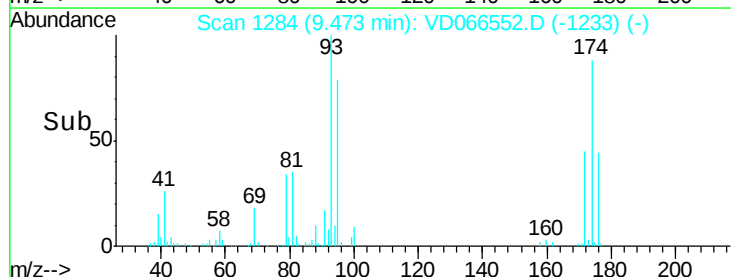
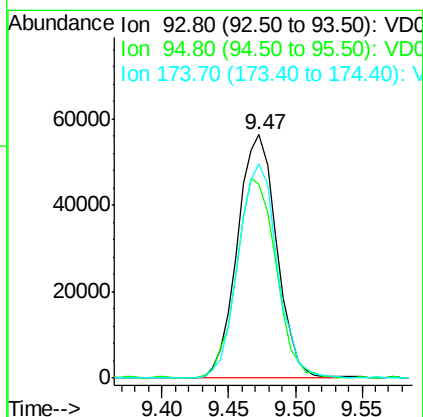
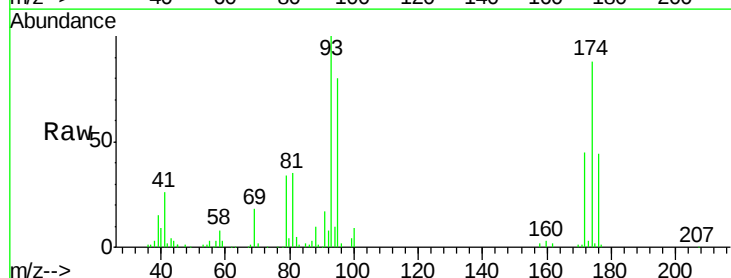
Tgt Ion: 93 Resp: 114885

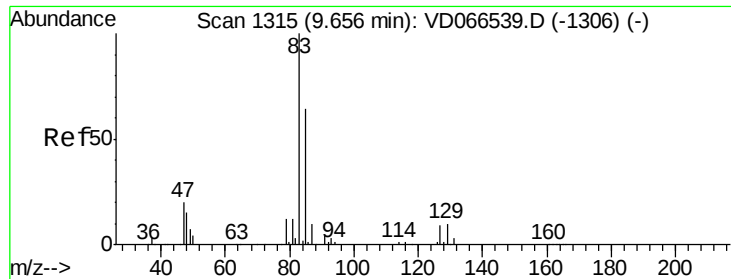
Ion Ratio Lower Upper

93 100

95 82.6 68.7 103.1

174 87.5 70.0 105.0





#47

Bromodichloromethane

Concen: 48.579 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

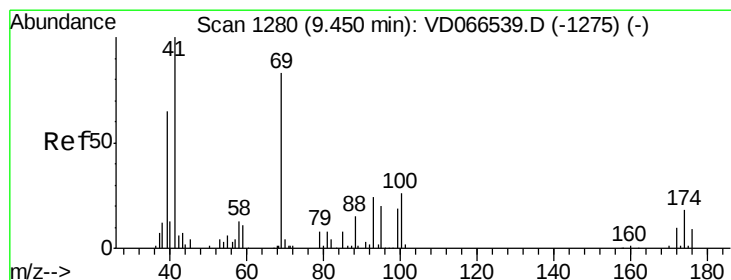
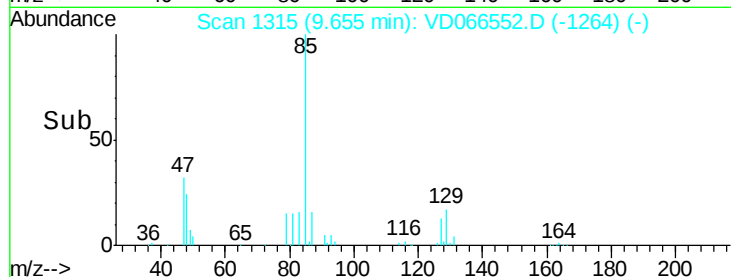
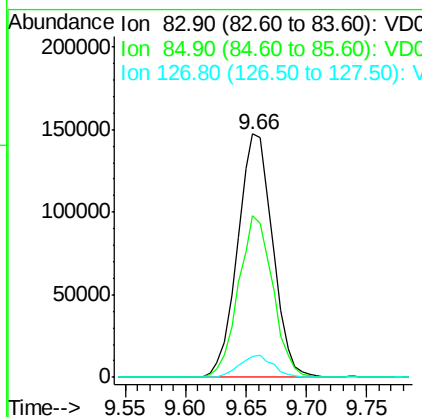
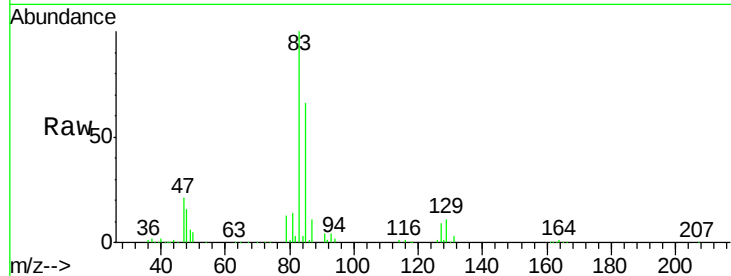
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	298771
Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.1	76.7
127	8.6	6.9	10.3

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#48

Methyl methacrylate

Concen: 48.215 ug/l

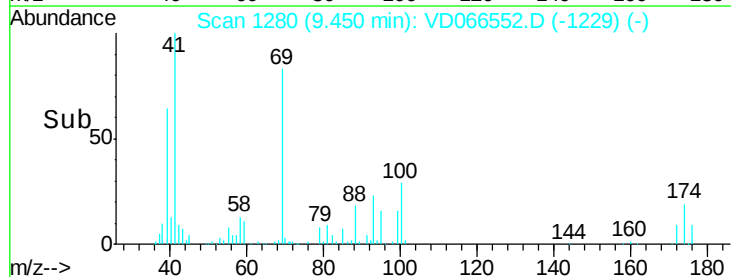
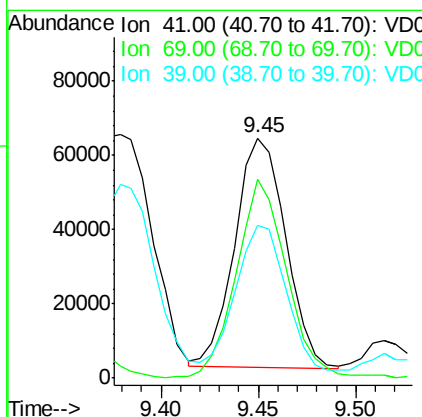
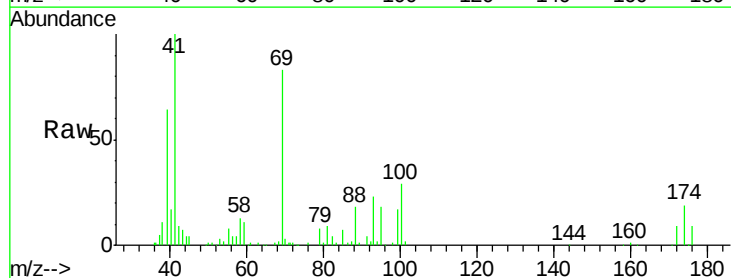
RT: 9.45 min Scan# 1280

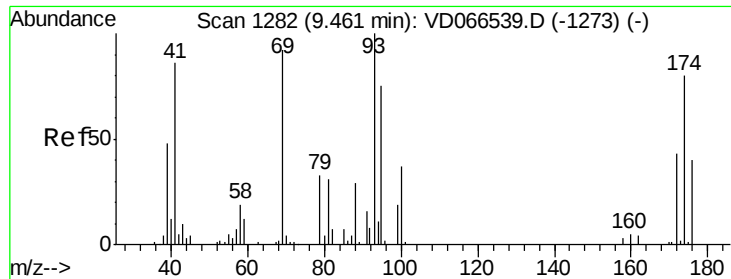
Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Tgt Ion:	41	Resp:	111296
Ion	Ratio	Lower	Upper
41	100		
69	85.2	64.5	96.7
39	62.0	46.6	69.8





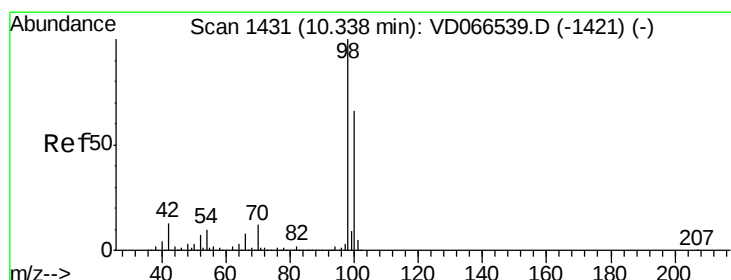
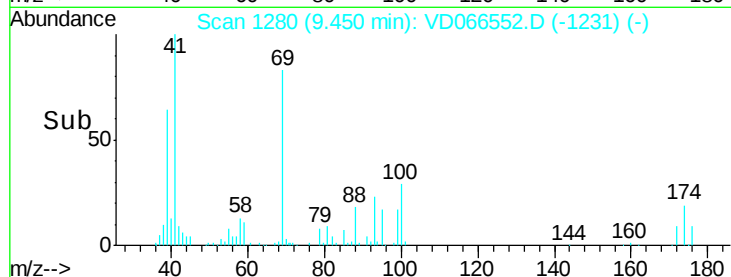
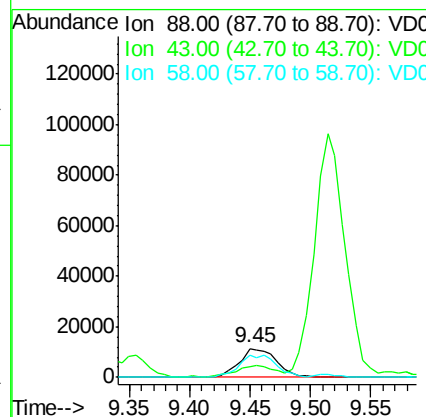
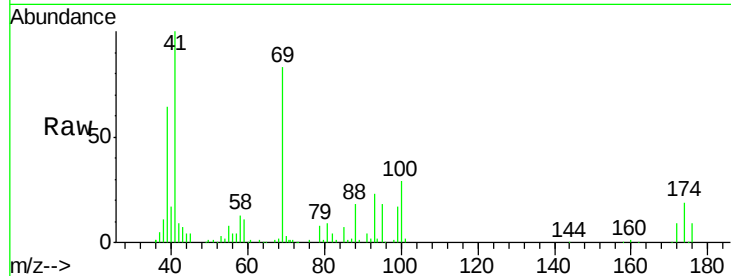
#49
 1,4-Dioxane
 Concen: 995.916 ug/l
 RT: 9.45 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	24837
Ion	Ratio	Lower	Upper
88	100		
43	39.5	28.3	42.5
58	76.4	56.1	84.1

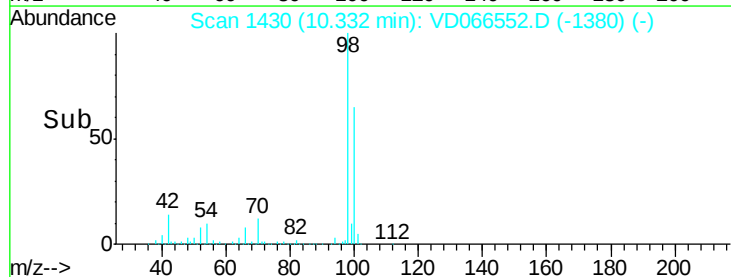
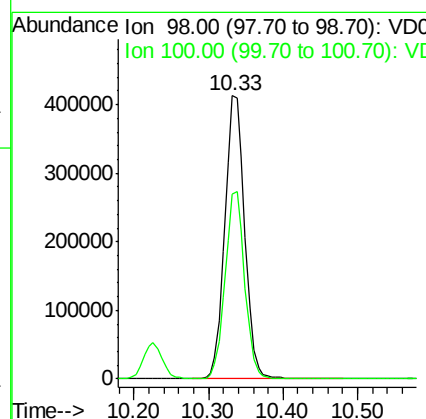
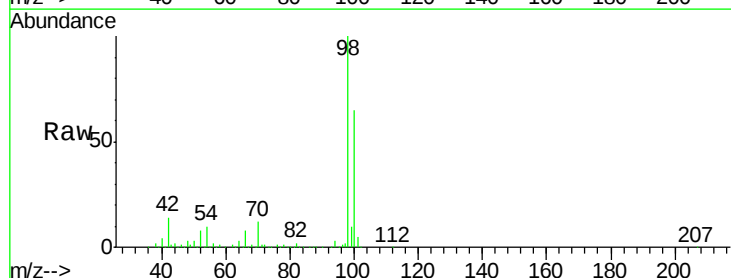
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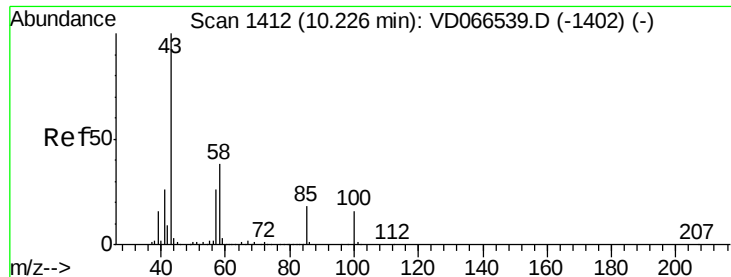
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#50
 Toluene-d8
 Concen: 55.045 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Tgt Ion	98	Resp	762922
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 265.371 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 610958

Ion Ratio Lower Upper

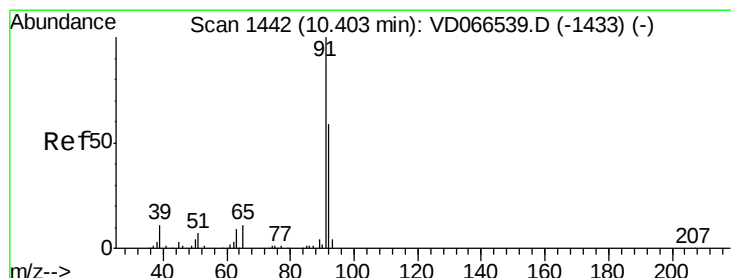
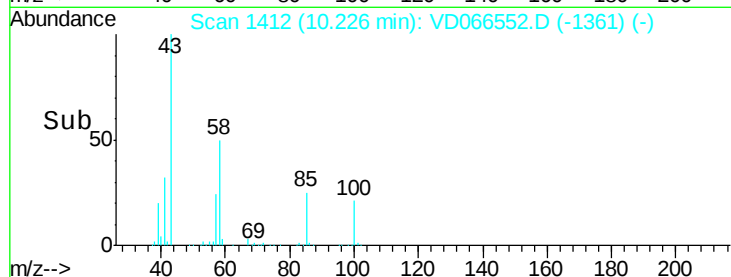
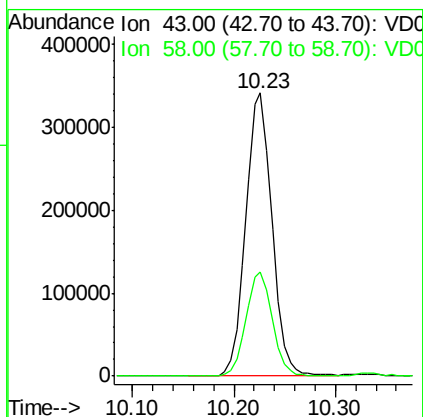
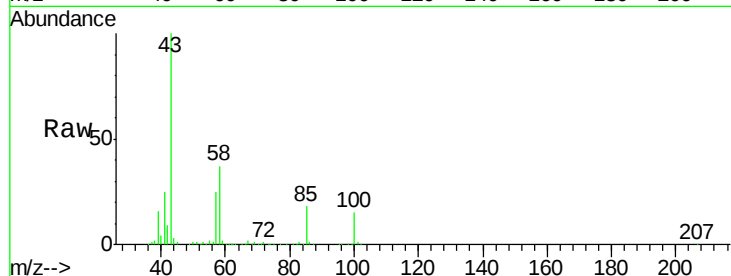
43 100

58 37.0 30.5 45.7

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#52

Toluene

Concen: 51.246 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066552.D

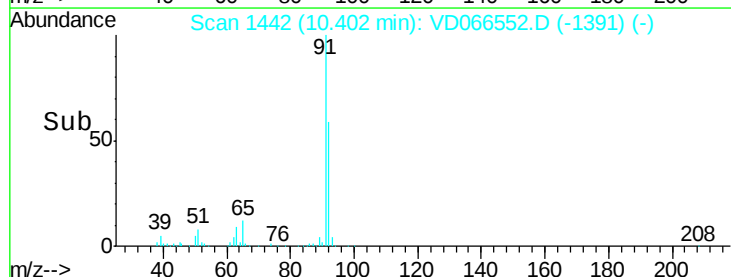
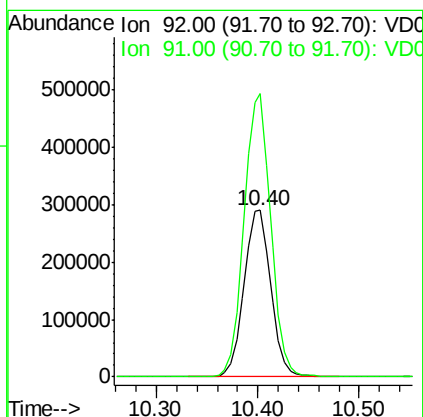
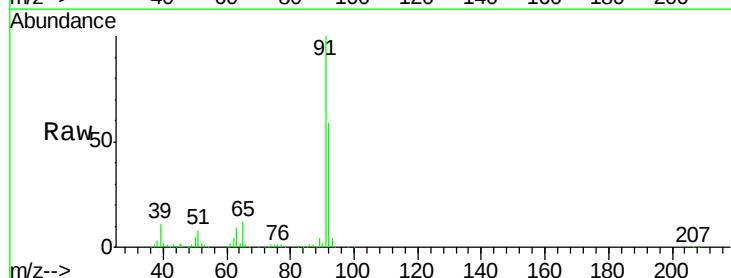
Acq: 03 Sep 2020 23:40

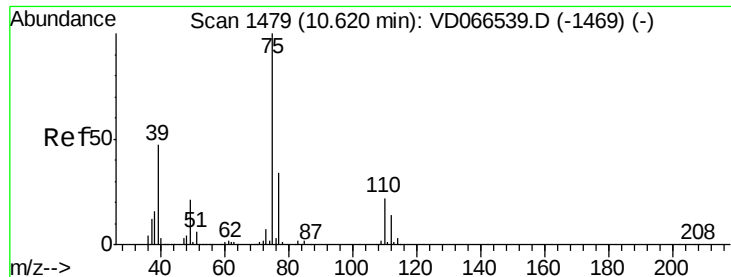
Tgt Ion: 92 Resp: 531486

Ion Ratio Lower Upper

92 100

91 169.4 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 50.855 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 276102

Ion Ratio Lower Upper

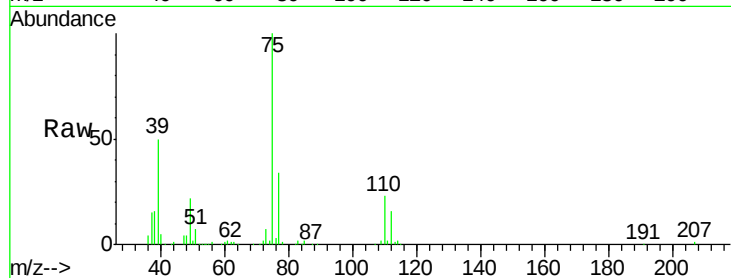
75 100

77 33.9 27.4 41.2

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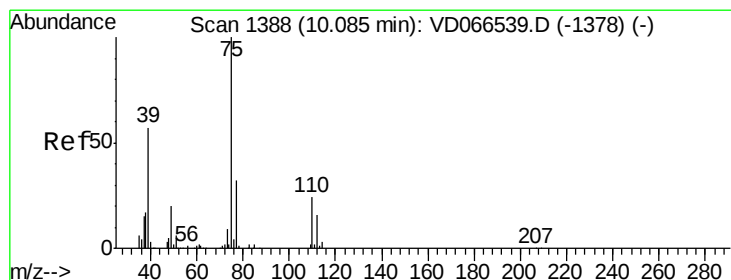
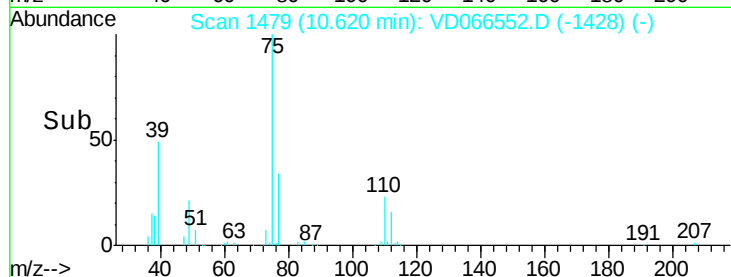
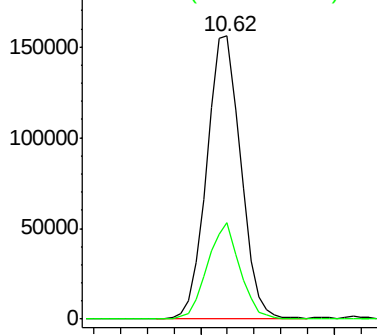
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Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 50.016 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

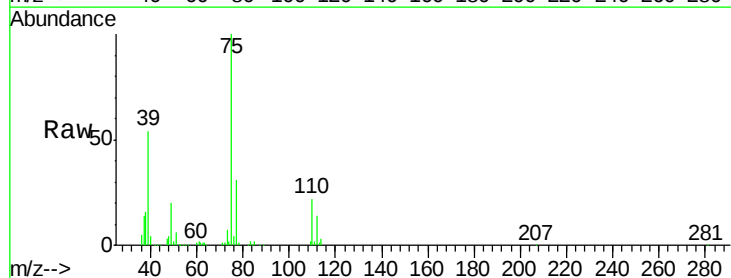
Tgt Ion: 75 Resp: 326100

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

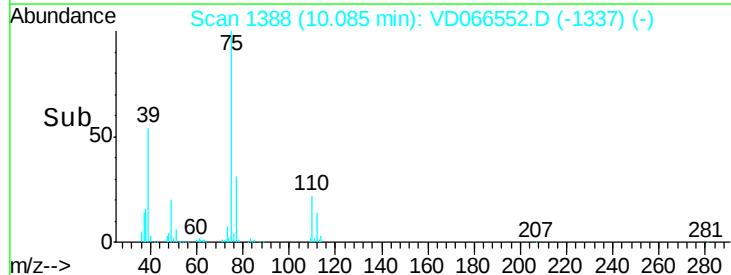
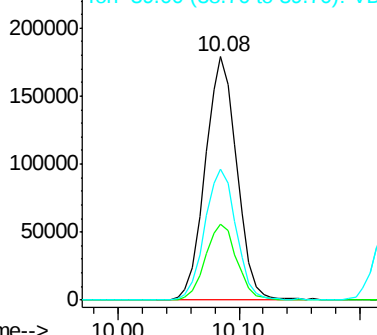
39 54.1 45.4 68.0

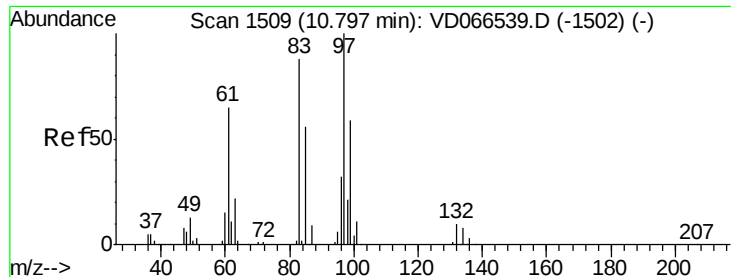


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





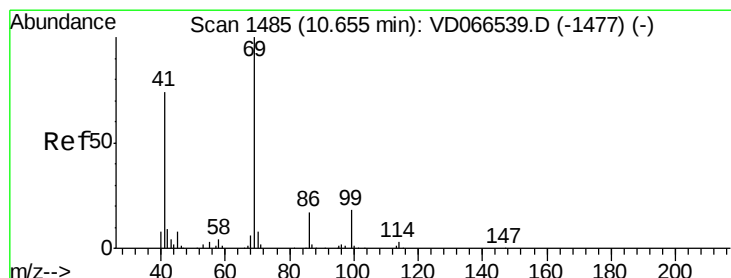
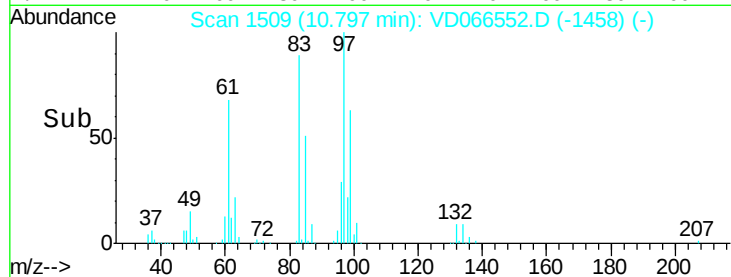
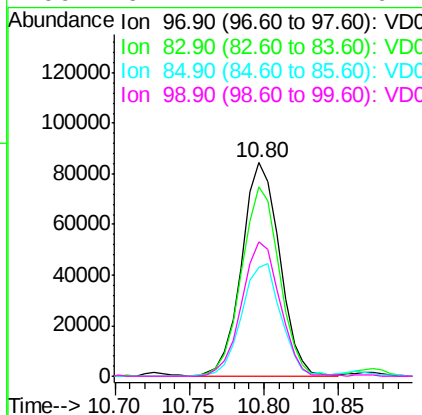
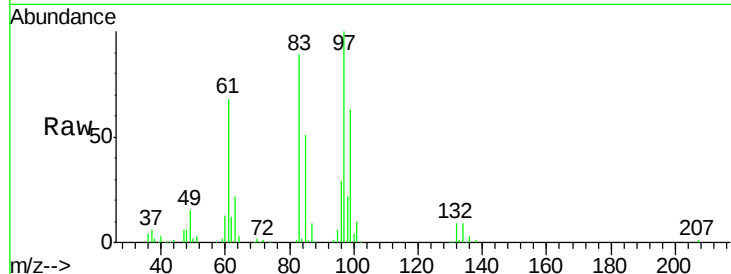
#55
 1,1,2-Trichloroethane
 Concen: 51.059 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	149233
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.1	105.1
85	51.2	44.5	66.7
99	62.7	47.1	70.7

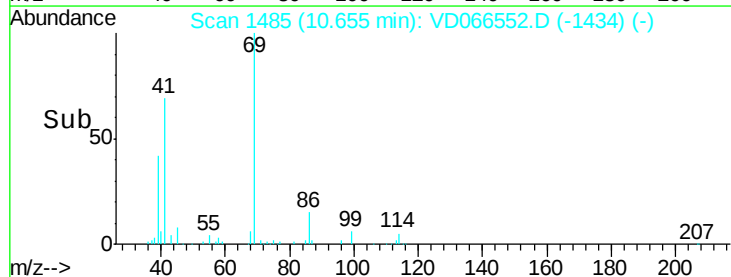
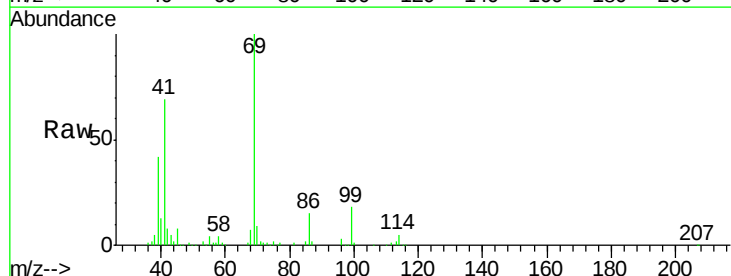
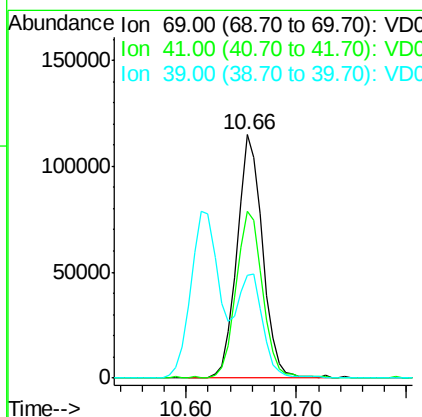
Manual Integrations
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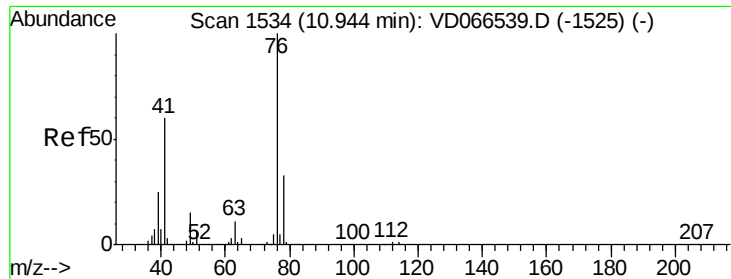
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#56
 Ethyl methacrylate
 Concen: 54.982 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Tgt Ion:	69	Resp:	187110
Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.8	85.2
39	43.4	30.6	46.0





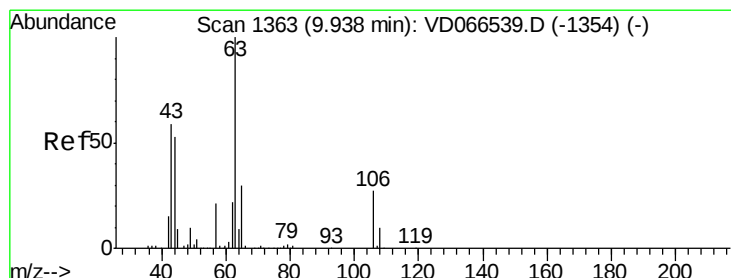
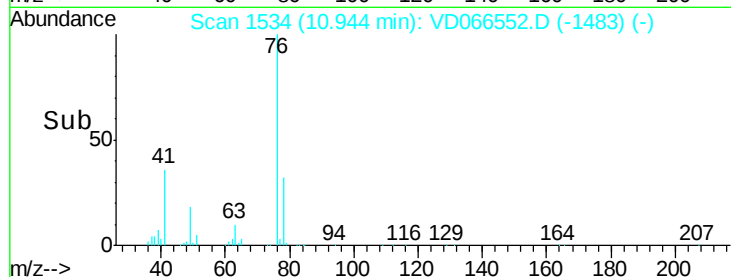
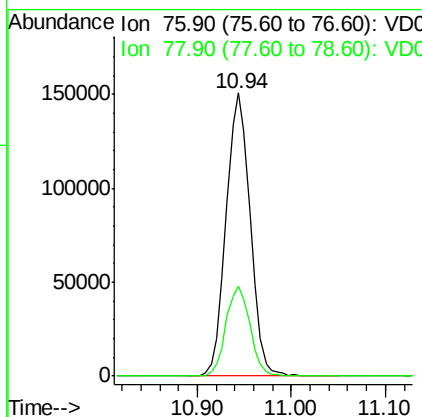
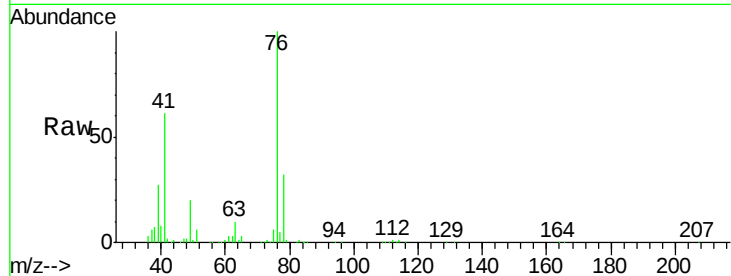
#57
 1,3-Dichloropropane
 Concen: 52.463 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

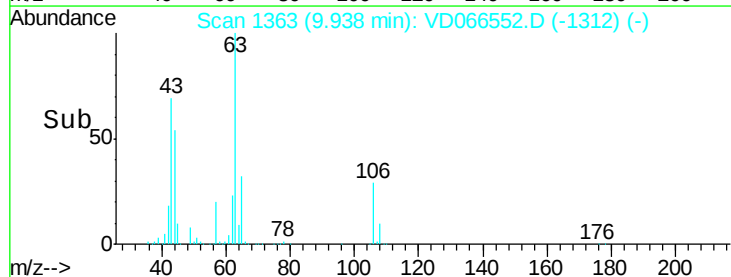
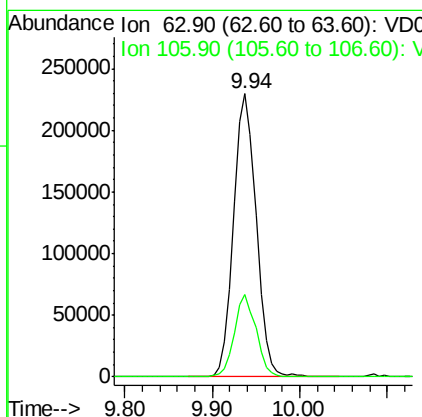
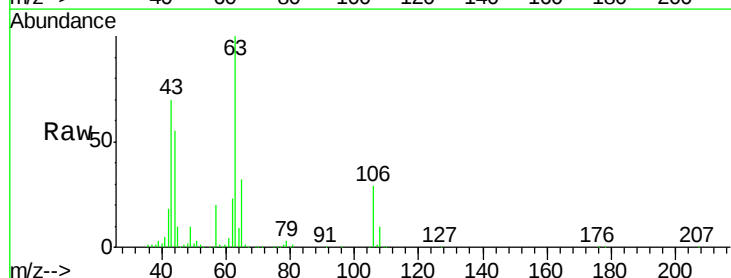
Manual Integrations
 APPROVED

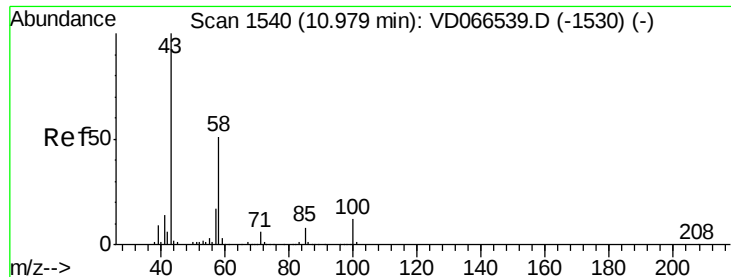
MMDadoda
 9/4/2020 4:55:07 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.480 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.0	33.0





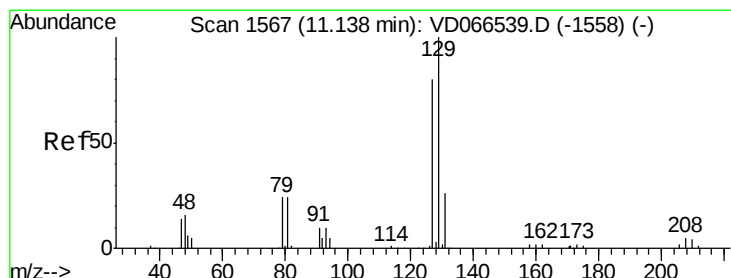
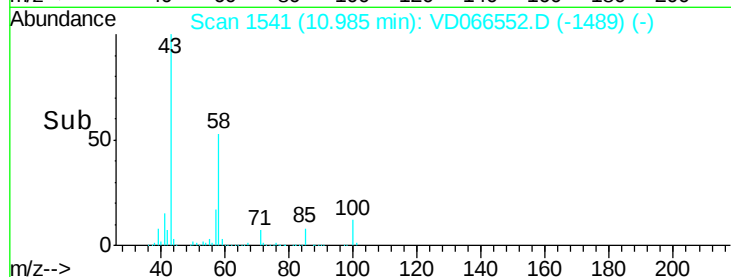
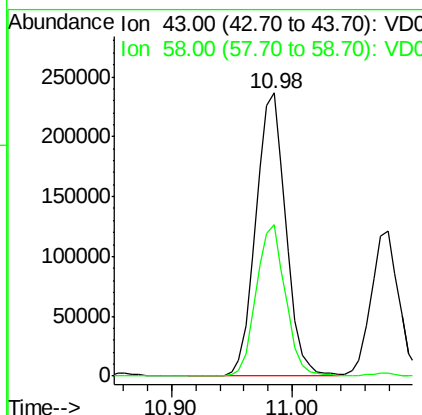
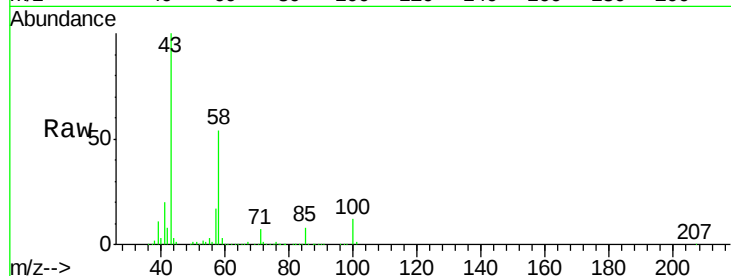
#59
2-Hexanone
Concen: 264.644 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 409732
Ion Ratio Lower Upper
43 100
58 52.1 25.6 76.8

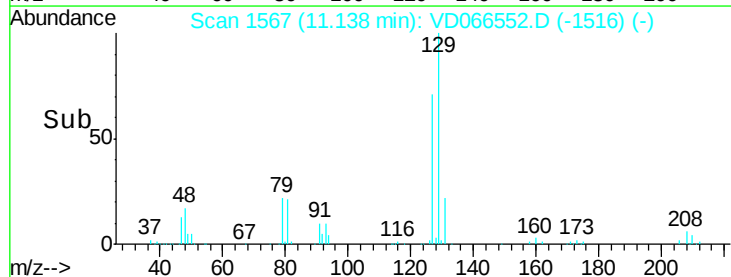
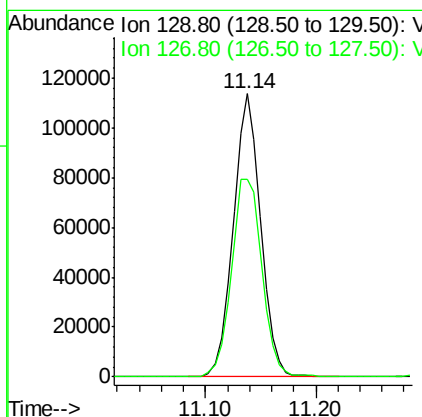
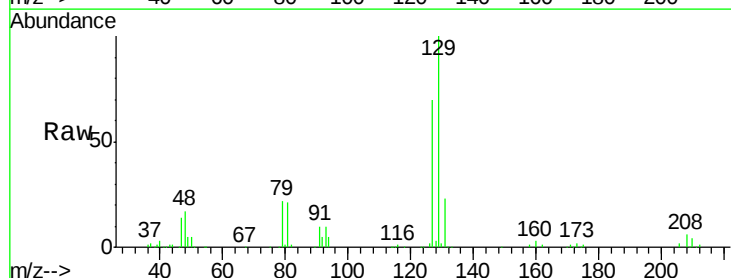
Manual Integrations
APPROVED

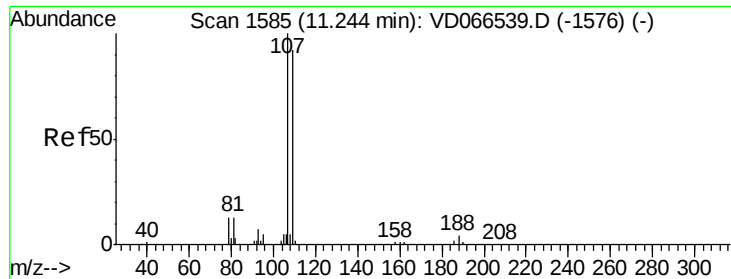
MMDadoda
9/4/2020 4:55:07 PM



#60
Dibromochloromethane
Concen: 51.170 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion: 129 Resp: 197771
Ion Ratio Lower Upper
129 100
127 78.0 39.5 118.3





#61

1,2-Dibromoethane

Concen: 50.304 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 143040

Ion Ratio Lower Upper

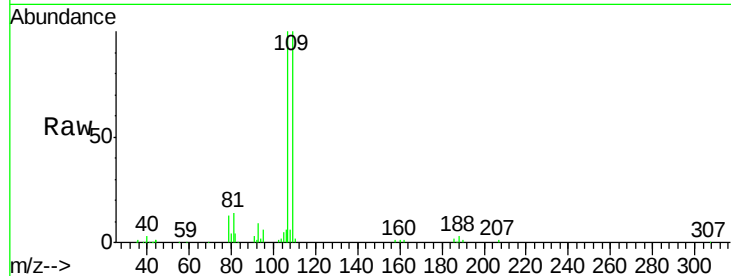
107 100

109 96.1 74.4 111.6

Manual Integrations
APPROVED

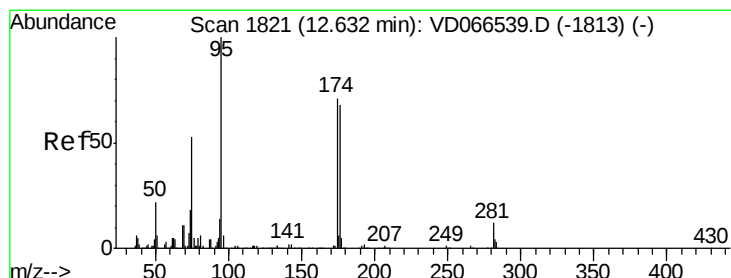
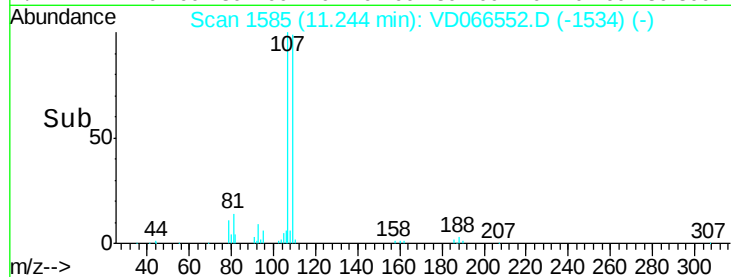
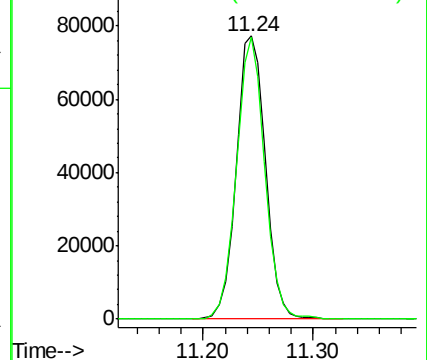
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.321 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

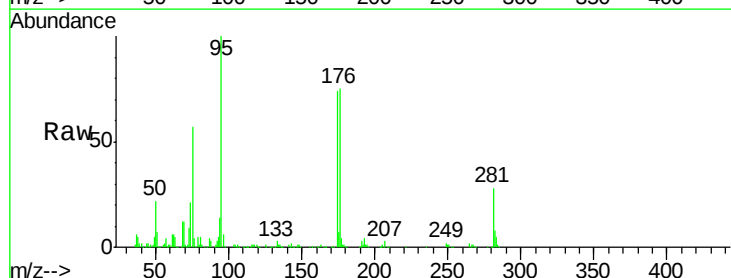
Tgt Ion: 95 Resp: 258844

Ion Ratio Lower Upper

95 100

174 75.5 0.0 155.8

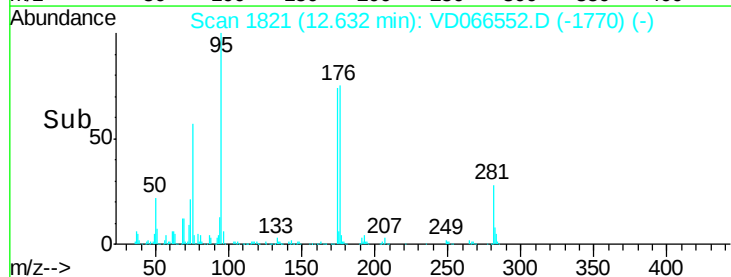
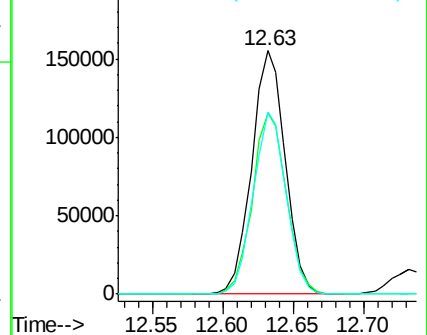
176 73.4 0.0 148.6

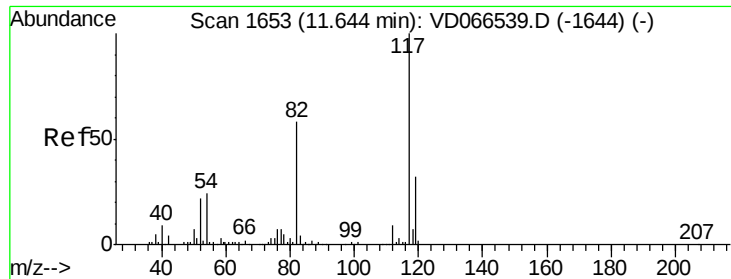


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





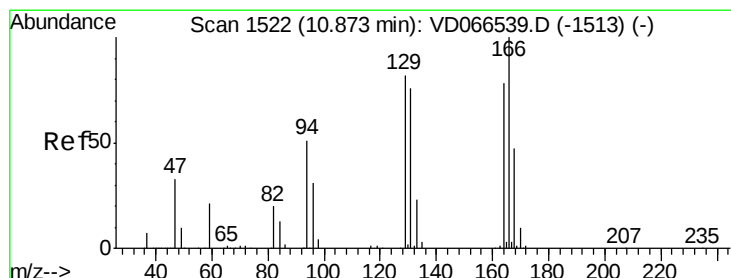
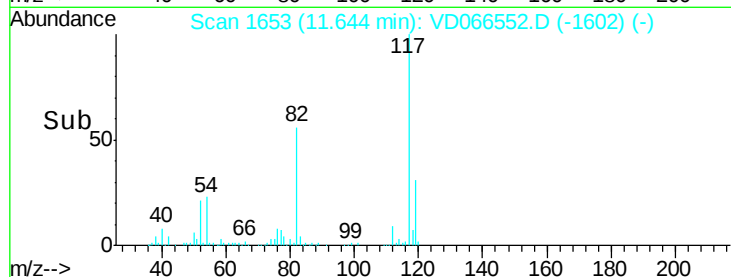
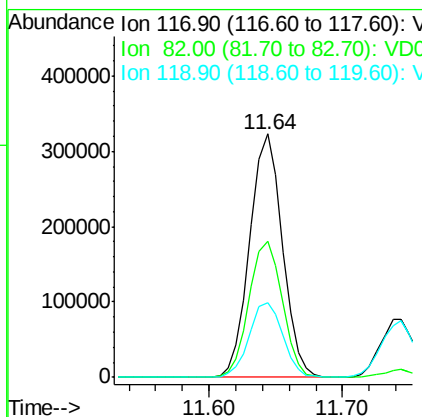
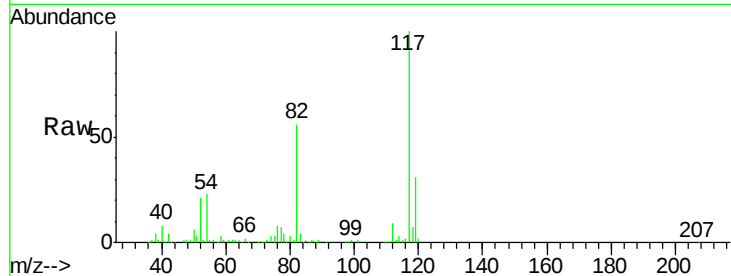
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	546646		
82	55.9	46.2	69.2	
119	30.7	25.8	38.8	

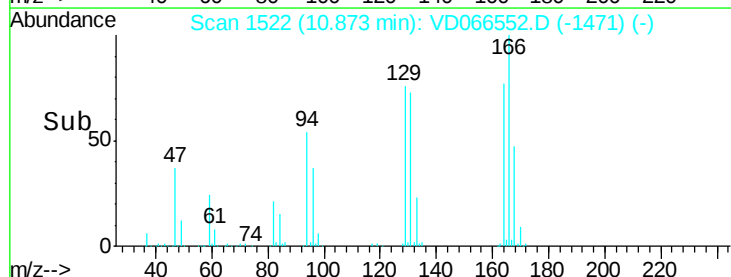
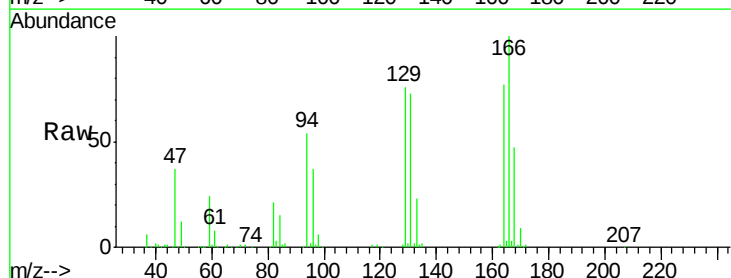
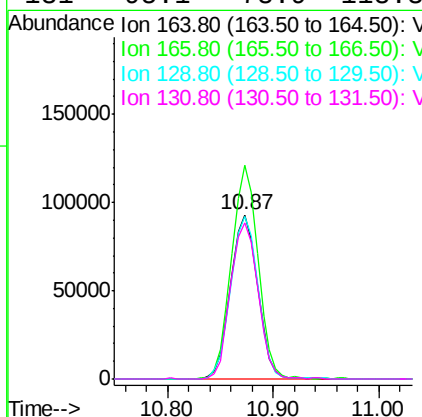
Manual Integrations
APPROVED

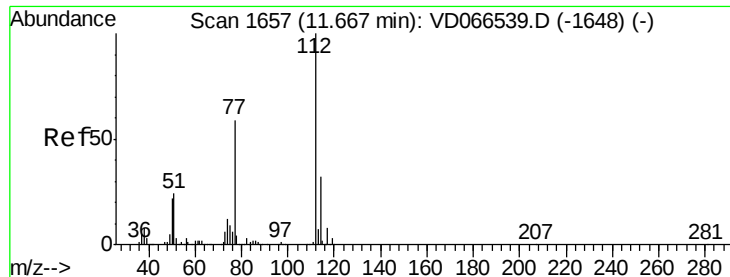
MMDadoda
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#64
Tetrachloroethene
Concen: 45.090 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165957		
166	130.3	103.2	154.8	
129	98.8	84.5	126.7	
131	95.1	78.9	118.3	





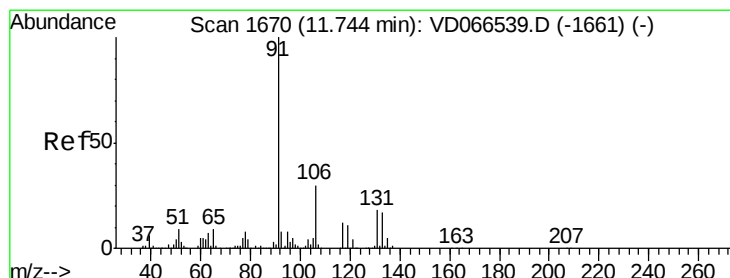
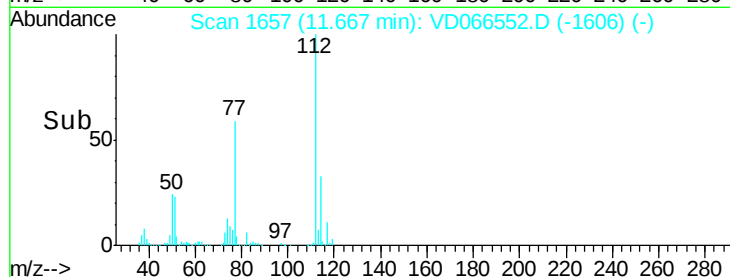
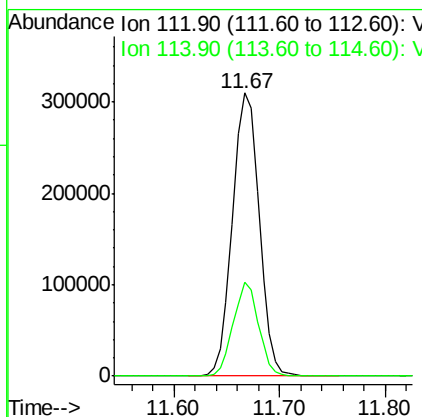
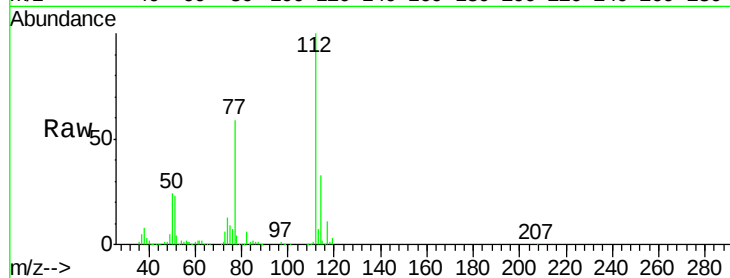
#65
Chlorobenzene
Concen: 48.076 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 542413
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5

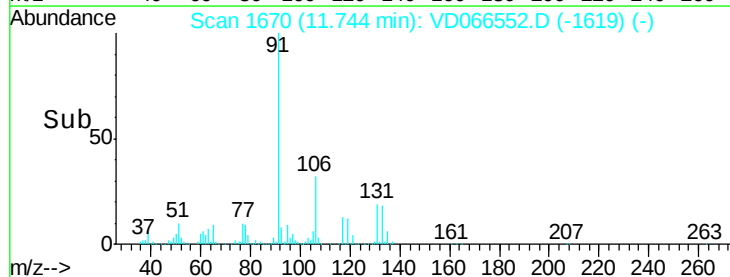
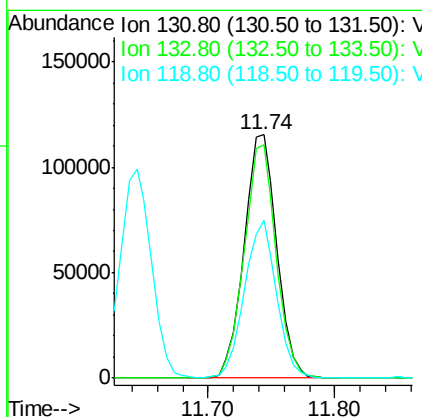
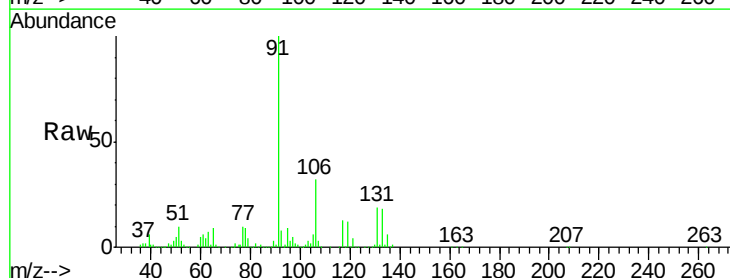
Manual Integrations
APPROVED

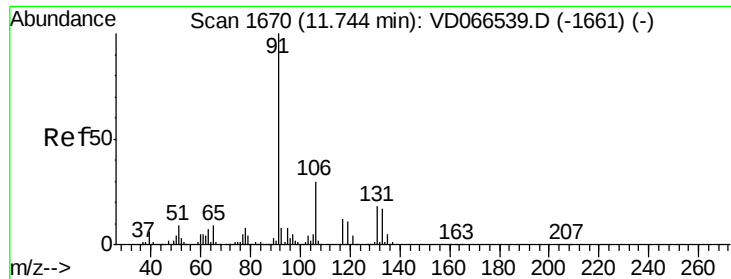
MMDadoda
9/4/2020 4:55:07 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.107 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion:131 Resp: 207144
Ion Ratio Lower Upper
131 100
133 93.9 46.7 140.0
119 63.5 31.9 95.7





#67

Ethyl Benzene

Concen: 47.988 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 994148

Ion Ratio Lower Upper

91 100

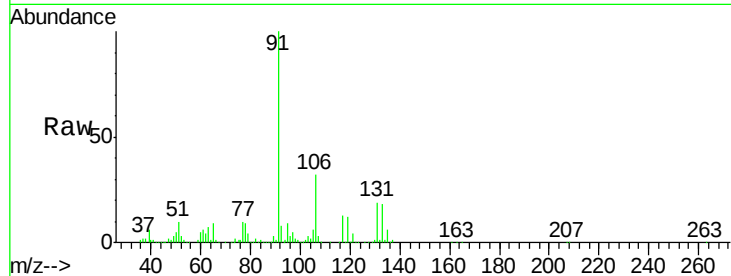
106 32.3 24.3 36.5

Manual Integrations

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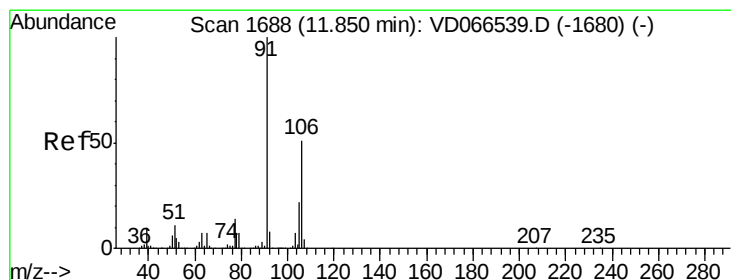
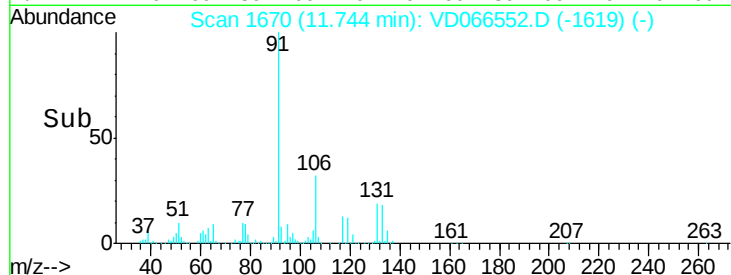
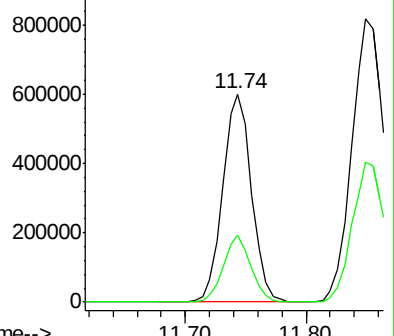
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 98.369 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066552.D

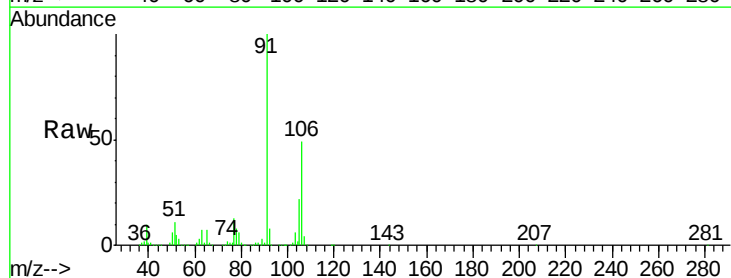
Acq: 03 Sep 2020 23:40

Tgt Ion: 106 Resp: 756665

Ion Ratio Lower Upper

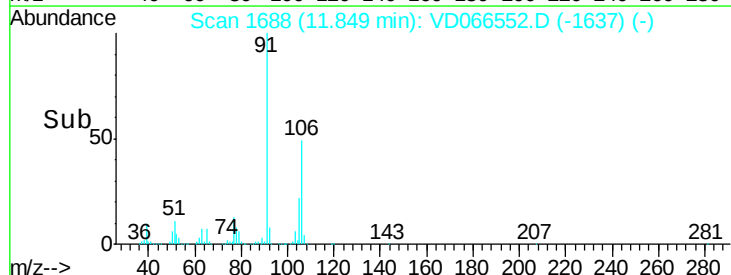
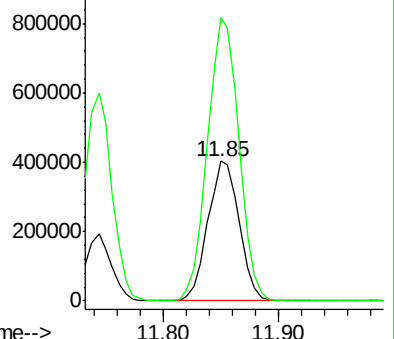
106 100

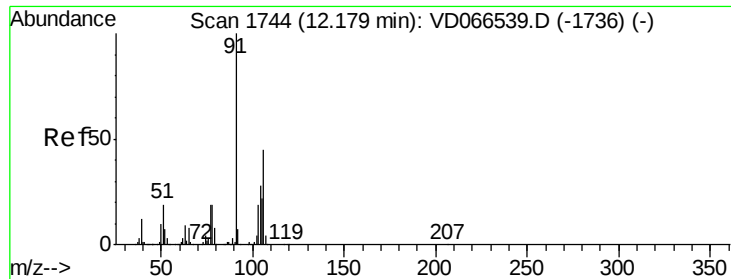
91 203.8 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC





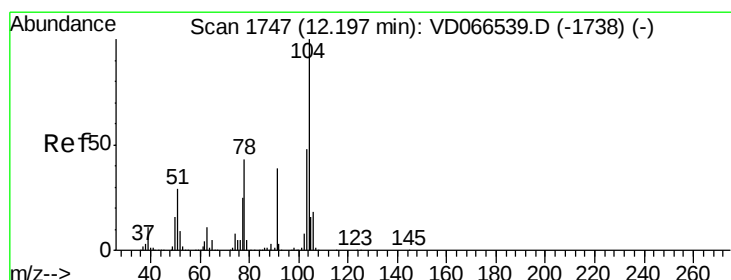
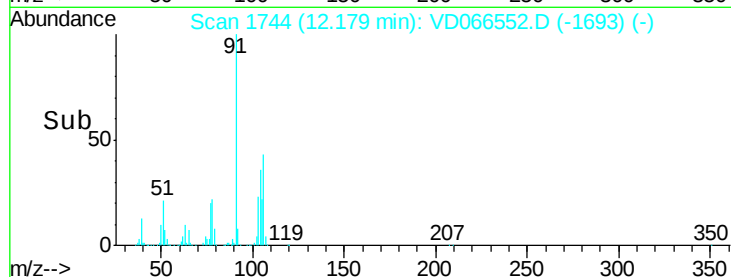
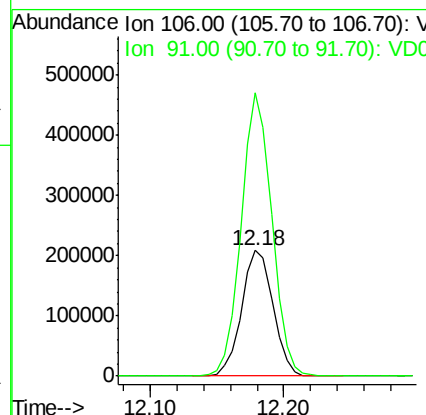
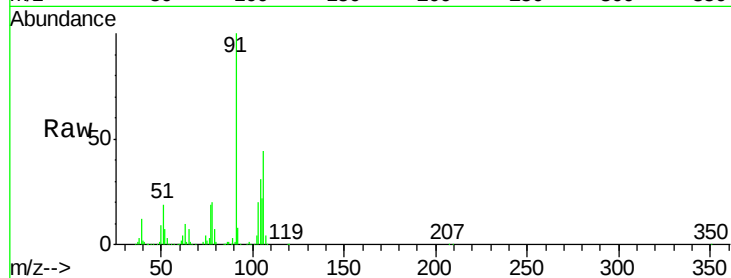
#69
o-Xylene
Concen: 49.190 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.7	107.9	323.8

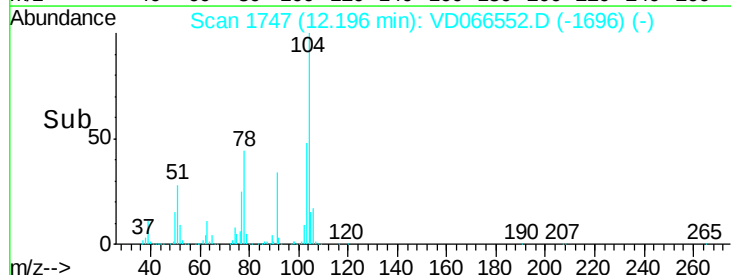
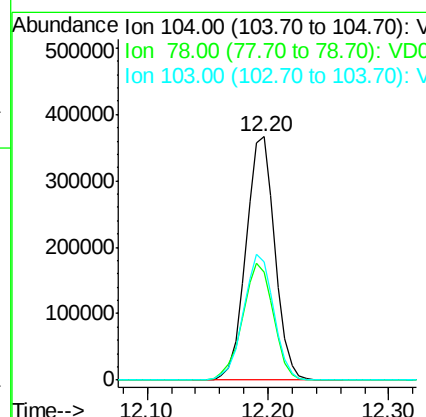
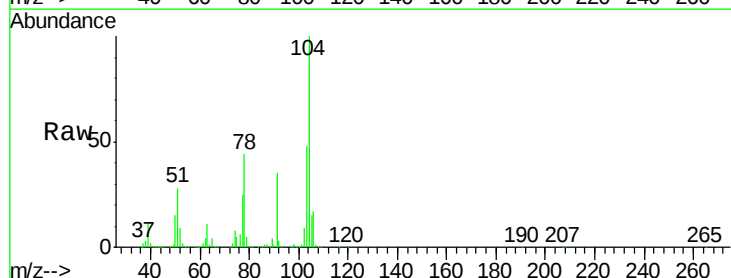
Manual Integrations
APPROVED

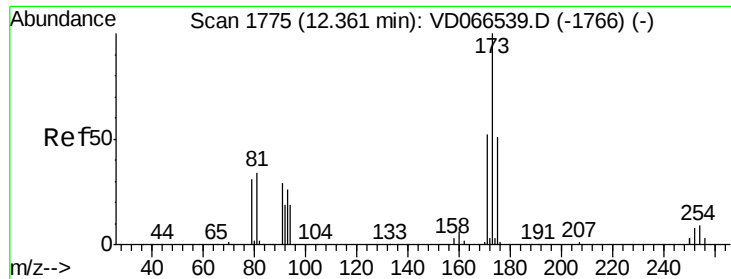
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#70
Styrene
Concen: 51.069 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.3	40.7	61.1
103	54.3	42.9	64.3





#71

Bromoform

Concen: 48.719 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

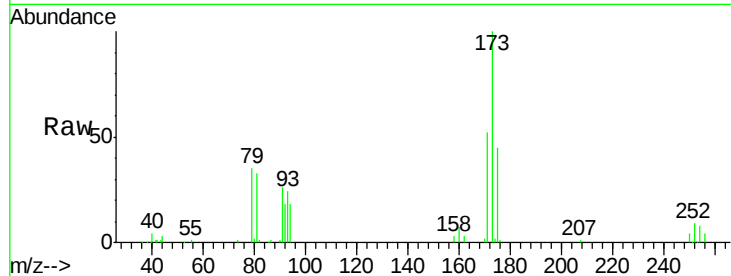
ClientSampleId :

VSTDCCC050EC

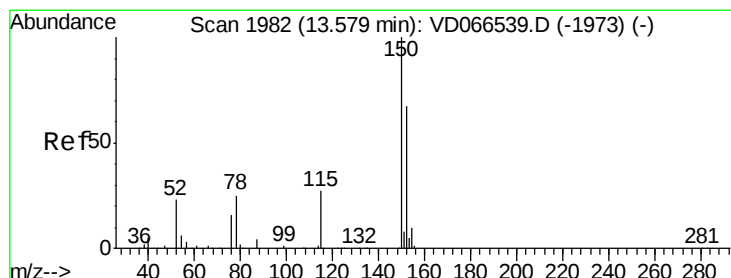
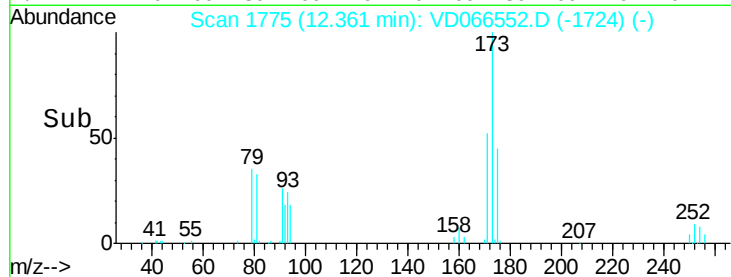
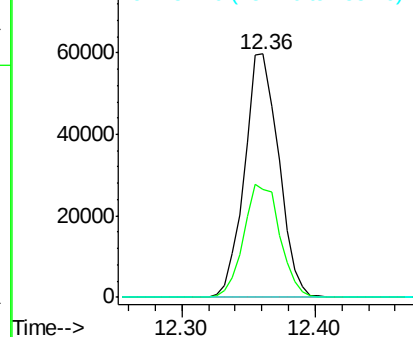
Tot Ion:	173	Resp:	105724
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

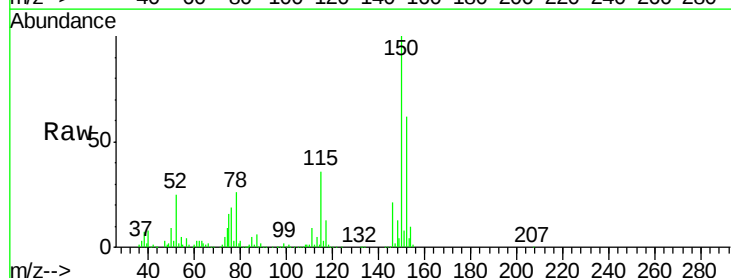
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

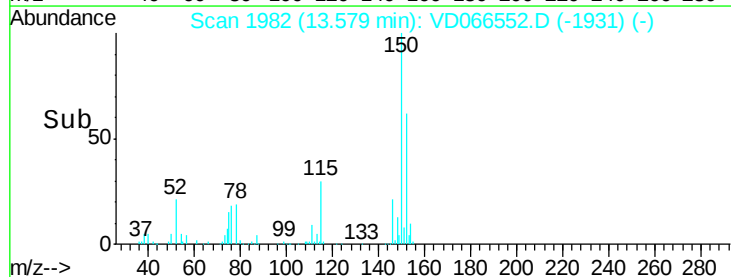
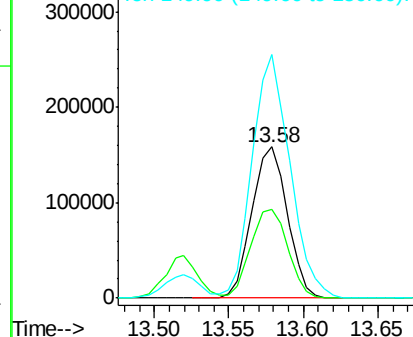
Lab File: VD066552.D

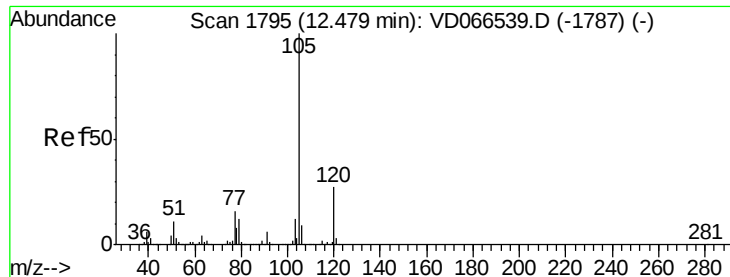
Acq: 03 Sep 2020 23:40

Tgt Ion:	152	Resp:	260461
Ion Ratio	Lower	Upper	
152	100		
115	61.5	30.4	91.2
150	171.7	0.0	345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.094 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 927458

Ion Ratio Lower Upper

105 100

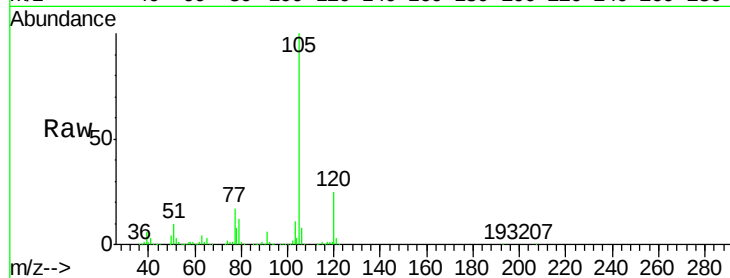
120 25.8 13.0 39.0

Manual Integrations

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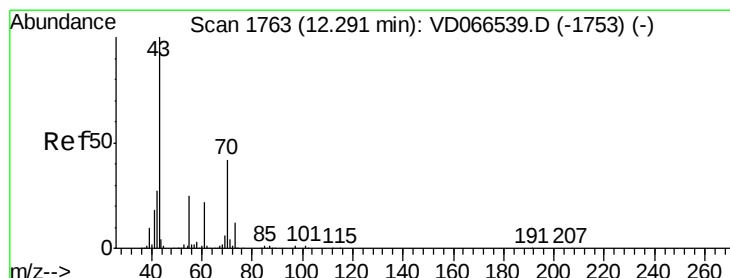
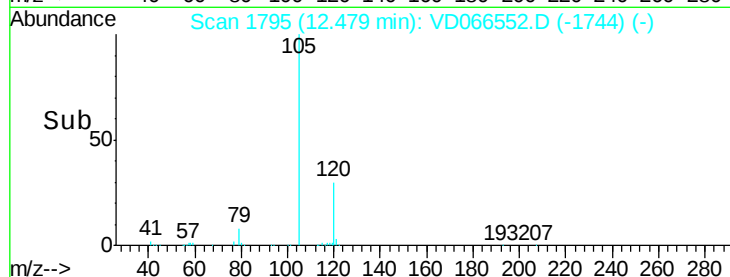
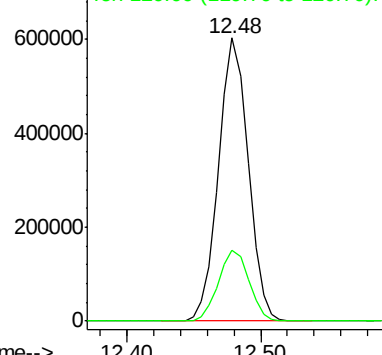
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.219 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Tgt Ion: 43 Resp: 210604

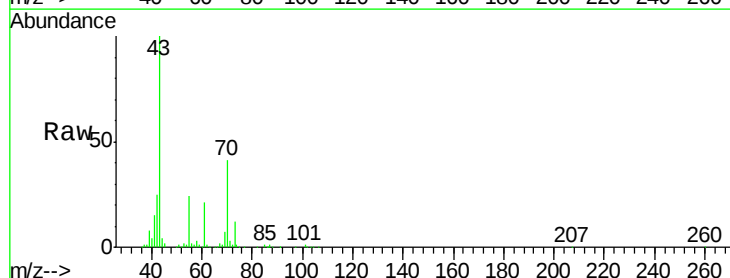
Ion Ratio Lower Upper

43 100

70 41.1 33.4 50.2

55 24.7 20.1 30.1

61 22.7 18.2 27.2

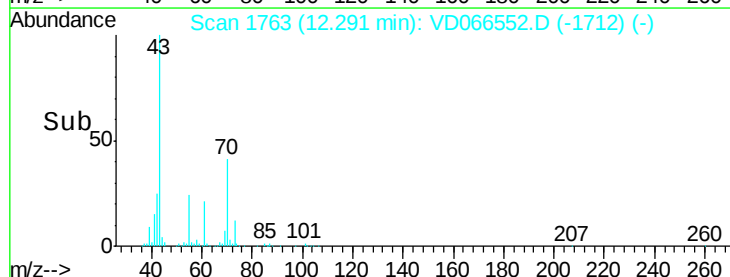
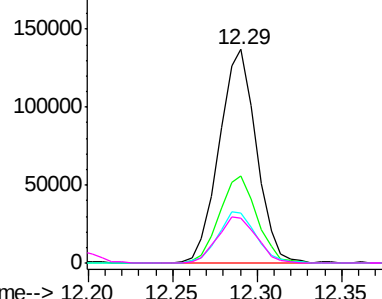


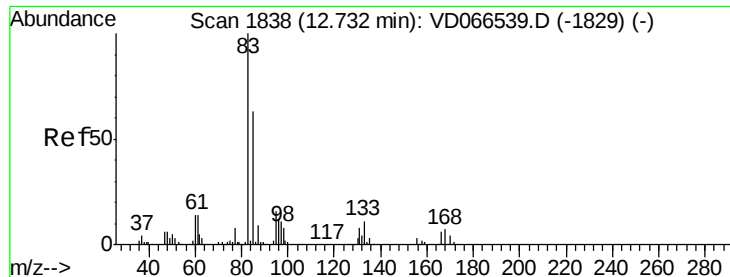
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 47.136 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

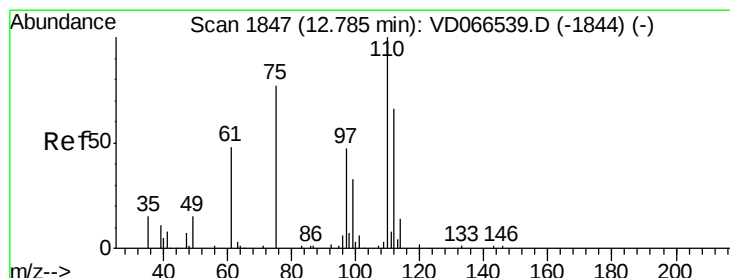
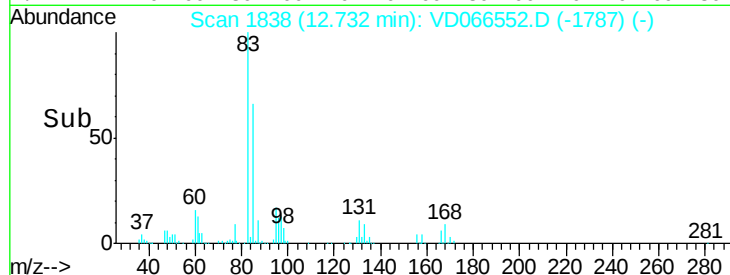
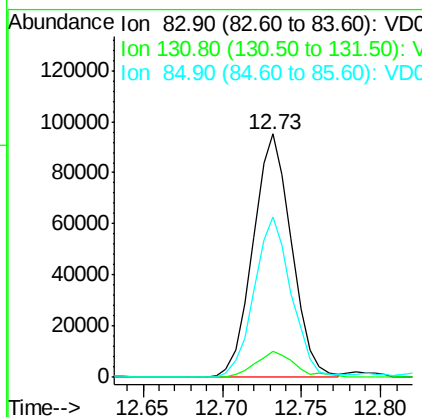
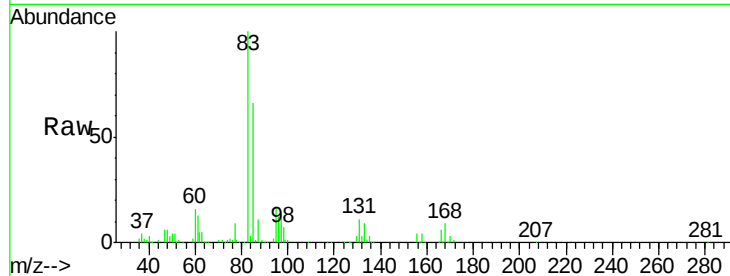
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	160588
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.0	15.0
85	63.6	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.490 ug/l m

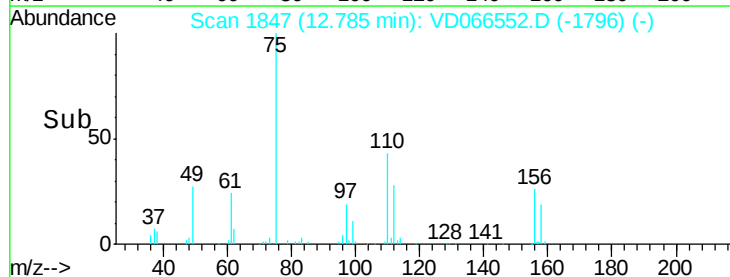
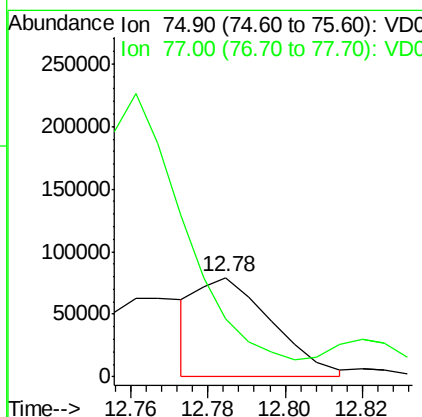
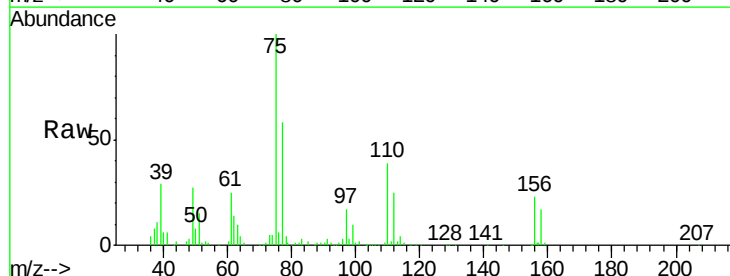
RT: 12.78 min Scan# 1847

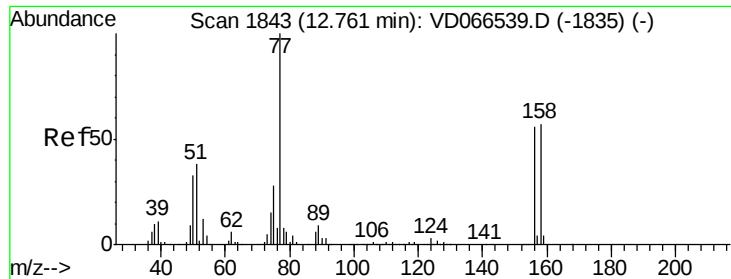
Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Tgt Ion:	75	Resp:	106434
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.063 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA_D

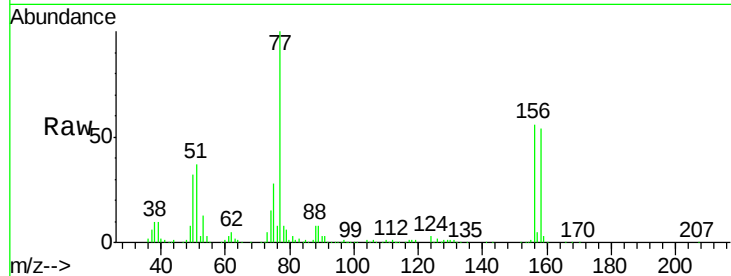
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	210937
Ion	Ratio	Lower	Upper
156	100		
77	194.6	98.0	294.1
158	95.8	48.1	144.3

Manual Integrations
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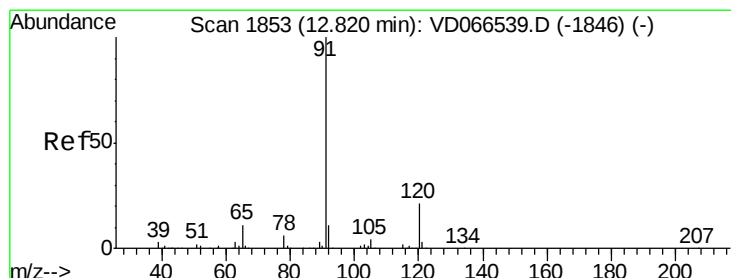
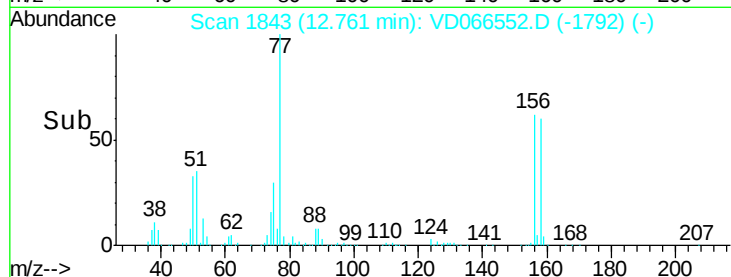
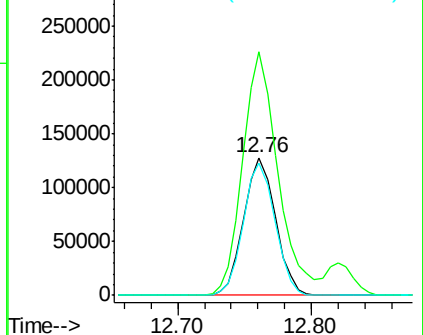
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.566 ug/l

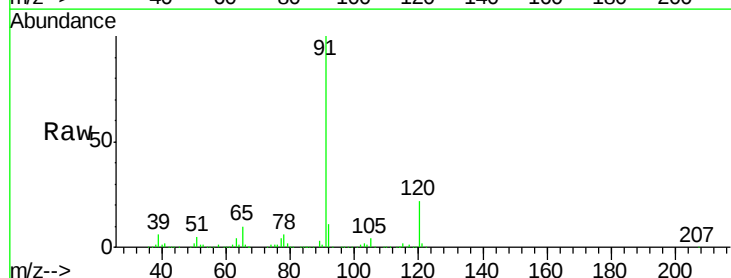
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066552.D

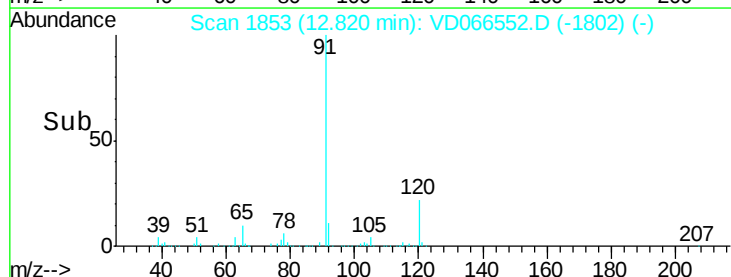
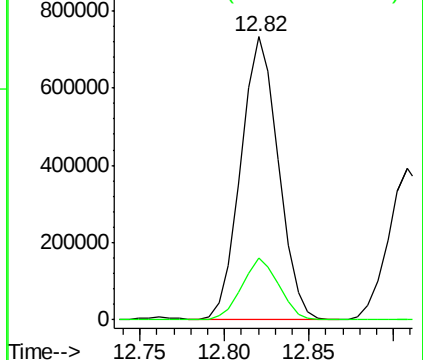
Acq: 03 Sep 2020 23:40

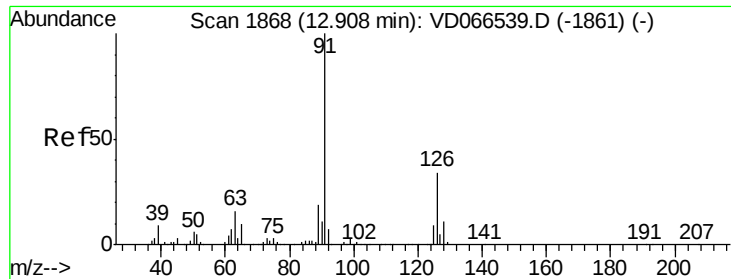
Tgt Ion:	91	Resp:	1135345
Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





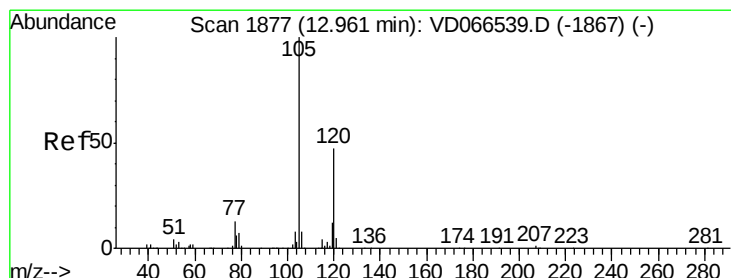
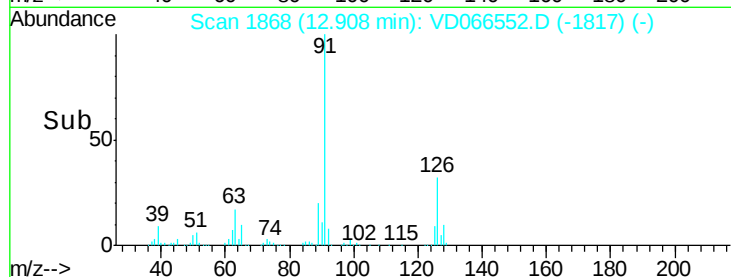
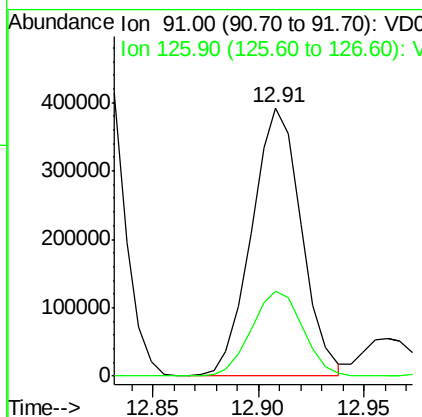
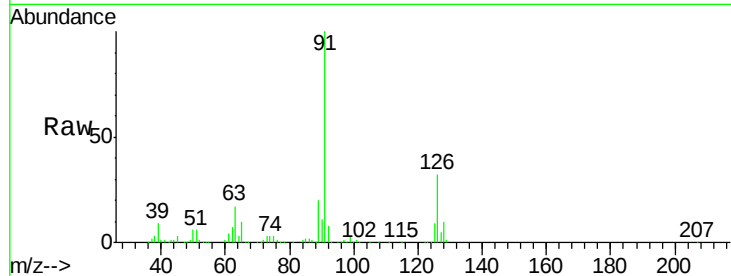
#79
2-Chlorotoluene
Concen: 48.775 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 639673
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

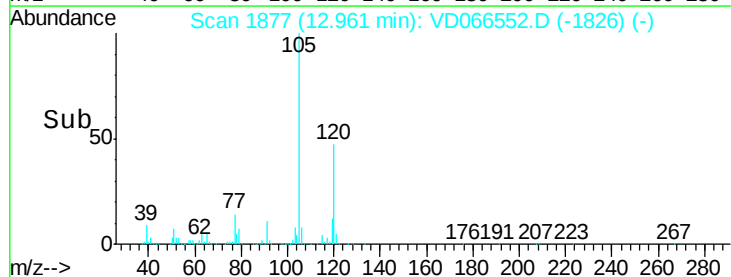
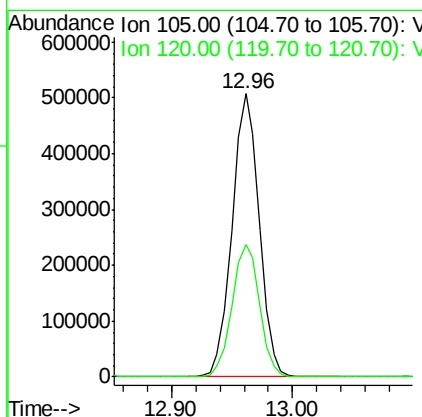
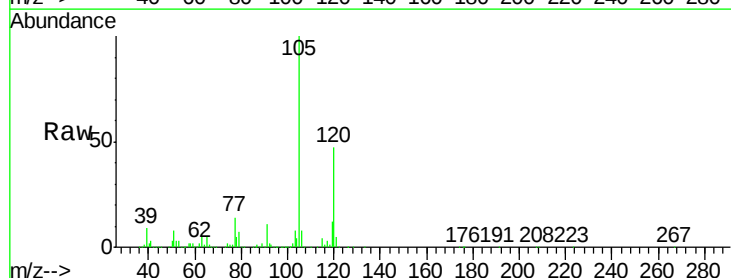
Manual Integrations
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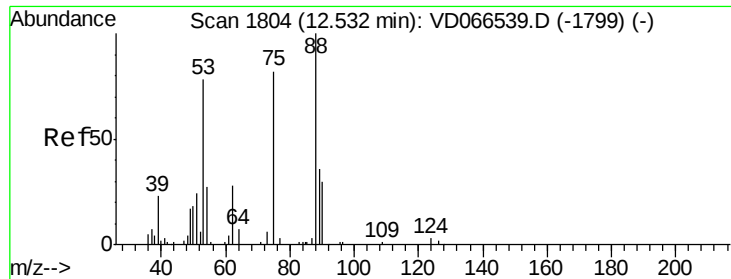
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#80
1,3,5-Trimethylbenzene
Concen: 48.712 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion: 105 Resp: 790651
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.8





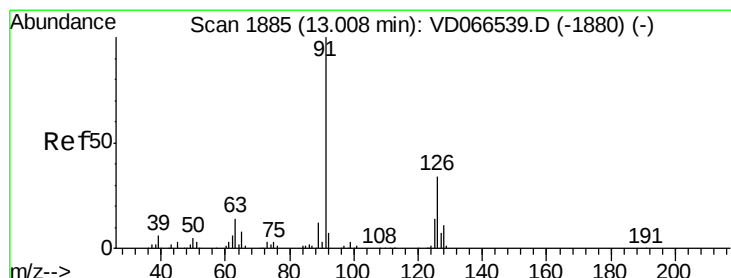
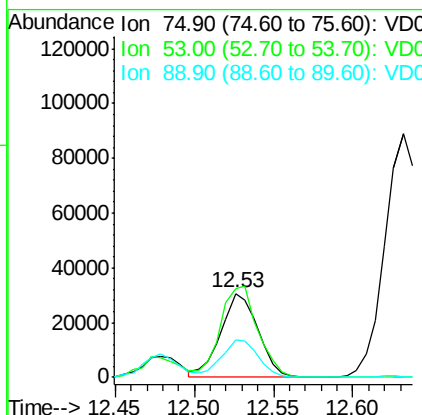
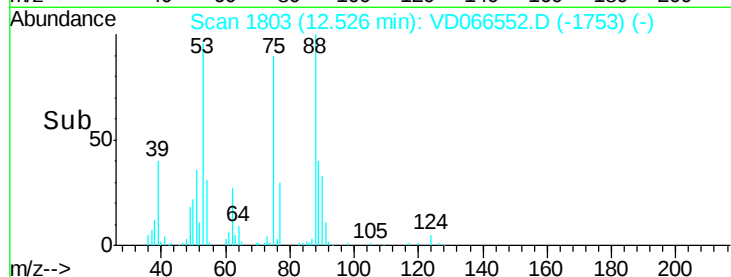
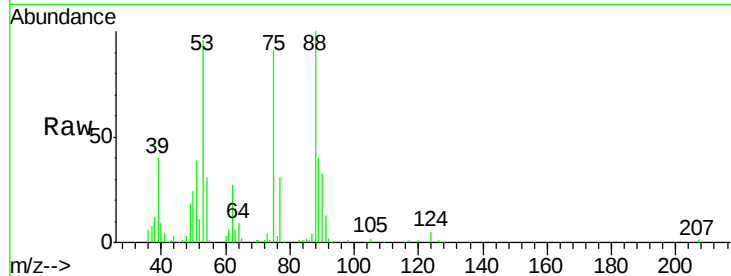
#81
trans-1,4-Dichloro-2-butene
Concen: 47.088 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.9	87.0	130.4
89	42.9	37.1	55.7

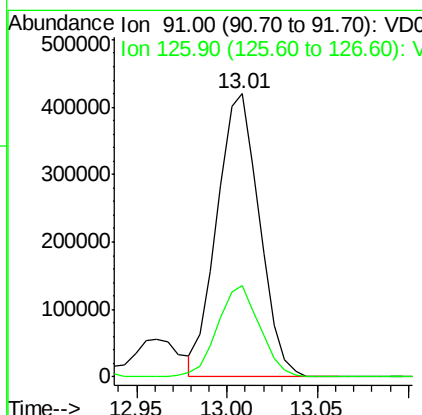
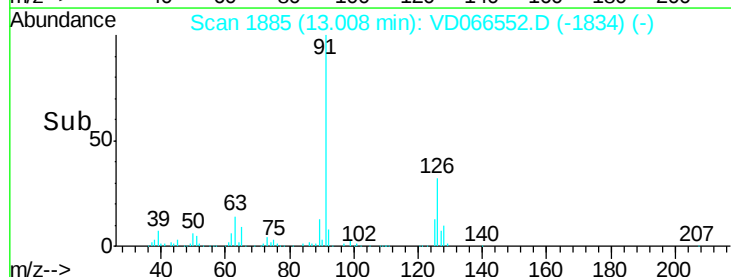
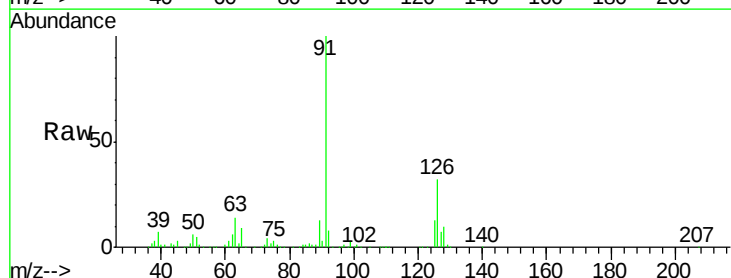
Manual Integrations
APPROVED

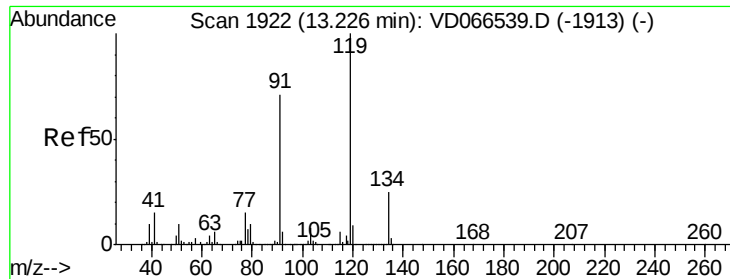
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.671 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.1





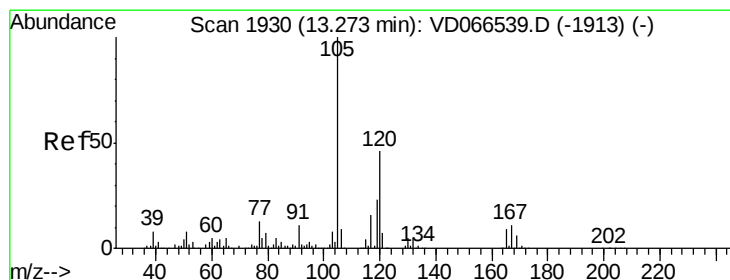
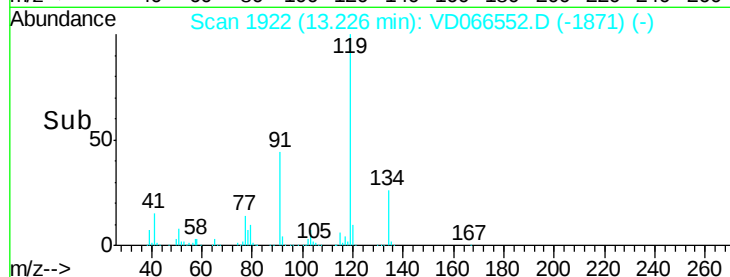
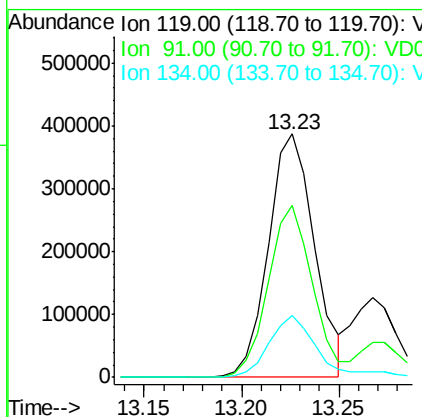
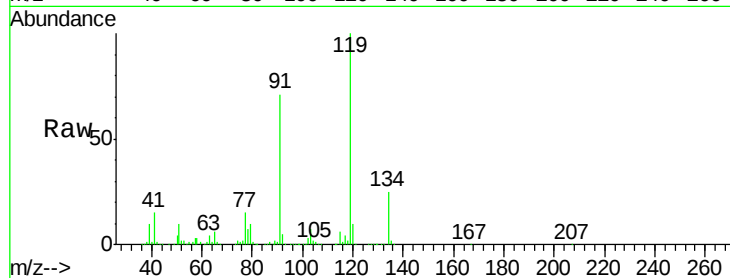
#83
tert-Butylbenzene
Concen: 47.867 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.8	35.2	105.6
134	26.7	13.5	40.5

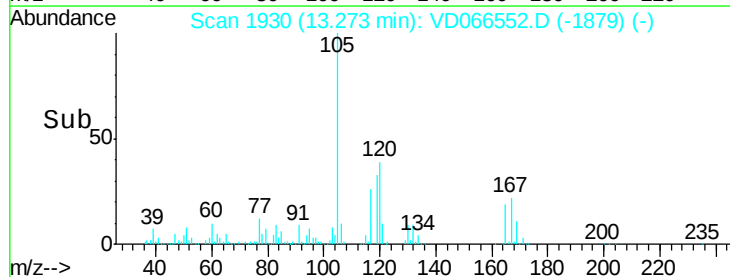
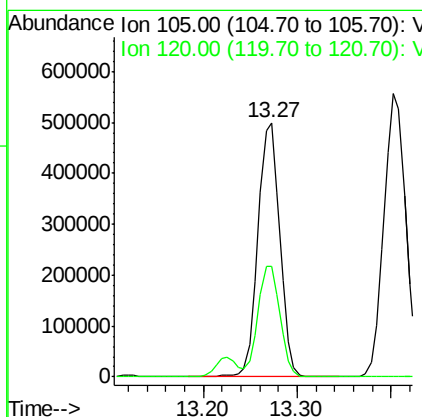
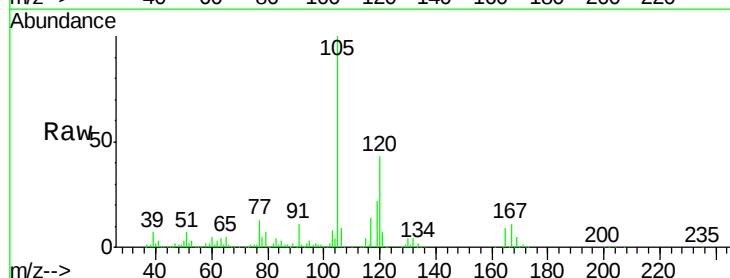
Manual Integrations
APPROVED

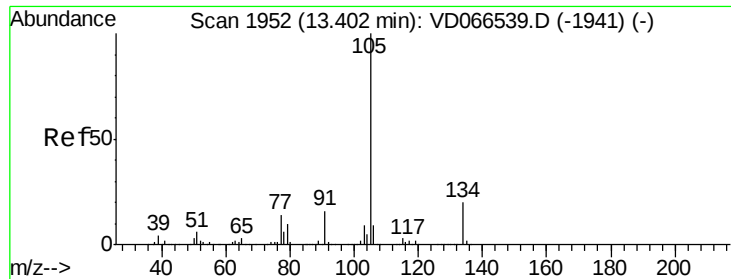
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#84
1,2,4-Trimethylbenzene
Concen: 49.938 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.6	67.7





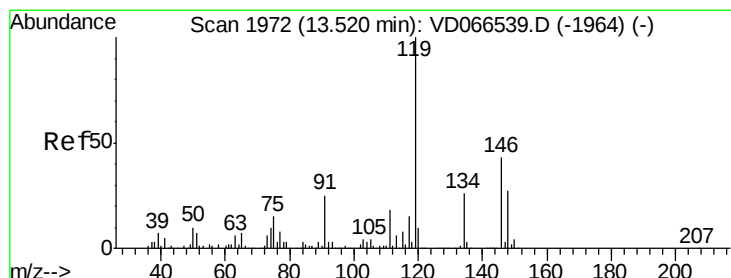
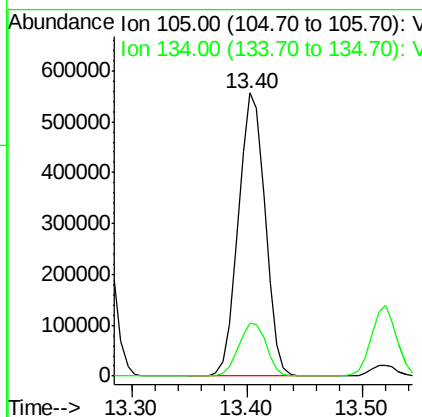
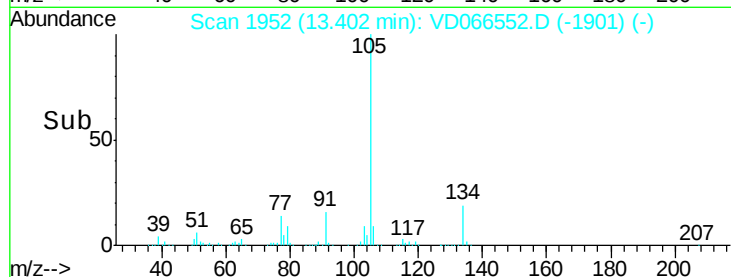
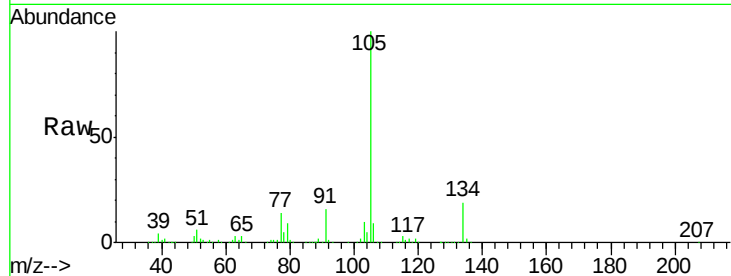
#85
 sec-Butylbenzene
 Concen: 46.809 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	893866		
134	19.3	9.8	29.5	

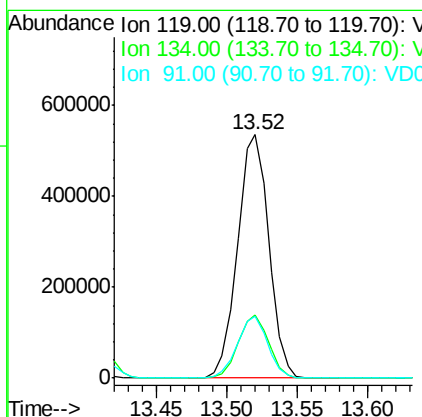
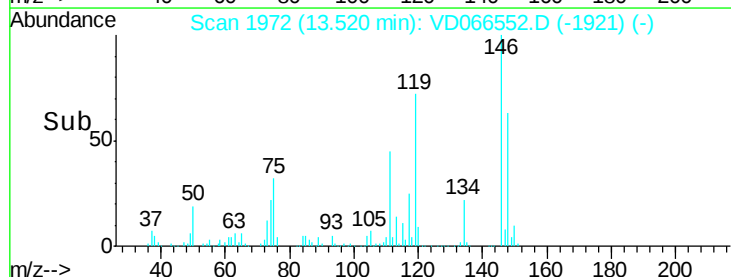
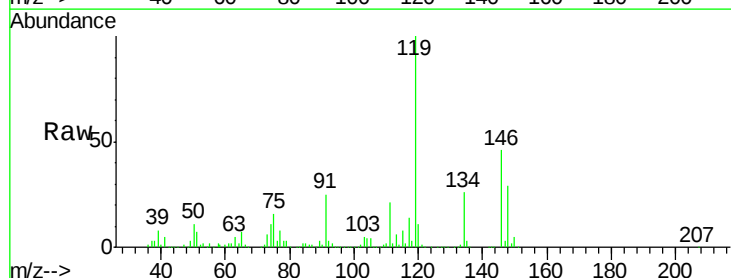
Manual Integrations
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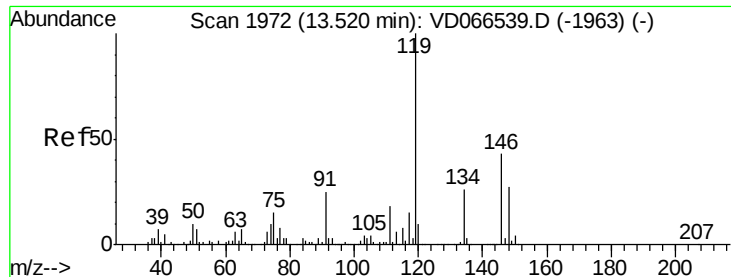
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 9/4/2020 4:55:07 PM



#86
 p-Isopropyltoluene
 Concen: 48.269 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	829629		
134	25.3	12.7	38.0	
91	24.5	12.5	37.5	





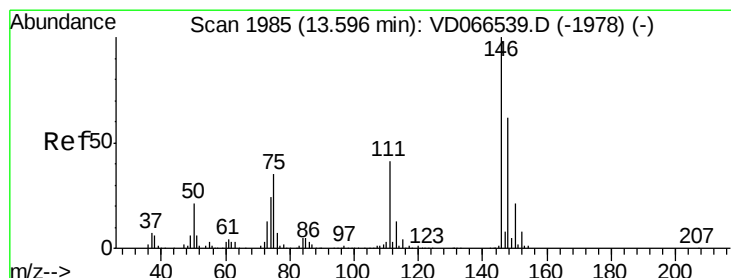
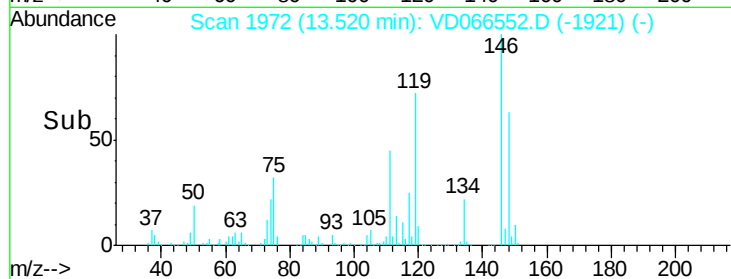
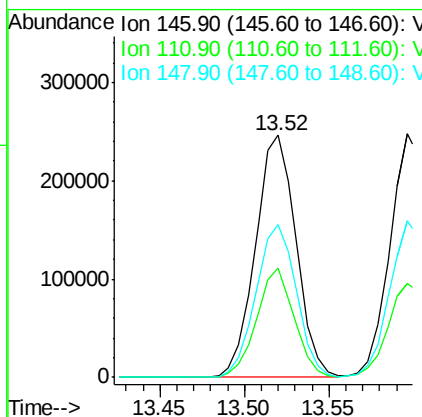
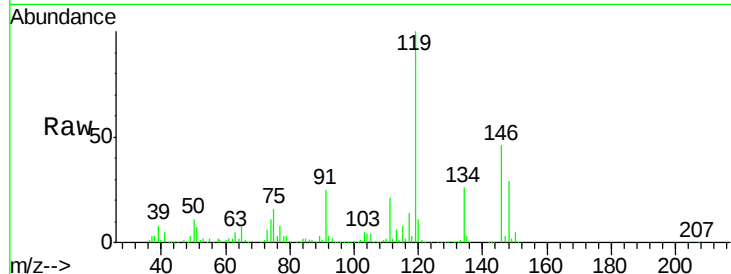
#87
 1,3-Dichlorobenzene
 Concen: 48.058 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	410186		
111	41.9	20.6	61.9	
148	62.9	32.1	96.3	

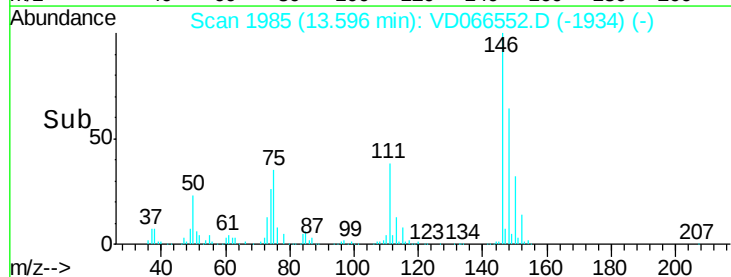
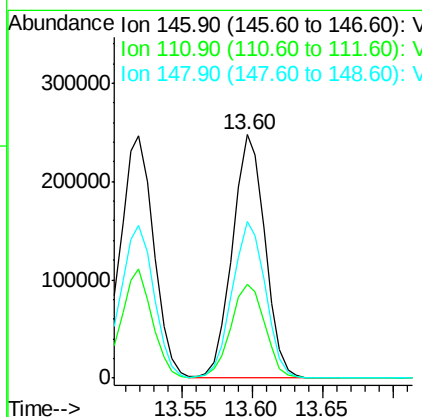
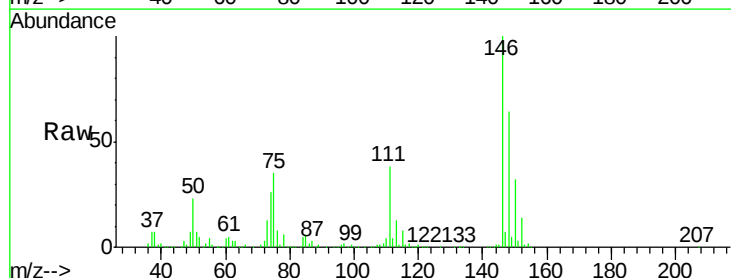
Manual Integrations
 APPROVED

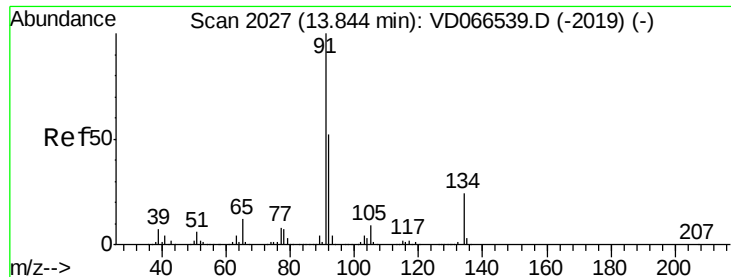
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 9/4/2020 4:55:07 PM



#88
 1,4-Dichlorobenzene
 Concen: 46.695 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	400023		
111	40.4	20.1	60.2	
148	65.3	31.6	94.8	





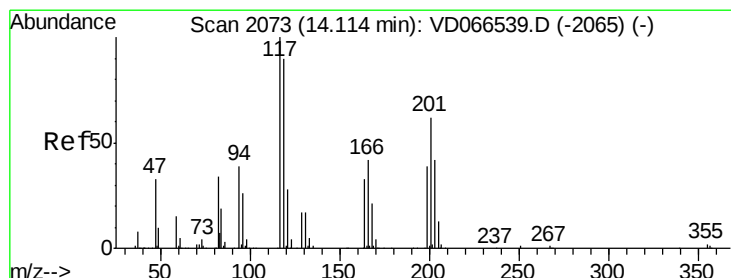
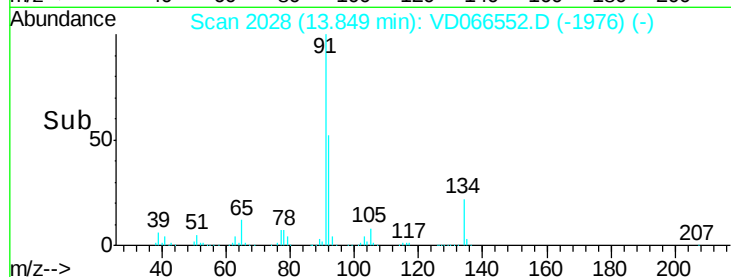
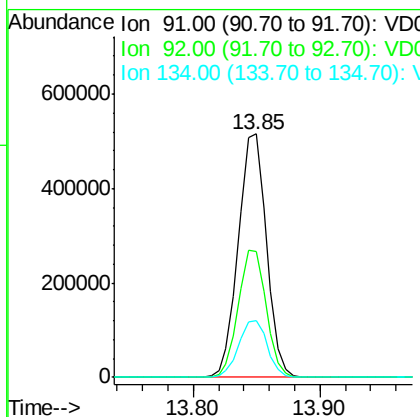
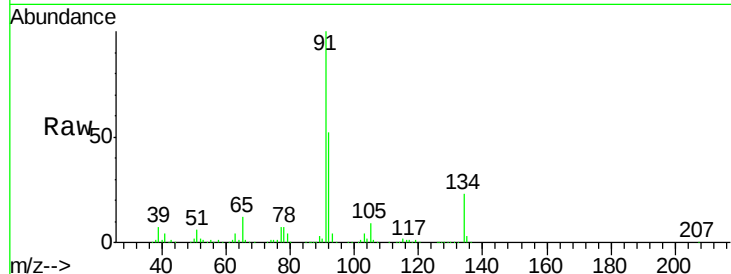
#89
n-Butylbenzene
Concen: 47.350 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.5	79.5
134	23.8	12.1	36.3

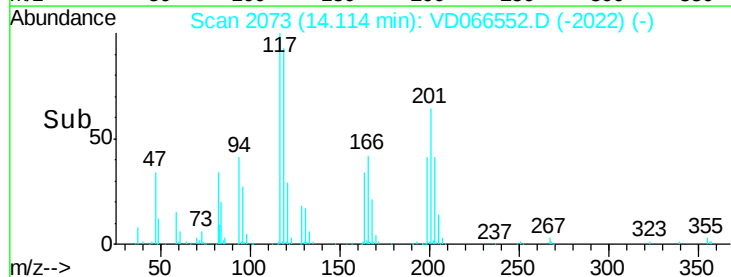
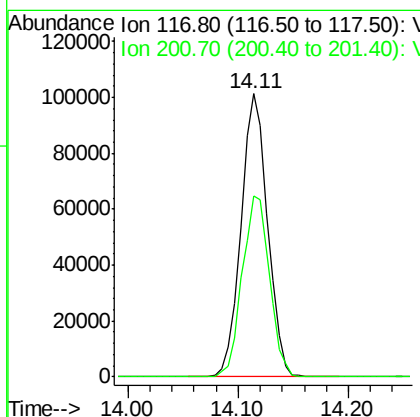
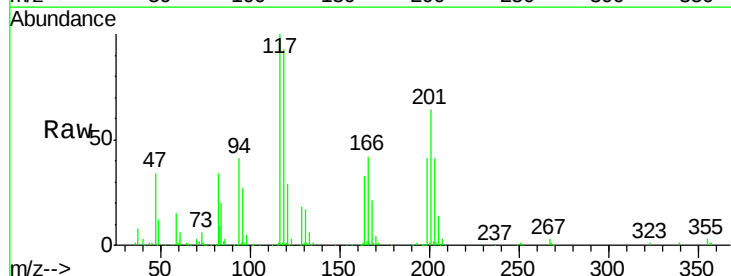
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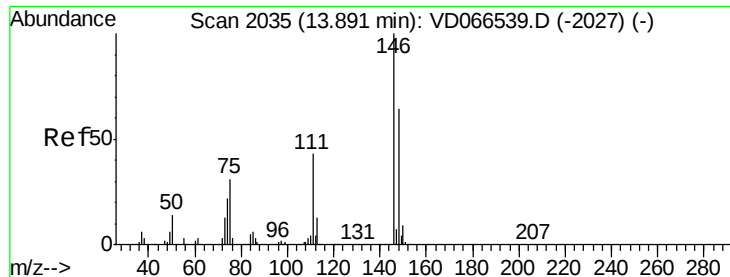
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#90
Hexachloroethane
Concen: 46.233 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.0	31.9	95.5





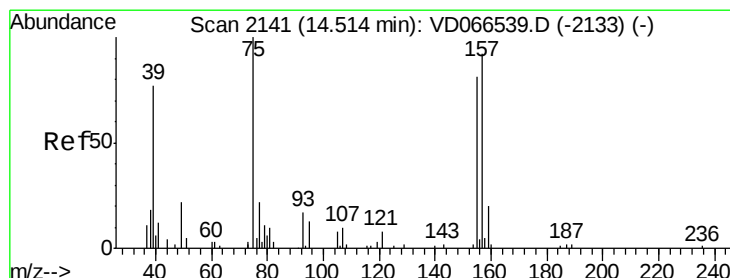
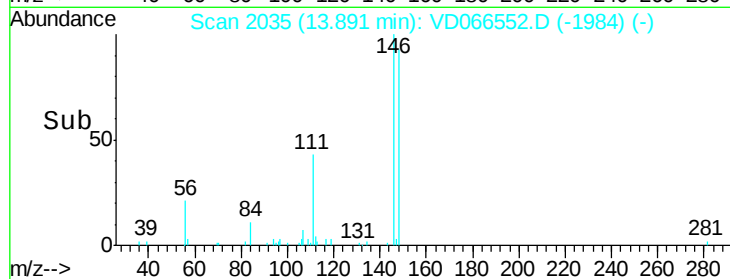
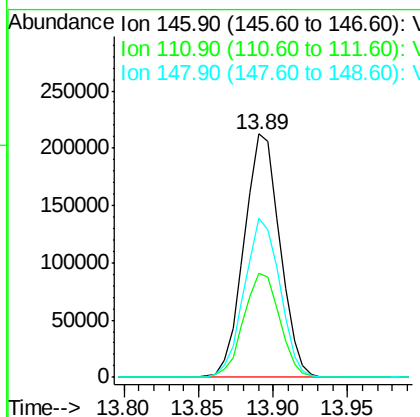
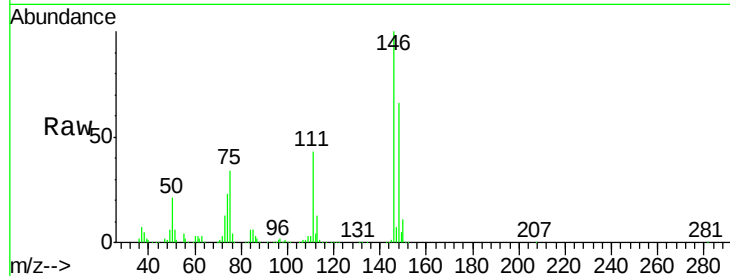
#91
 1,2-Dichlorobenzene
 Concen: 47.357 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.1	63.4
148	64.8	31.8	95.3

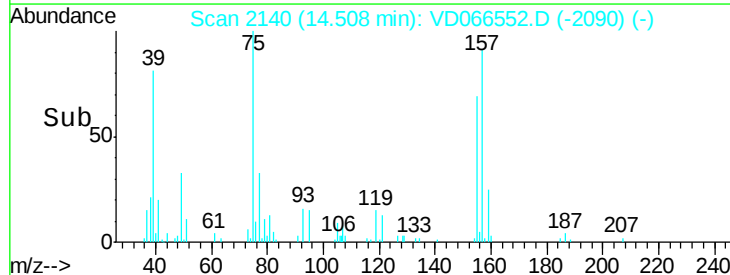
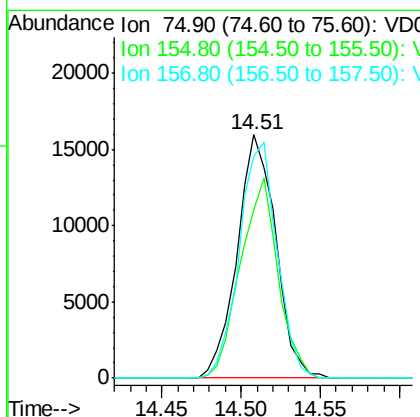
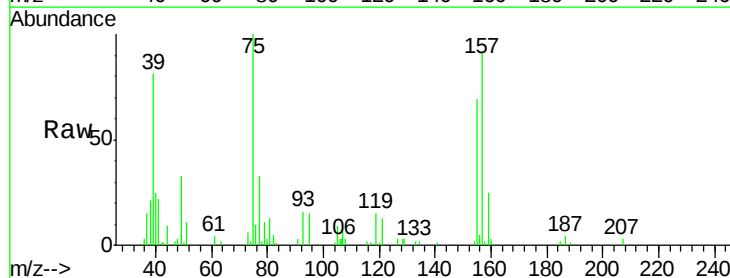
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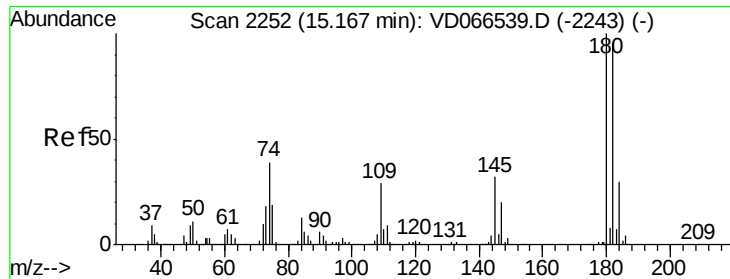
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.660 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	39.3	117.8
157	94.7	46.0	137.8





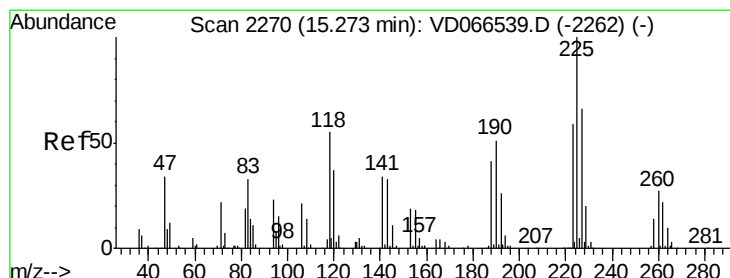
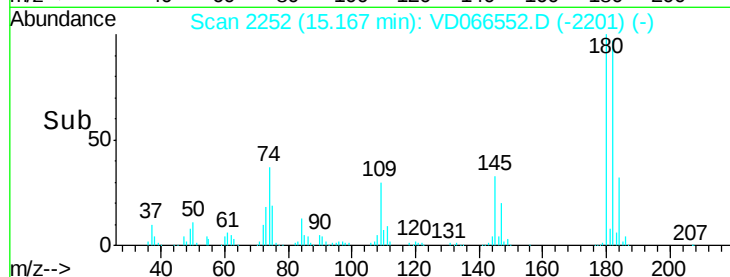
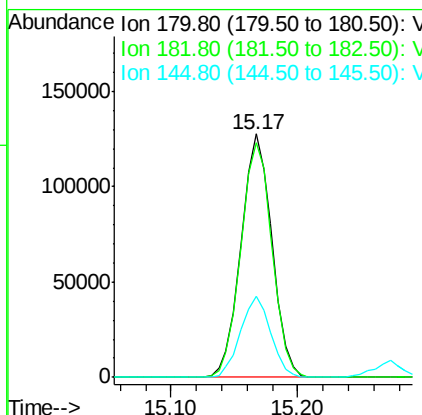
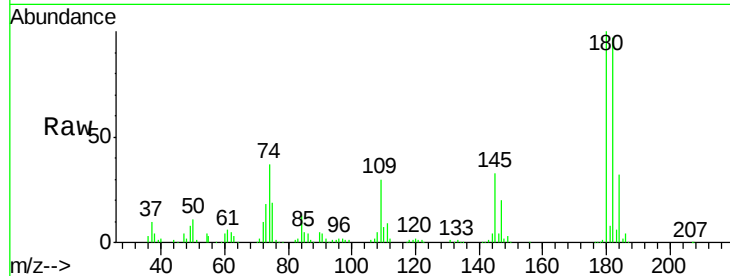
#93
 1,2,4-Trichlorobenzene
 Concen: 48.235 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	215964		
182	97.3	48.4	145.0	
145	32.5	16.7	50.0	

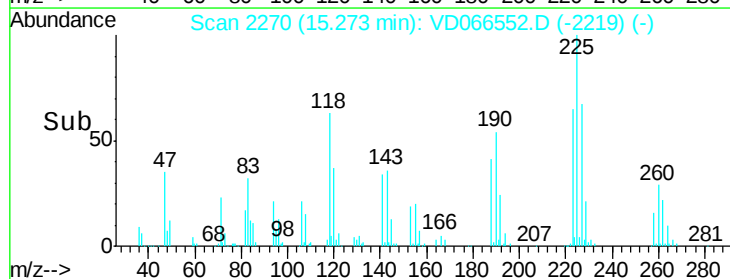
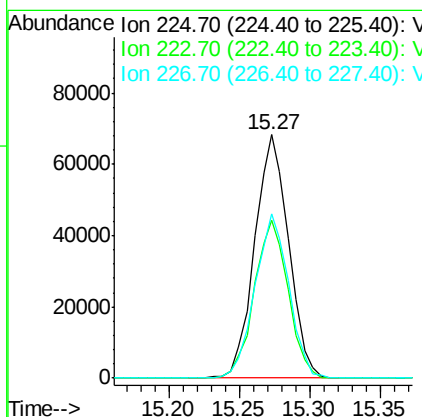
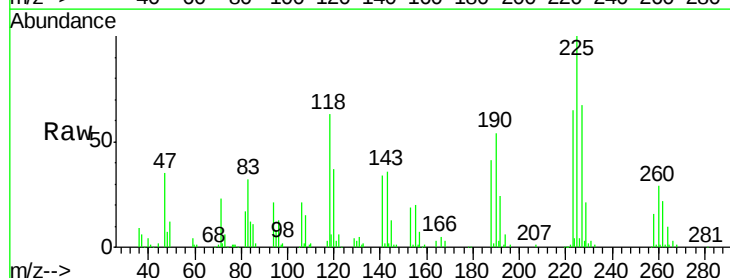
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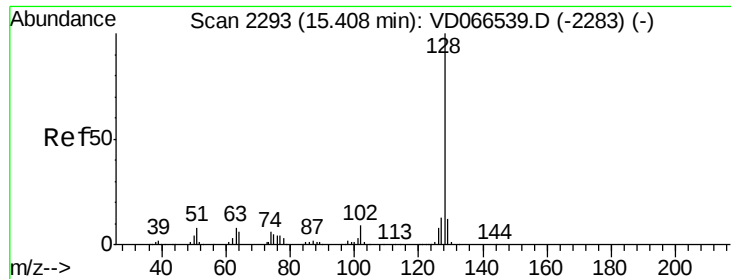
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#94
 Hexachlorobutadiene
 Concen: 42.974 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066552.D
 Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	115594		
223	64.5	30.5	91.5	
227	67.0	32.4	97.2	





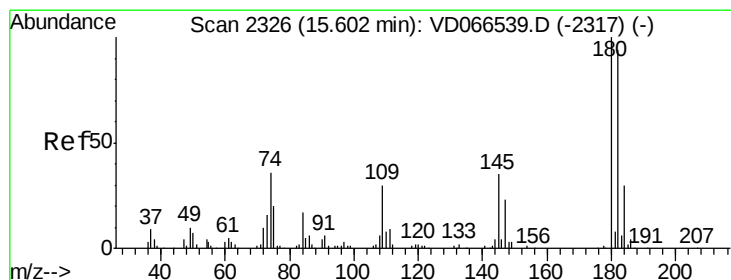
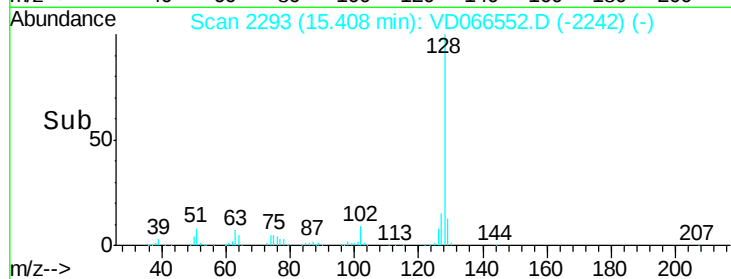
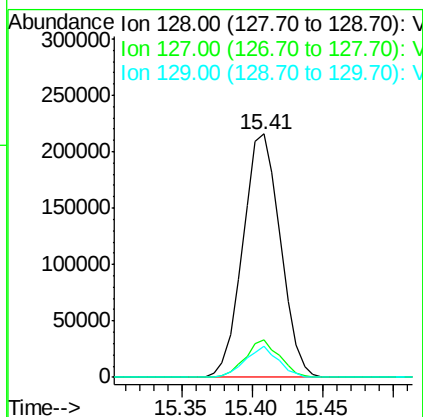
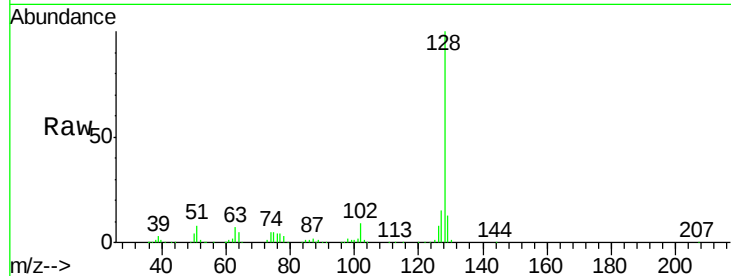
#95
Naphthalene
Concen: 51.383 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.7	16.1
129	11.3	9.1	13.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.339 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066552.D
Acq: 03 Sep 2020 23:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.6
145	34.1	17.3	51.7

