

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066642.D
 Acq On : 11 Sep 2020 12:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:06:42 PM

Quant Time: Sep 12 00:45:01 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	384159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	598486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	545133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	224484	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	7.91	113	209753	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.34	98	784529	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
62) 4-Bromofluorobenzene	12.63	95	259760	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	153278	48.174	ug/l	92
3) Chloromethane	2.21	50	204146	42.021	ug/l	99
4) Vinyl Chloride	2.35	62	224033	41.577	ug/l	98
5) Bromomethane	2.77	94	155291	45.144	ug/l	87
6) Chloroethane	2.92	64	140345	41.007	ug/l	97
7) Trichlorofluoromethane	3.27	101	373873	46.969	ug/l	94
8) Diethyl Ether	3.71	74	94018	46.904	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	208340	48.360	ug/l	98
10) Methyl Iodide	4.30	142	191953	48.941	ug/l	100
11) Tert butyl alcohol	5.21	59	74540	257.817	ug/l #	84
12) 1,1-Dichloroethene	4.07	96	189514	48.965	ug/l	94
13) Acrolein	3.92	56	49152	258.630	ug/l	99
14) Allyl chloride	4.71	41	314554	49.589	ug/l	98
15) Acrylonitrile	5.43	53	224021	260.167	ug/l	100
16) Acetone	4.16	43	250853	293.323	ug/l	99
17) Carbon Disulfide	4.41	76	585313	46.002	ug/l	99
18) Methyl Acetate	4.71	43	99694	48.902	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	459318	50.606	ug/l	96
20) Methylene Chloride	4.96	84	232277	49.813	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	222418	48.392	ug/l	98
22) Diisopropyl ether	6.36	45	663791	50.888	ug/l	98
23) Vinyl Acetate	6.30	43	1956518	263.573	ug/l	97
24) 1,1-Dichloroethane	6.26	63	399809	48.740	ug/l	98
25) 2-Butanone	7.21	43	308442	268.671	ug/l	97
26) 2,2-Dichloropropane	7.20	77	372172	49.462	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	243251	49.216	ug/l	99
28) Bromochloromethane	7.54	49	162862	51.570	ug/l	100
29) Tetrahydrofuran	7.56	42	182243	254.892	ug/l	99
30) Chloroform	7.71	83	425739	49.059	ug/l	98
31) Cyclohexane	7.98	56	358597	47.292	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	389288	47.712	ug/l	99
36) 1,1-Dichloropropene	8.11	75	323845	51.995	ug/l	99
37) Ethyl Acetate	7.28	43	130331	52.550	ug/l	98
38) Carbon Tetrachloride	8.09	117	352599	53.559	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	385970	55.496	ug/l	98
40) Benzene	8.35	78	874249	51.251	ug/l	99
41) Methacrylonitrile	7.52	41	57962m	48.280	ug/l	
42) 1,2-Dichloroethane	8.42	62	276256	49.983	ug/l	99
43) Isopropyl Acetate	8.45	43	252214	53.065	ug/l	98
44) Trichloroethene	9.11	130	234892	52.495	ug/l	92
45) 1,2-Dichloropropane	9.38	63	223857	52.183	ug/l	100
46) Dibromomethane	9.47	93	122076	51.580	ug/l	97
47) Bromodichloromethane	9.66	83	323234	50.479	ug/l	99
48) Methyl methacrylate	9.45	41	133555	55.571	ug/l	97
49) 1,4-Dioxane	9.46	88	27961	1076.868	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	661794	276.090	ug/l	98
52) Toluene	10.40	92	576472	53.387	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	304487	53.866	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	357453	52.658	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	162666	53.455	ug/l	97
56) Ethyl methacrylate	10.66	69	199422	56.284	ug/l	97
57) 1,3-Dichloropropane	10.94	76	285549	53.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	425370	262.474	ug/l	99
59) 2-Hexanone	10.98	43	471964	292.790	ug/l	99
60) Dibromochloromethane	11.14	129	215399	53.528	ug/l	98
61) 1,2-Dibromoethane	11.24	107	155710	52.595	ug/l	99
64) Tetrachloroethene	10.87	164	187084	50.971	ug/l	97
65) Chlorobenzene	11.67	112	588912	52.342	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	221620	51.611	ug/l	98
67) Ethyl Benzene	11.74	91	1102448	53.364	ug/l	99
68) m/p-Xylenes	11.85	106	834858	108.835	ug/l	99
69) o-Xylene	12.18	106	370681	53.921	ug/l	99
70) Styrene	12.20	104	658800	55.123	ug/l	99
71) Bromoform	12.36	173	112194	51.844	ug/l #	100
73) Isopropylbenzene	12.48	105	1059254	56.141	ug/l	99
74) N-amyl acetate	12.29	43	234638	54.908	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	171641	51.493	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	136305m	55.616	ug/l	
77) Bromobenzene	12.76	156	227252	54.025	ug/l	97
78) n-propylbenzene	12.82	91	1273750	55.689	ug/l	100
79) 2-Chlorotoluene	12.91	91	691637	53.902	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	869496	54.753	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	56554	53.873	ug/l	97
82) 4-Chlorotoluene	13.01	91	732596	53.390	ug/l	100
83) tert-Butylbenzene	13.23	119	720661	55.572	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	865770	54.758	ug/l	100
85) sec-Butylbenzene	13.40	105	1046275	56.000	ug/l	100
86) p-Isopropyltoluene	13.52	119	952637	56.649	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	446915	53.517	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	433369	51.704	ug/l	98
89) n-Butylbenzene	13.84	91	914691	55.817	ug/l	99
90) Hexachloroethane	14.11	117	188382	51.990	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	381894	52.320	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29354	51.841	ug/l	97

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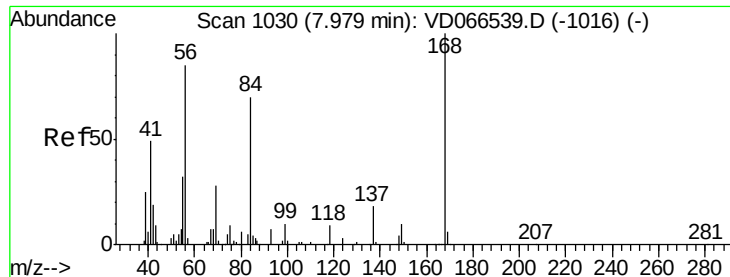
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	247768	56.560	ug/l	98
94) Hexachlorobutadiene	15.27	225	142848	54.279	ug/l	97
95) Naphthalene	15.41	128	448554	58.597	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	210749	56.429	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 384159

Ion Ratio Lower Upper

168 100

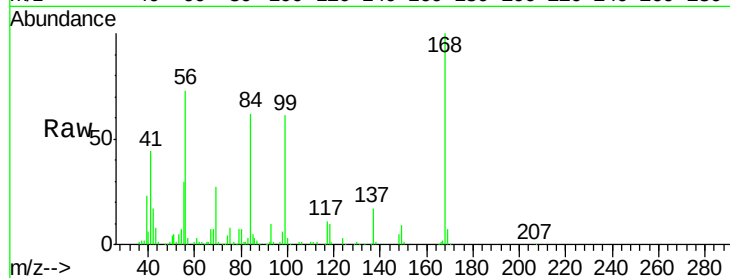
99 61.0 50.5 75.7

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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

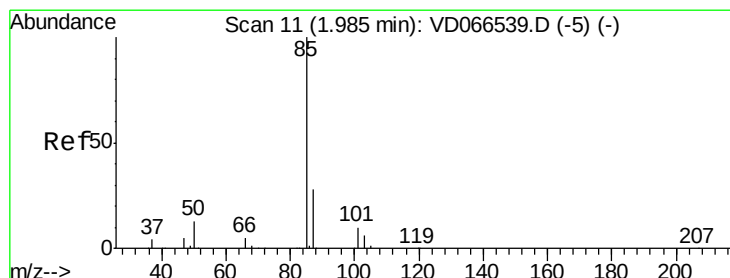
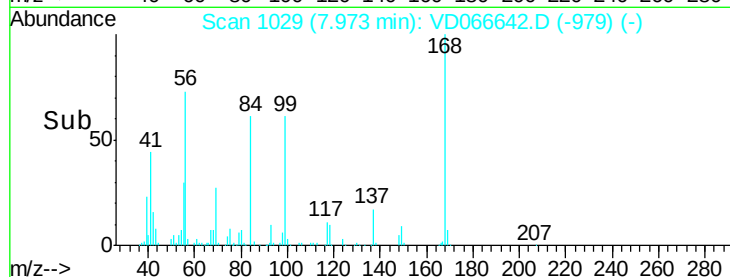
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.174 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066642.D

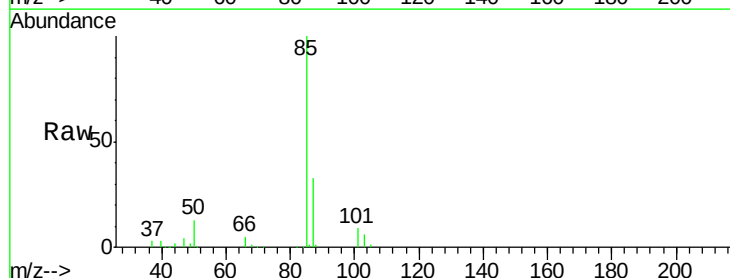
Acq: 11 Sep 2020 12:19

Tgt Ion: 85 Resp: 153278

Ion Ratio Lower Upper

85 100

87 32.6 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

120000

100000

80000

60000

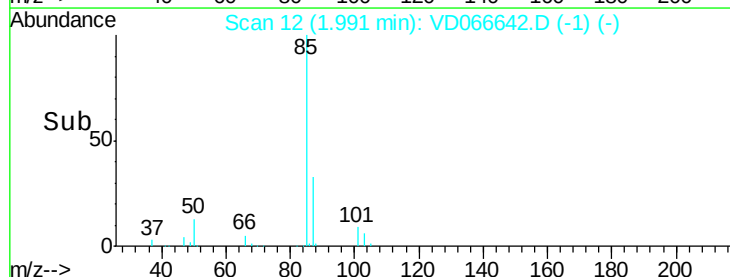
40000

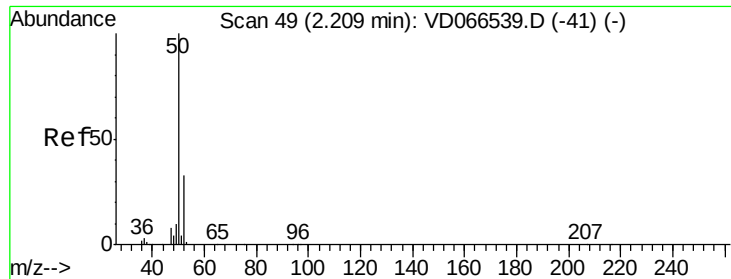
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 42.021 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 204146

Ion Ratio Lower Upper

50 100

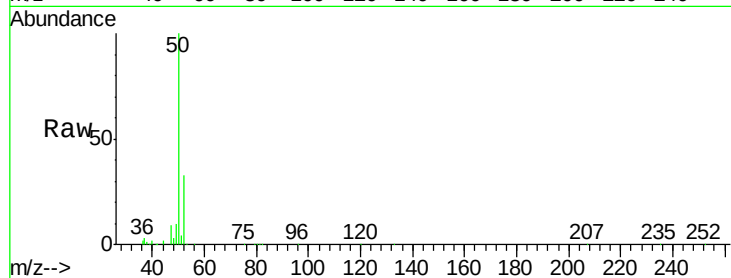
52 33.5 26.2 39.2

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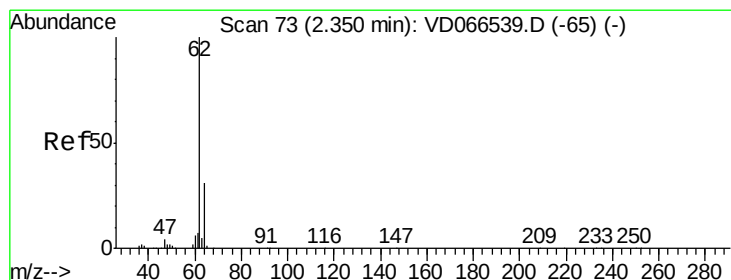
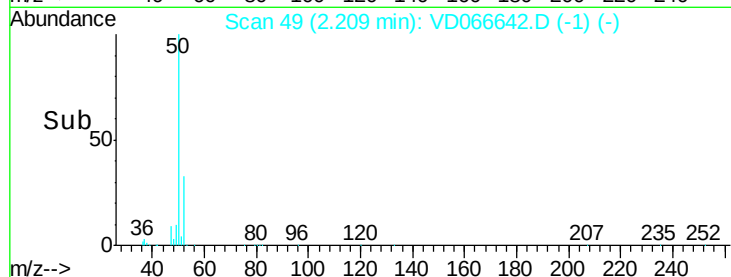
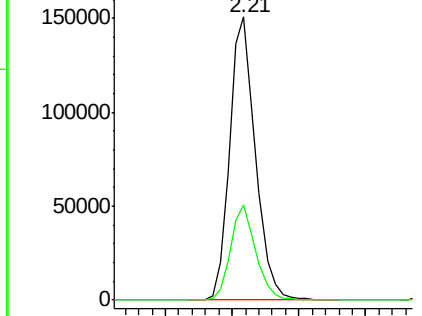
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 41.577 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066642.D

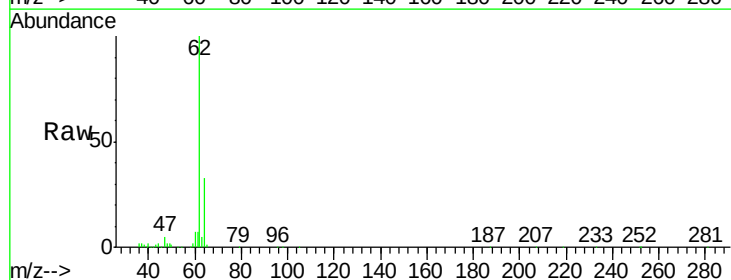
Acq: 11 Sep 2020 12:19

Tgt Ion: 62 Resp: 224033

Ion Ratio Lower Upper

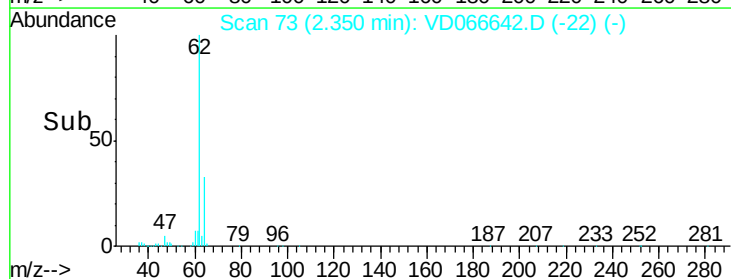
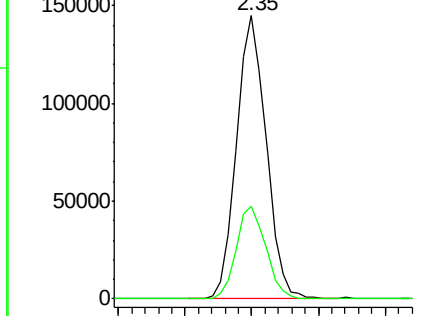
62 100

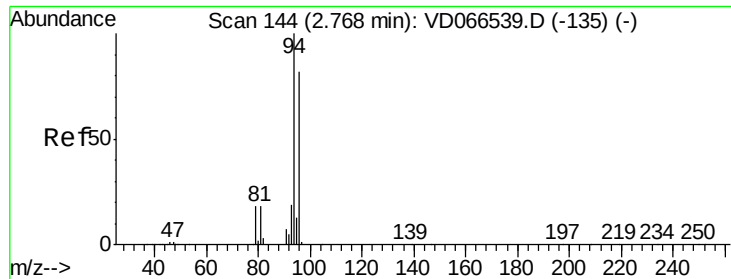
64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 45.144 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 155291

Ion Ratio Lower Upper

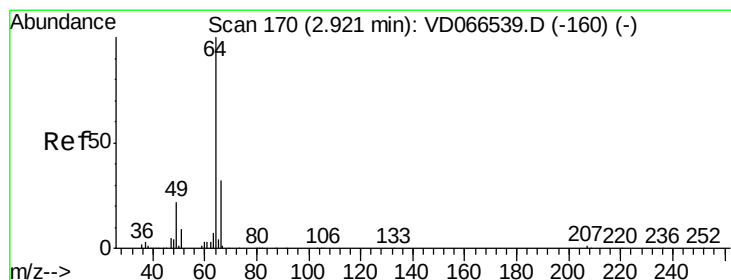
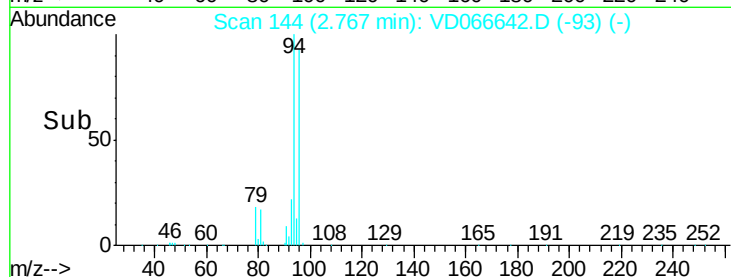
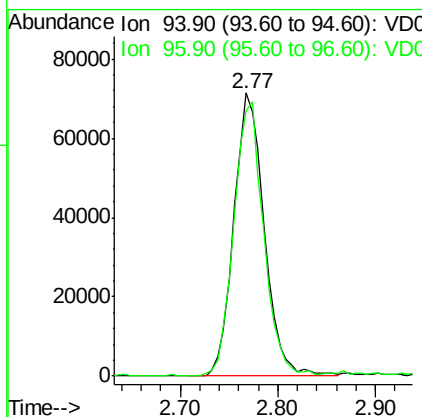
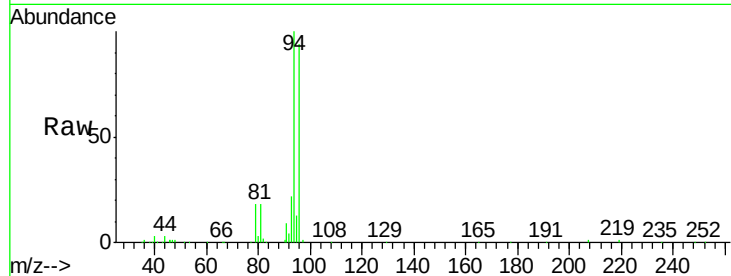
94 100

96 93.3 65.2 97.8

Manual Integrations
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#6

Chloroethane

Concen: 41.007 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066642.D

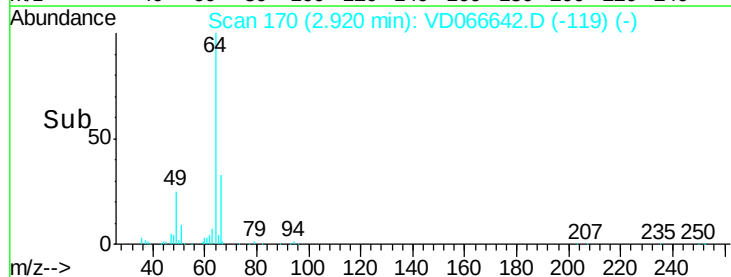
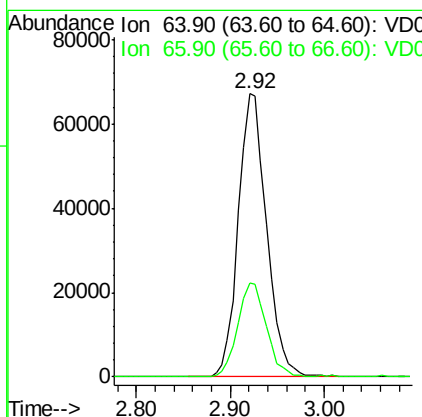
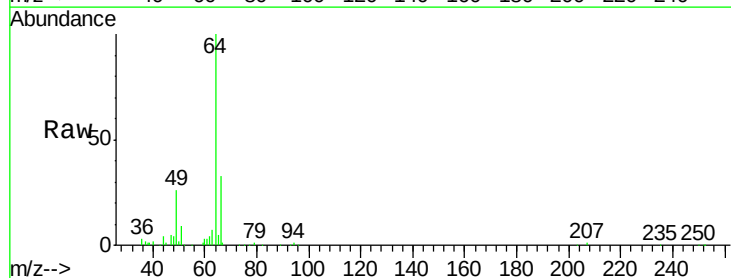
Acq: 11 Sep 2020 12:19

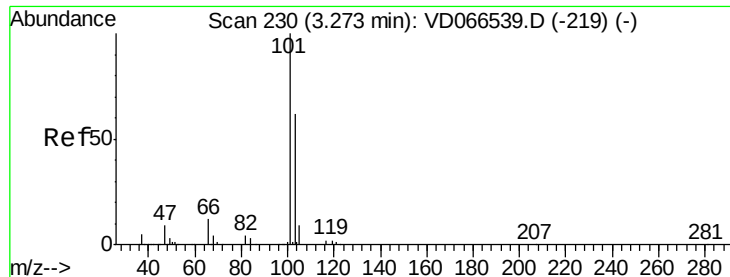
Tgt Ion: 64 Resp: 140345

Ion Ratio Lower Upper

64 100

66 33.3 25.4 38.0





#7

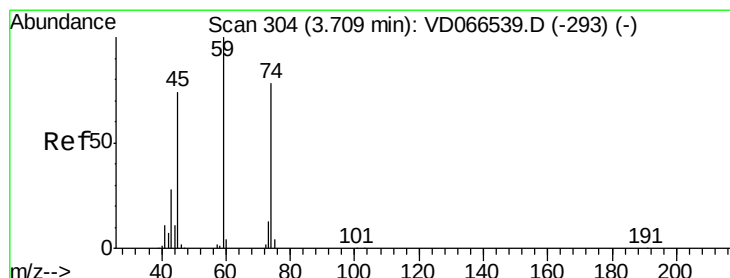
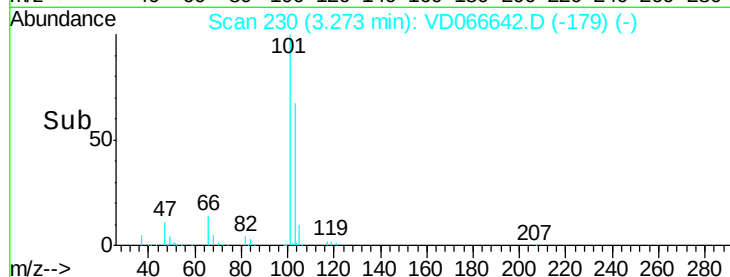
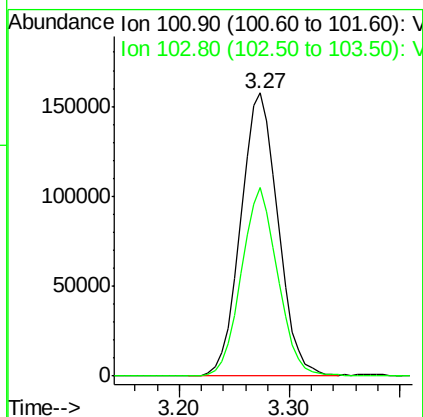
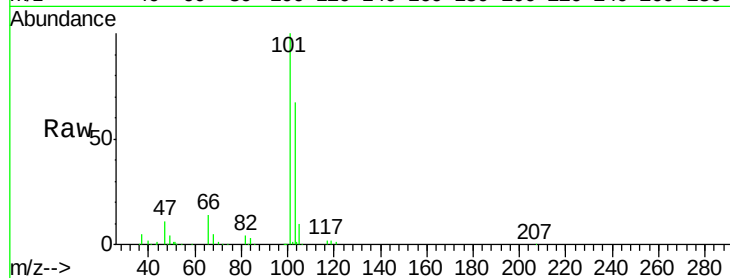
Trichlorofluoromethane
Concen: 46.969 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	49.7	74.5

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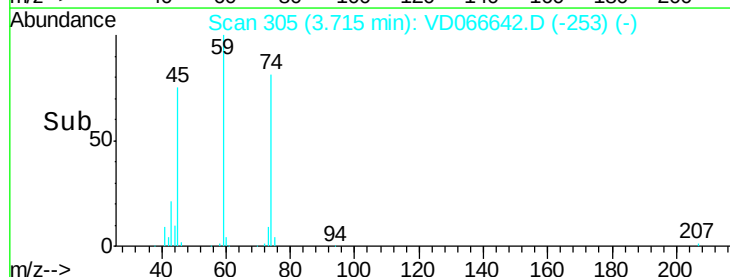
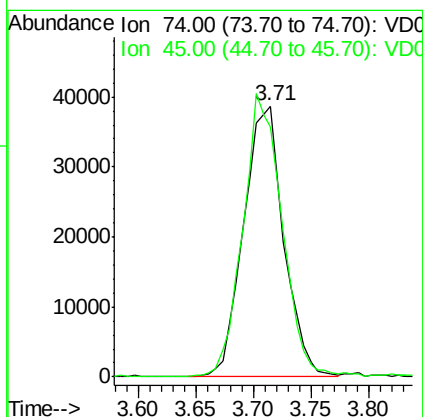
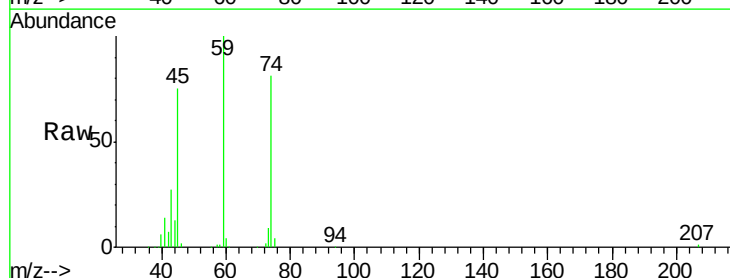
MMDadoda
9/14/2020 12:06:42 PM

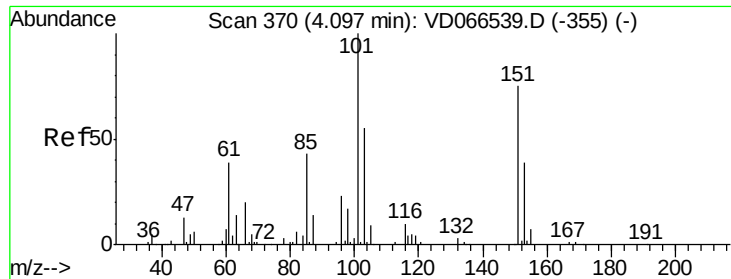


#8

Diethyl Ether
Concen: 46.904 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.360 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

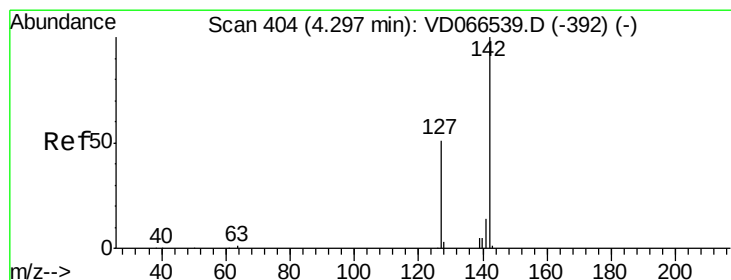
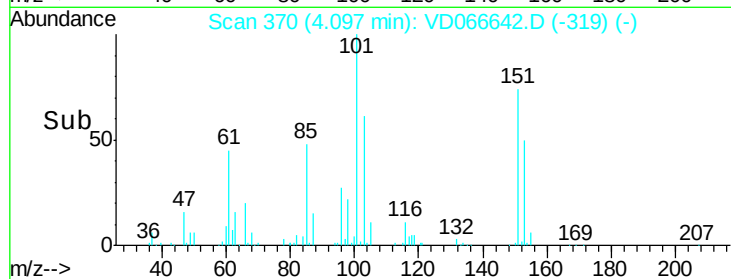
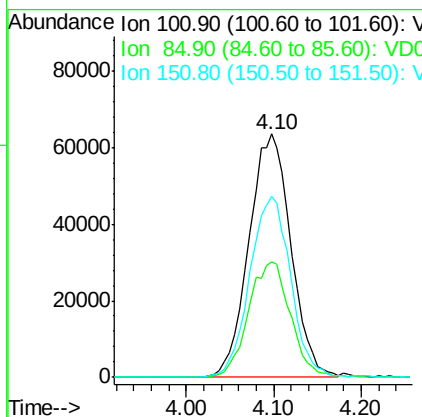
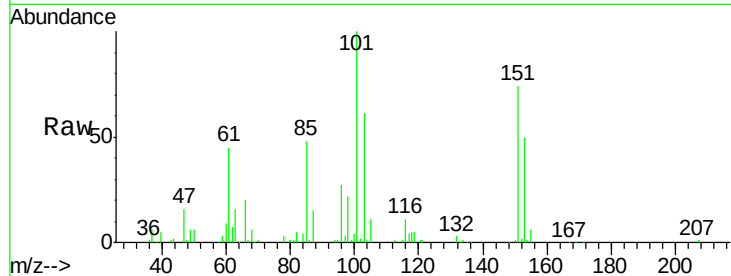
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	208340
Ion Ratio	Lower	Upper	
101	100		
85	47.3	37.0	55.6
151	72.3	59.4	89.2

Manual Integrations
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#10

Methyl Iodide

Concen: 48.941 ug/l

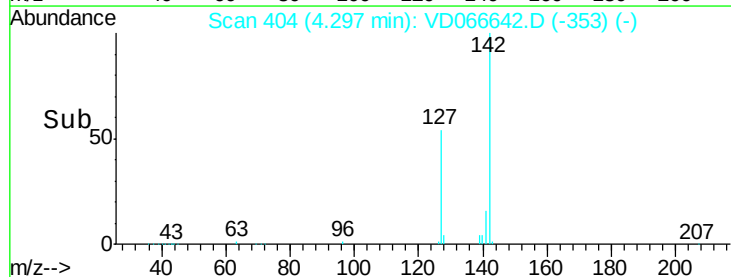
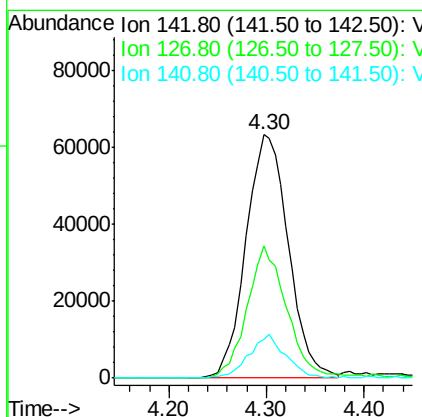
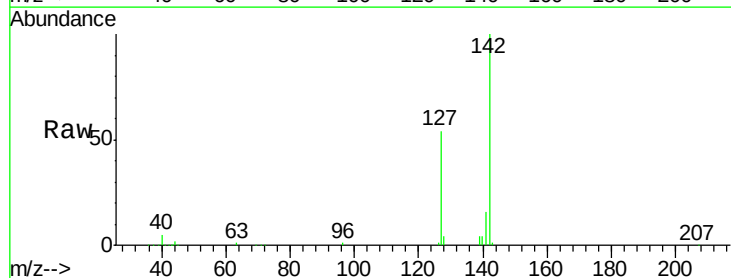
RT: 4.30 min Scan# 404

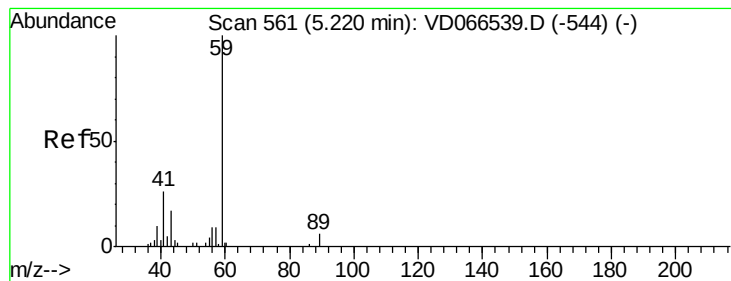
Delta R.T. 0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion:	142	Resp:	191953
Ion Ratio	Lower	Upper	
142	100		
127	50.5	40.6	61.0
141	15.7	12.2	18.4





#11

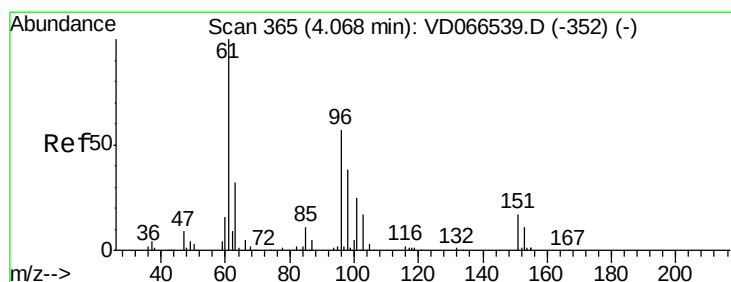
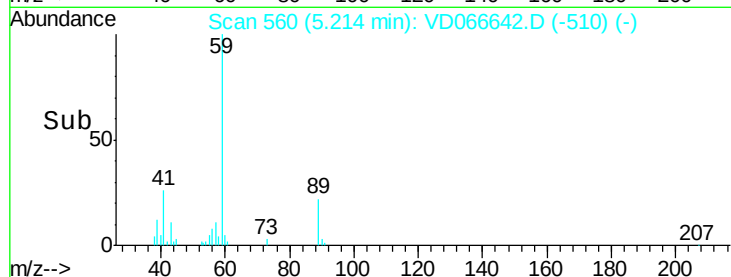
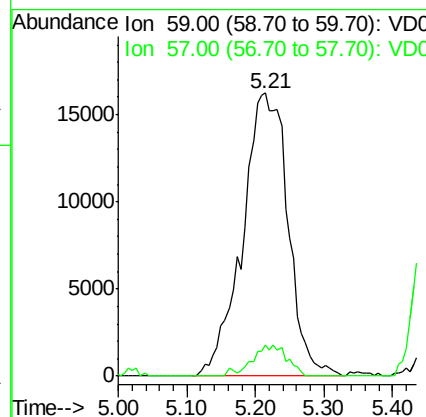
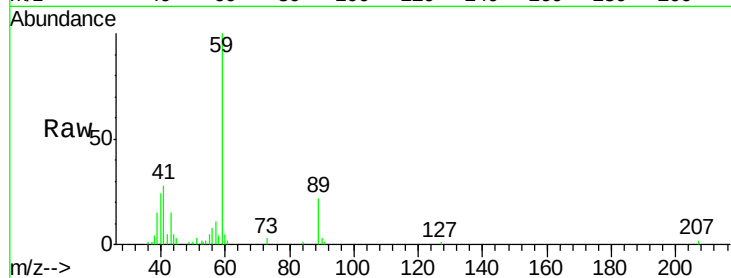
Tert butyl alcohol
 Concen: 257.817 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 59 Resp: 74540
 Ion Ratio Lower Upper
 59 100
 57 3.5 7.6 11.4#

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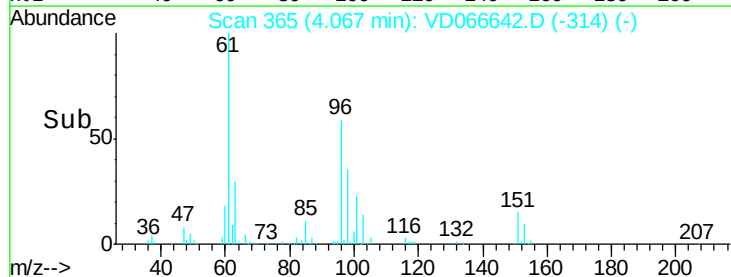
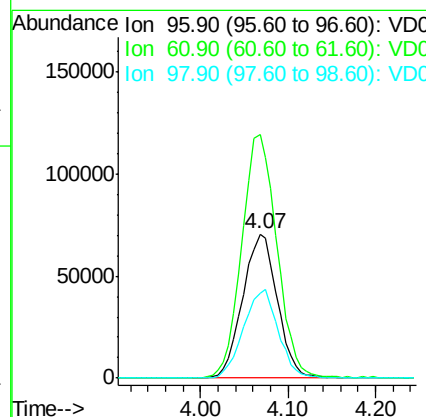
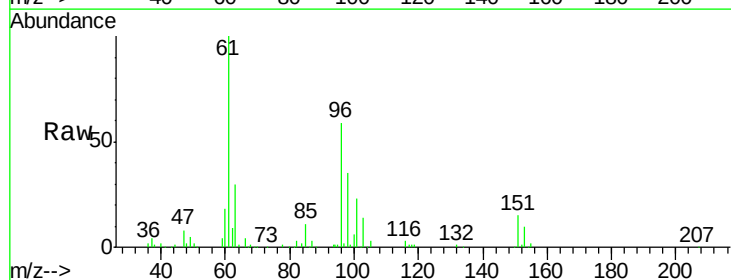
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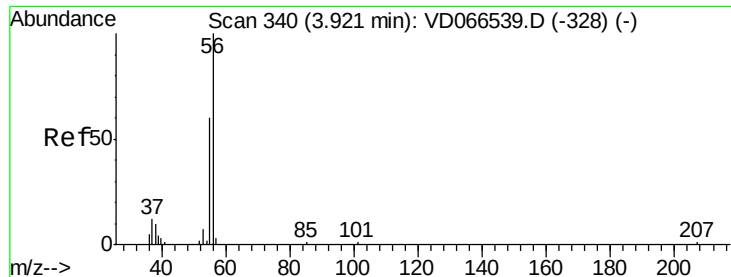


#12

1,1-Dichloroethene
 Concen: 48.965 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion: 96 Resp: 189514
 Ion Ratio Lower Upper
 96 100
 61 168.7 140.9 211.3
 98 59.2 53.2 79.8





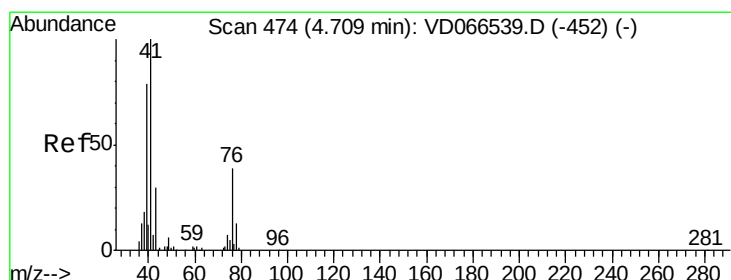
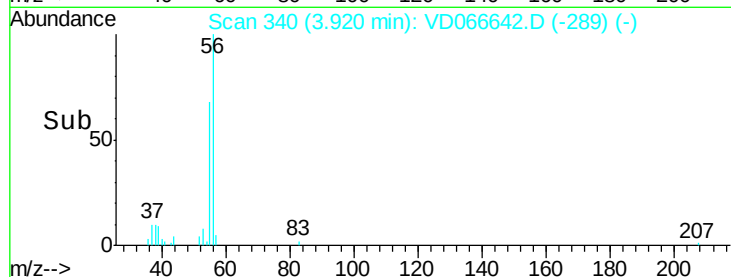
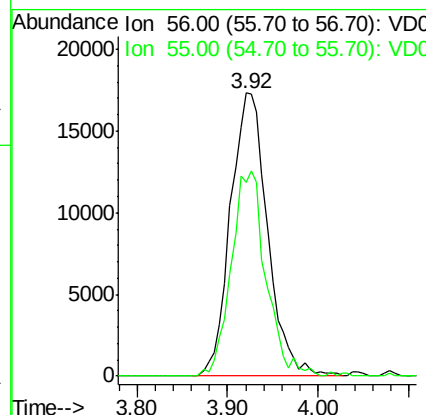
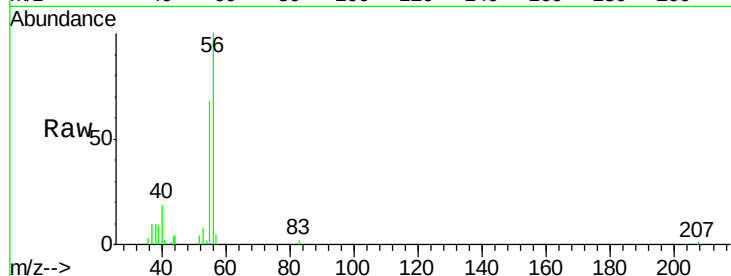
#13
 Acrolein
 Concen: 258.630 ug/l
 RT: 3.92 min Scan# 340
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.0	53.6	80.4

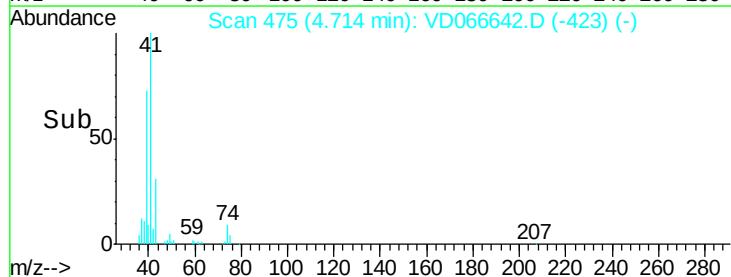
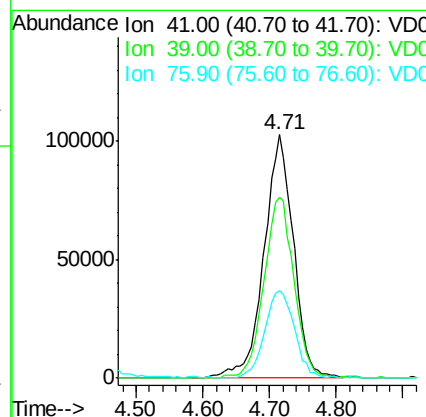
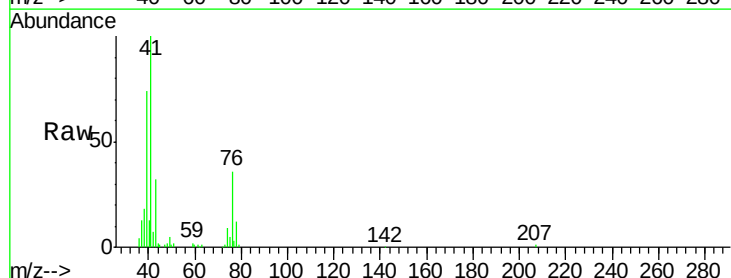
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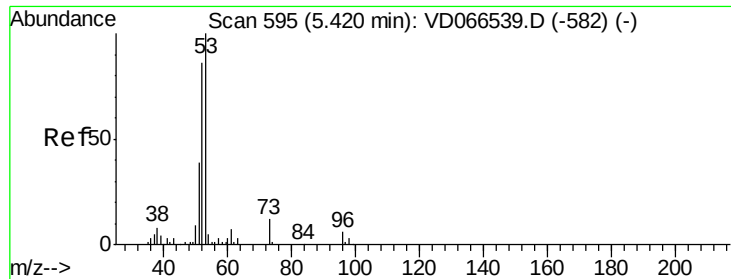
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#14
 Allyl chloride
 Concen: 49.589 ug/l
 RT: 4.71 min Scan# 475
 Delta R.T. 0.01 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
41	100		
39	75.9	61.9	92.9
76	35.7	29.0	43.6





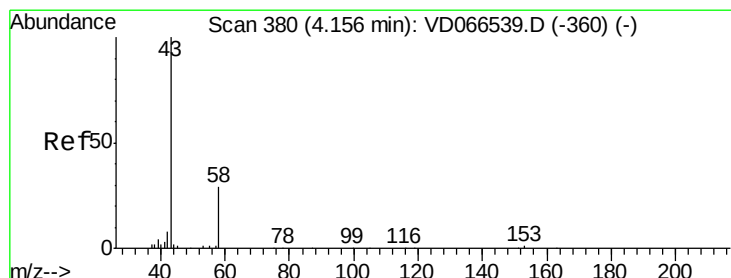
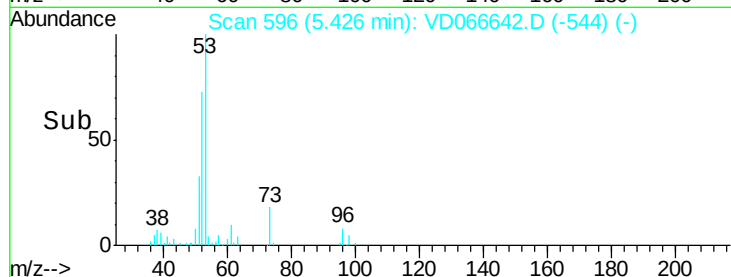
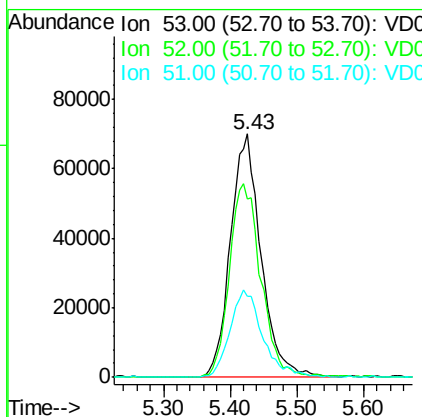
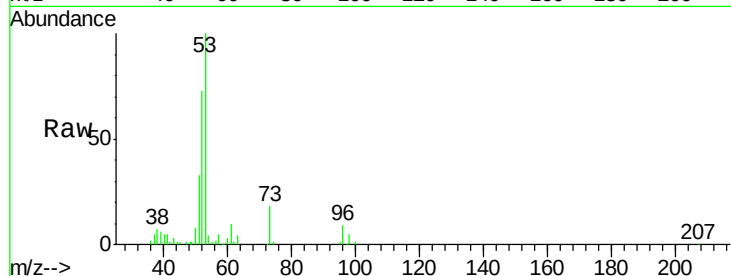
#15
Acrylonitrile
Concen: 260.167 ug/l
RT: 5.43 min Scan# 596
Delta R.T. 0.01 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	53	Resp:	224021
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.4	98.2
51	38.4	31.2	46.8

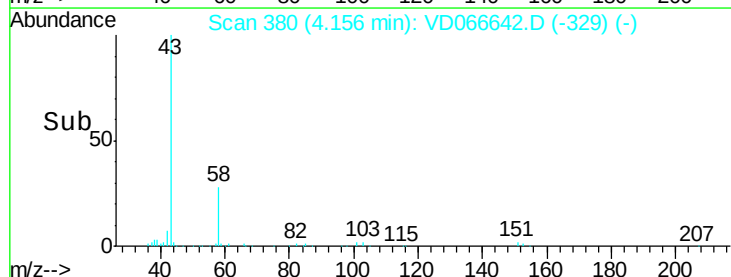
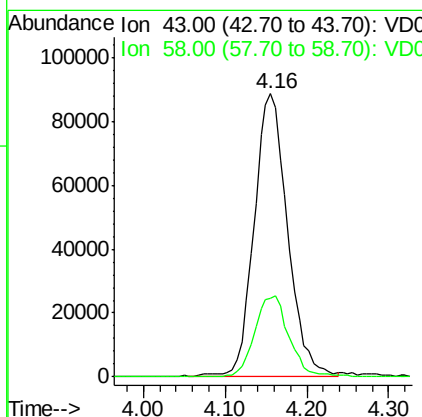
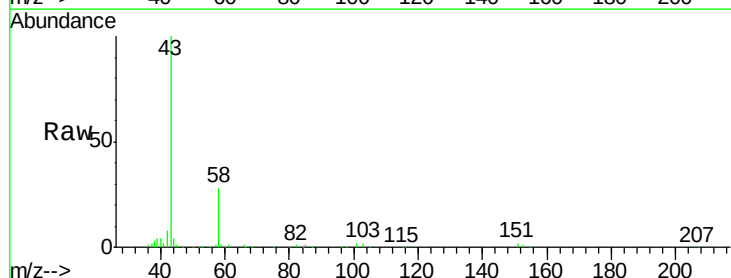
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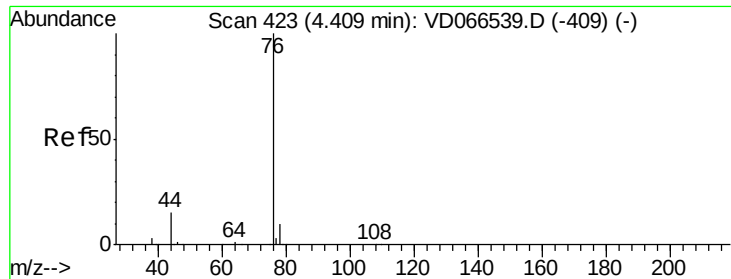
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#16
Acetone
Concen: 293.323 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion:	43	Resp:	250853
Ion Ratio	Lower	Upper	
43	100		
58	27.9	22.9	34.3





#17

Carbon Disulfide

Concen: 46.002 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 585313

Ion Ratio Lower Upper

76 100

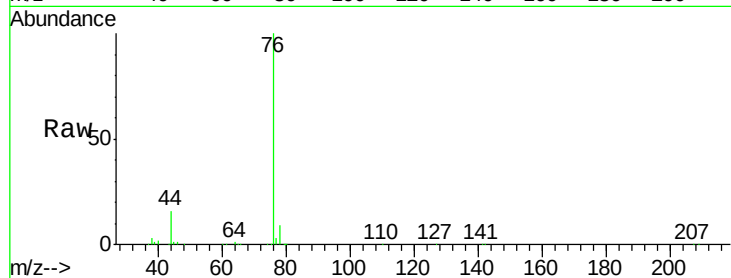
78 9.0 7.6 11.4

Manual Integrations

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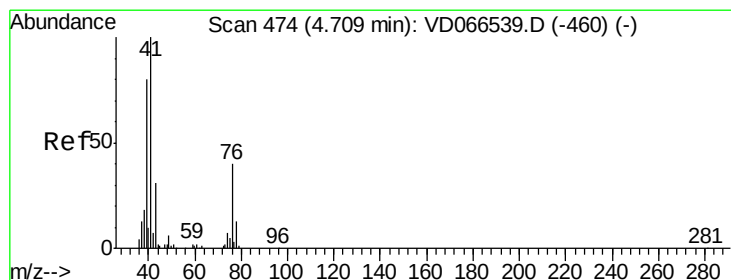
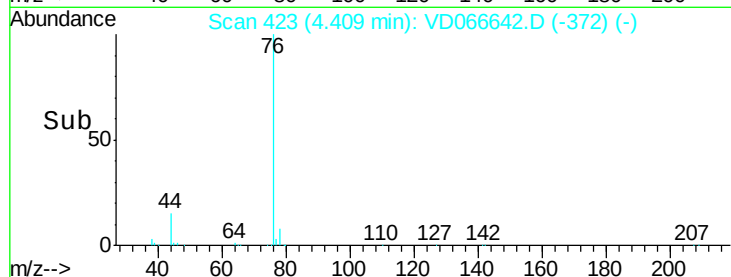
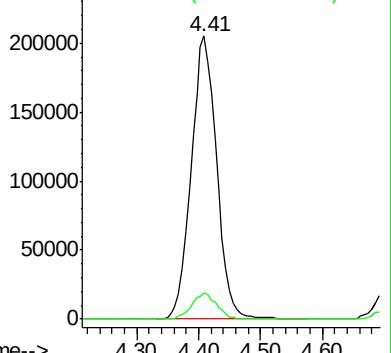
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 48.902 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066642.D

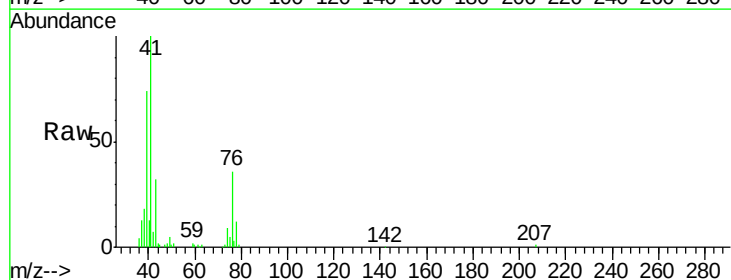
Acq: 11 Sep 2020 12:19

Tgt Ion: 43 Resp: 99694

Ion Ratio Lower Upper

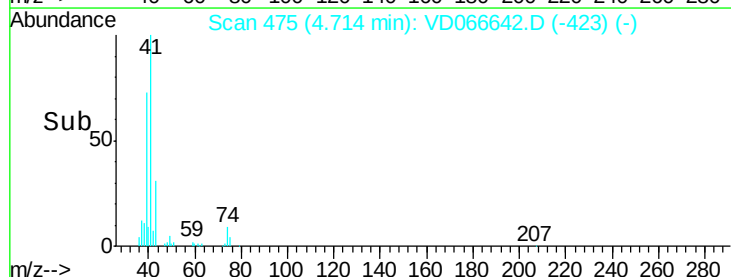
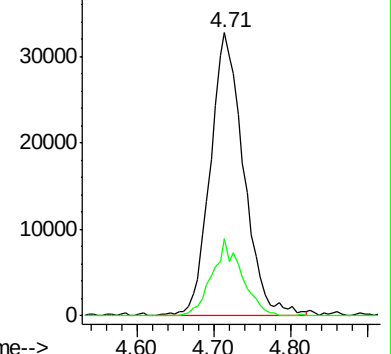
43 100

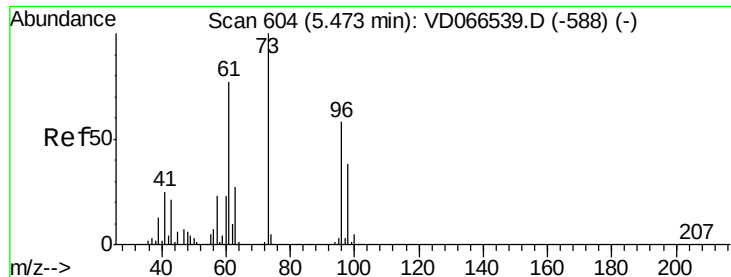
74 24.2 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





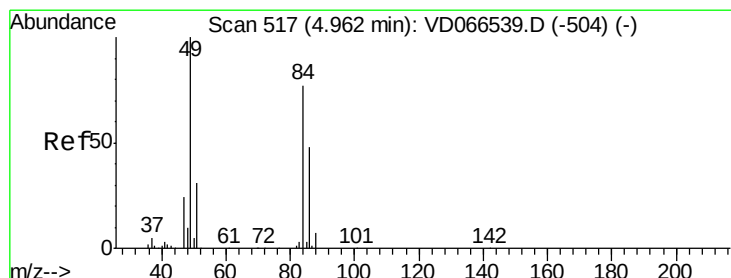
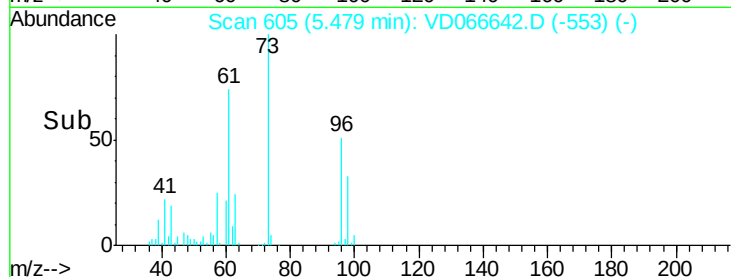
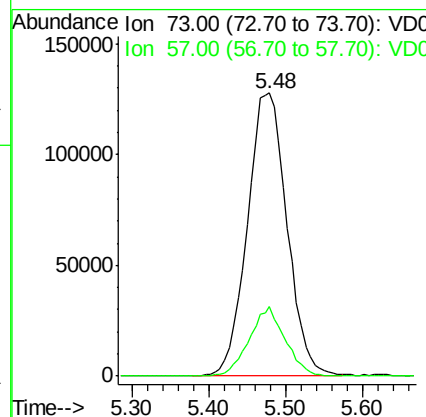
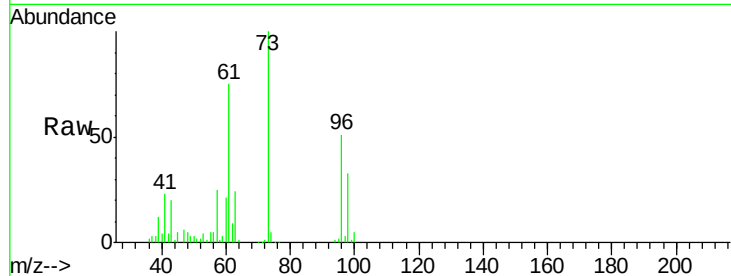
#19
Methyl tert-butyl Ether
Concen: 50.606 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 459318
Ion Ratio Lower Upper
73 100
57 24.6 18.3 27.5

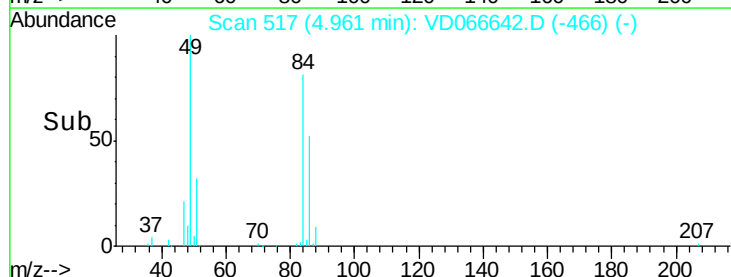
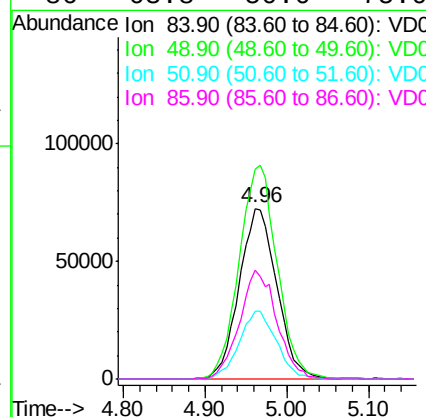
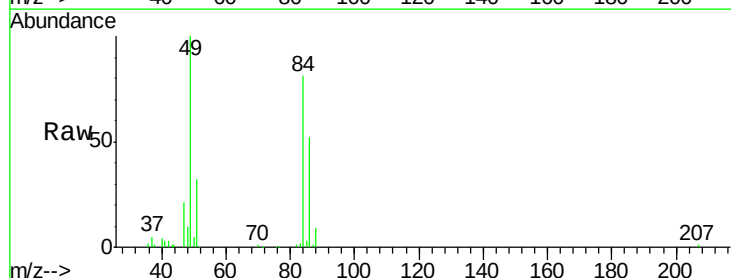
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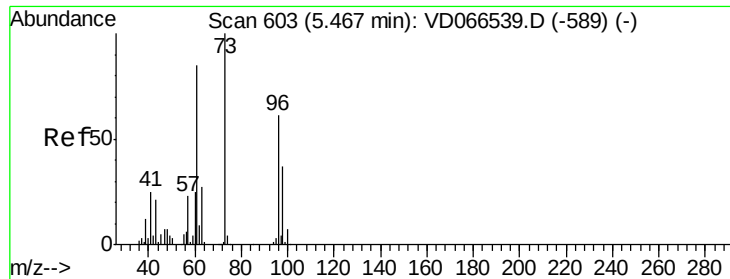
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#20
Methylene Chloride
Concen: 49.813 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion: 84 Resp: 232277
Ion Ratio Lower Upper
84 100
49 122.7 104.3 156.5
51 39.9 32.2 48.4
86 63.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 48.392 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

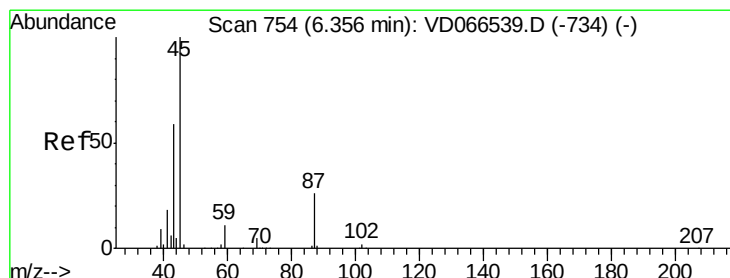
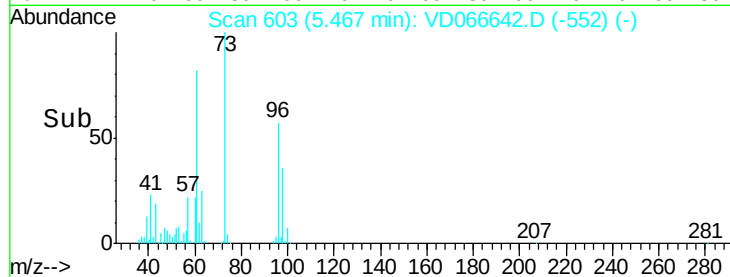
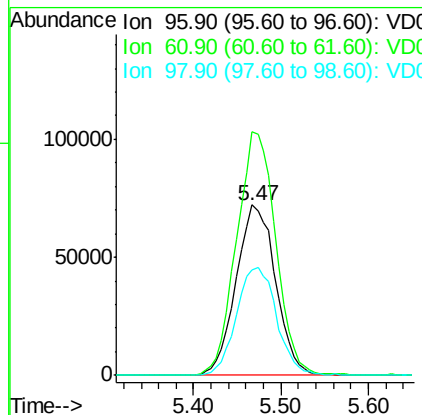
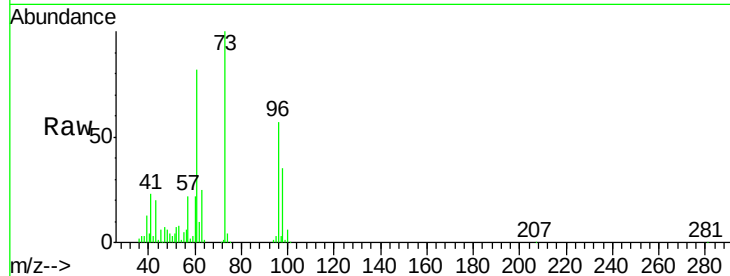
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	222418
Ion	Ratio	Lower	Upper
96	100		
61	143.1	112.1	168.1
98	61.8	48.6	72.8

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#22

Diisopropyl ether

Concen: 50.888 ug/l

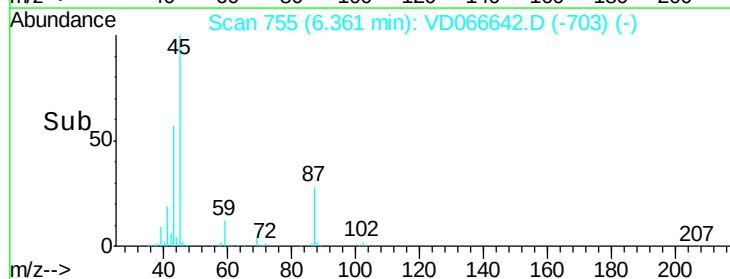
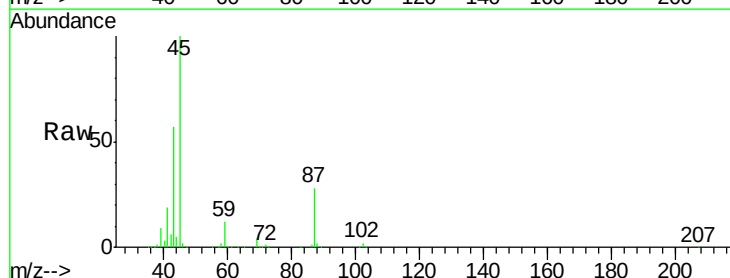
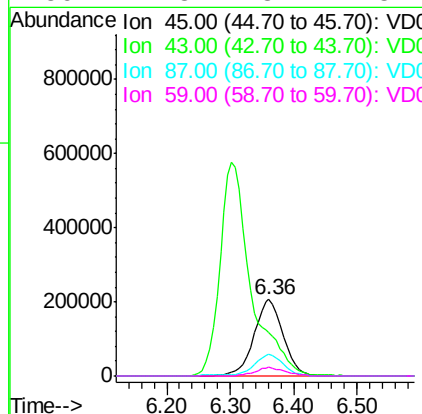
RT: 6.36 min Scan# 755

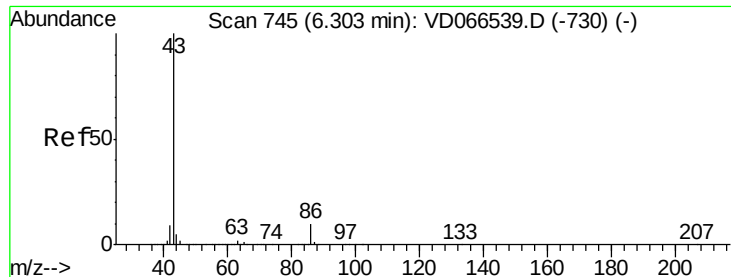
Delta R.T. 0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion:	45	Resp:	663791
Ion	Ratio	Lower	Upper
45	100		
43	57.0	47.0	70.4
87	27.6	21.3	31.9
59	11.8	8.7	13.1





#23

Vinyl Acetate

Concen: 263.573 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1956518

Ion Ratio Lower Upper

43 100

86 10.5

7.7

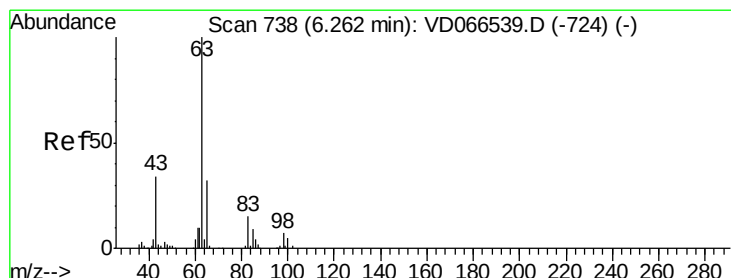
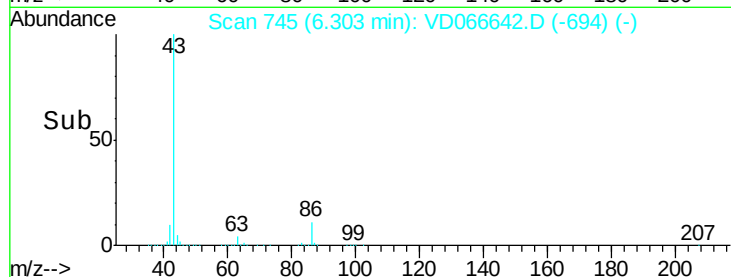
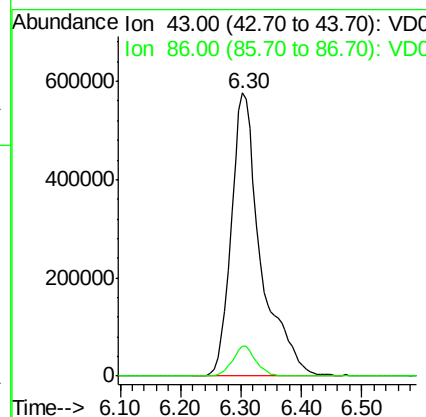
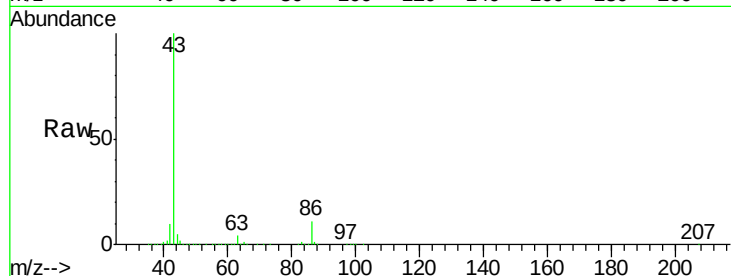
11.5

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#24

1,1-Dichloroethane

Concen: 48.740 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion: 63 Resp: 399809

Ion Ratio Lower Upper

63 100

98 7.6

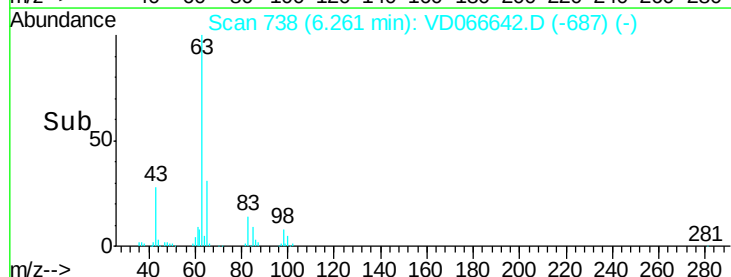
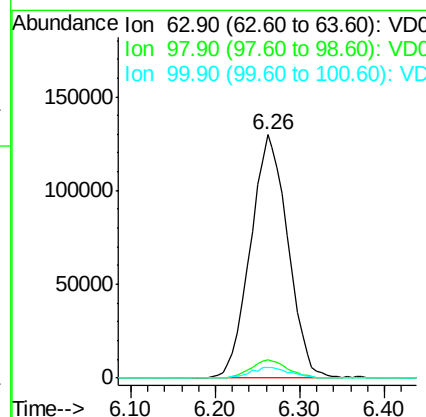
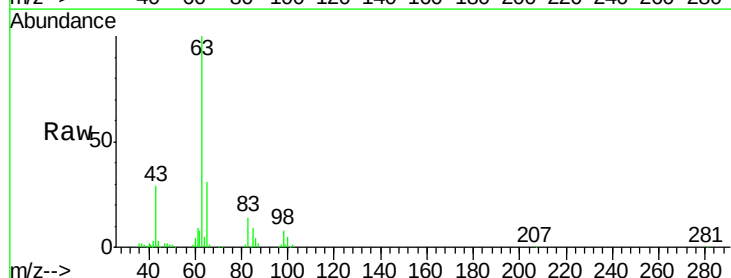
3.4

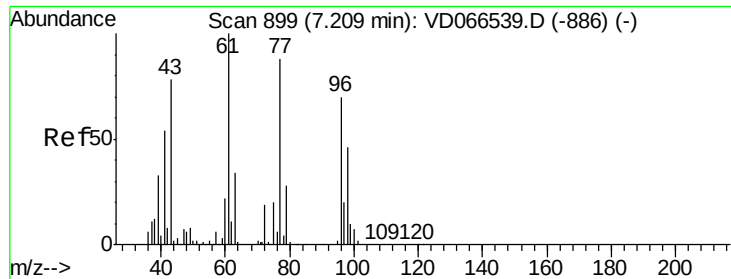
10.1

100 4.6

2.5

7.4





#25

2-Butanone

Concen: 268.671 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 308442

Ion Ratio Lower Upper

43 100

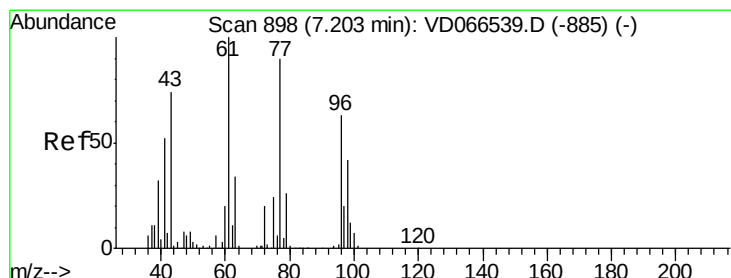
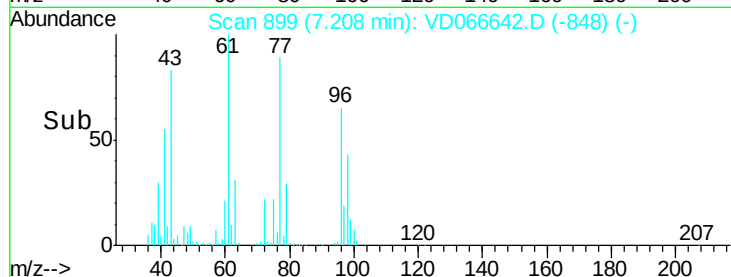
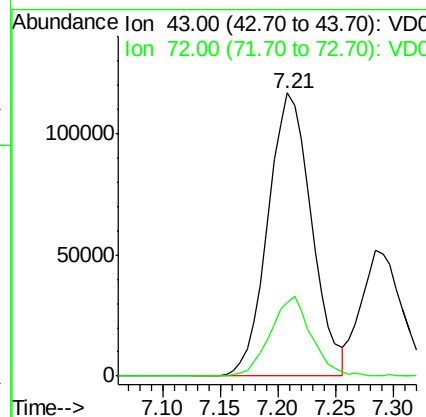
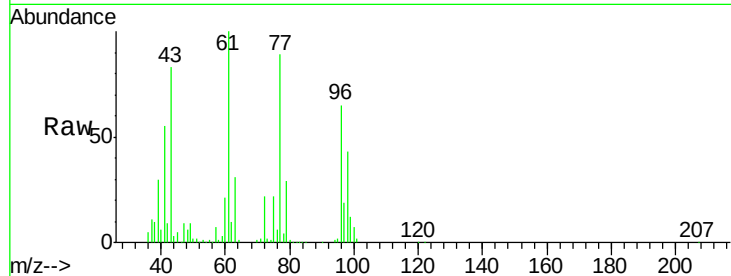
72 26.1 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 49.462 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066642.D

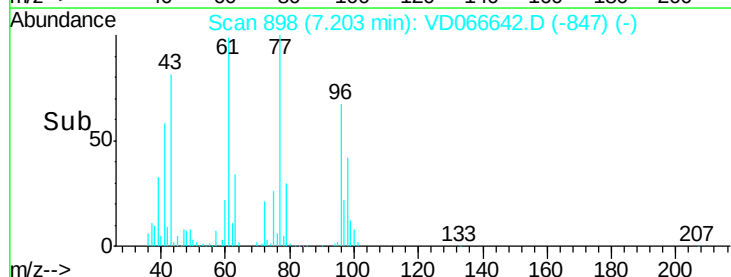
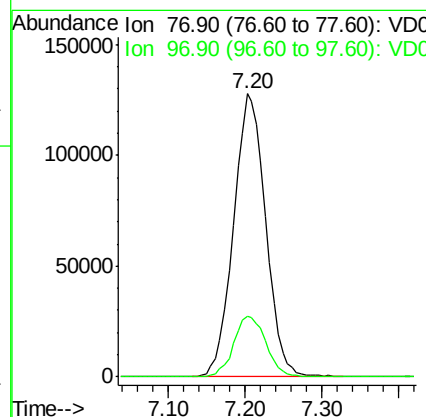
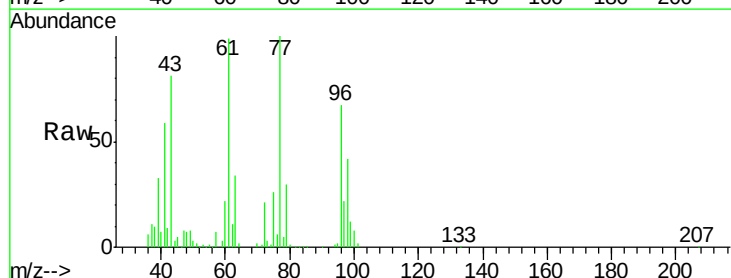
Acq: 11 Sep 2020 12:19

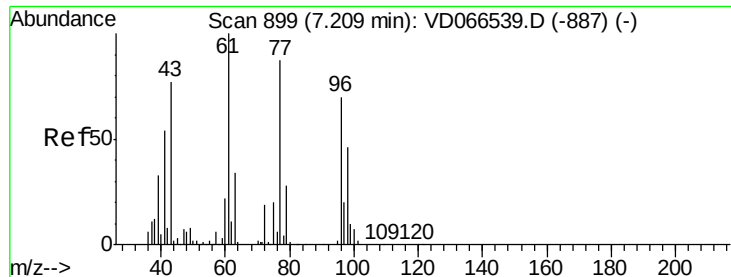
Tgt Ion: 77 Resp: 372172

Ion Ratio Lower Upper

77 100

97 21.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.216 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066642.D

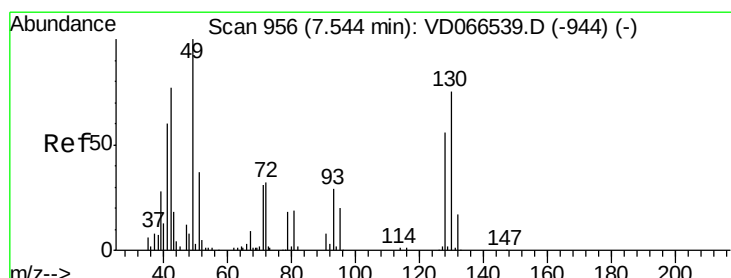
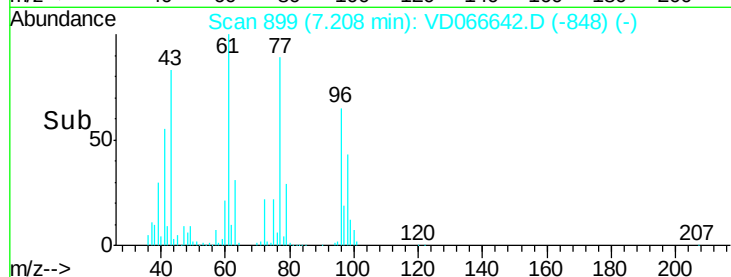
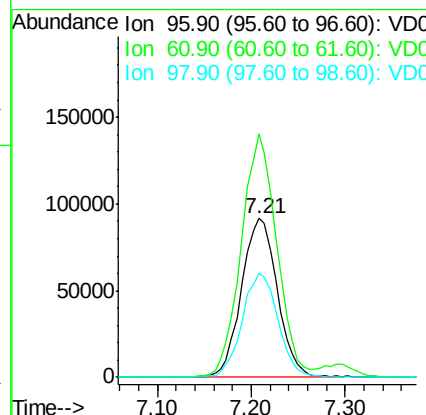
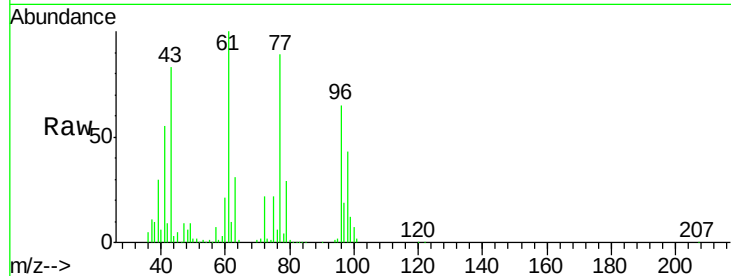
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	243251		
61	150.9		0.0	301.0
98	65.7		0.0	129.8

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#28

Bromochloromethane

Concen: 51.570 ug/l

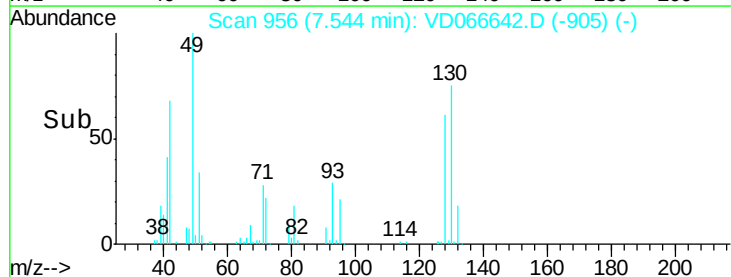
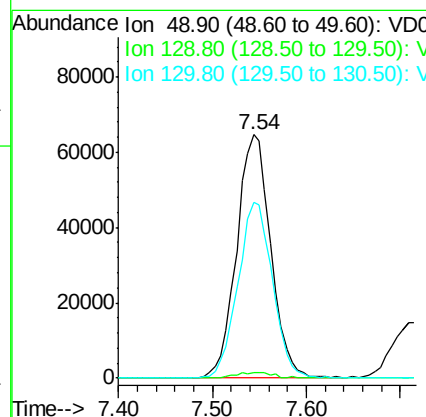
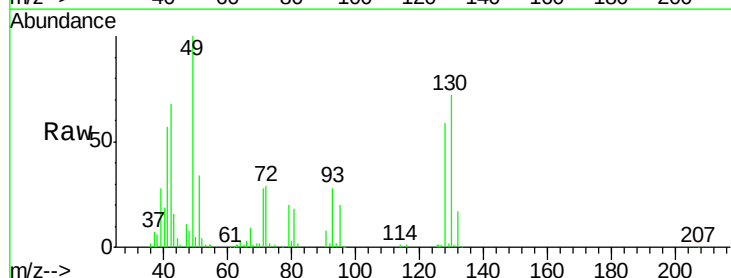
RT: 7.54 min Scan# 956

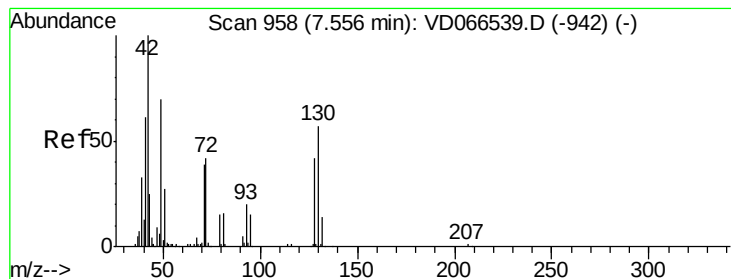
Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	162862		
129	2.3		0.0	2.6
130	73.1		58.2	87.2





#29

Tetrahydrofuran

Concen: 254.892 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

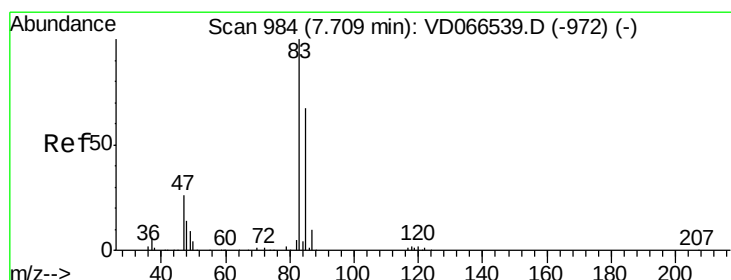
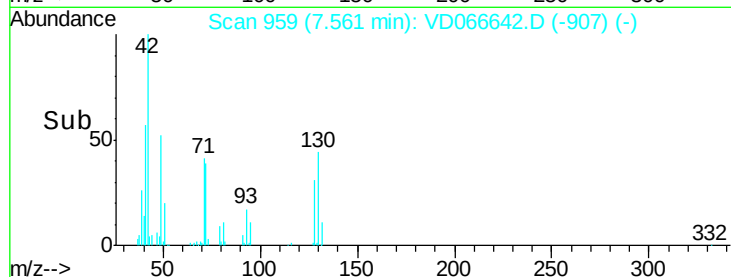
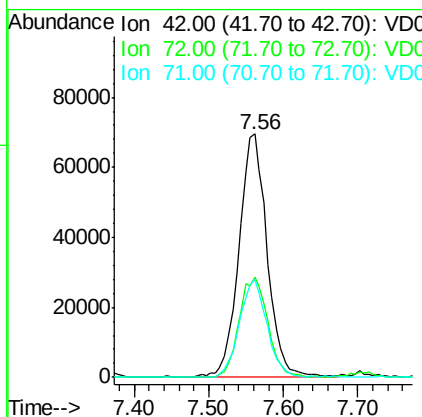
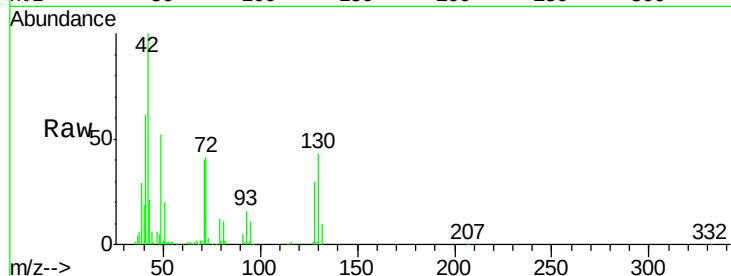
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.4	50.0
71	39.3	31.9	47.9

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#30

Chloroform

Concen: 49.059 ug/l

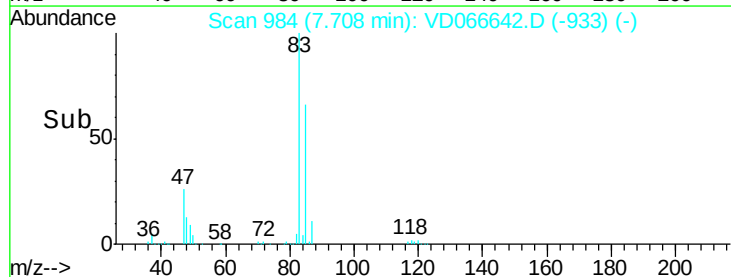
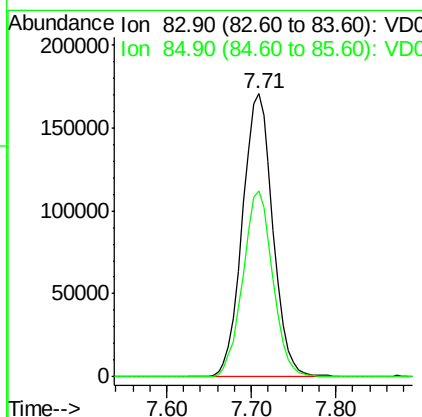
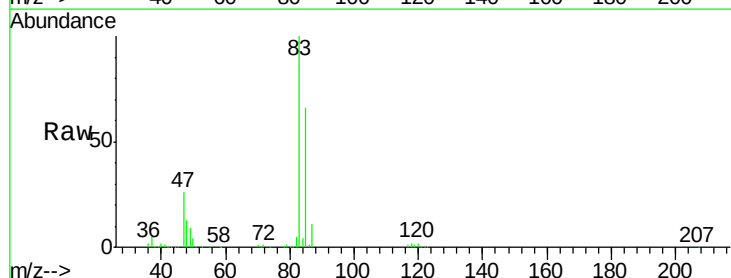
RT: 7.71 min Scan# 984

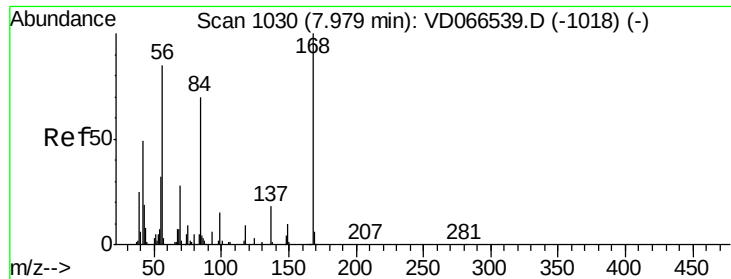
Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.6	80.4





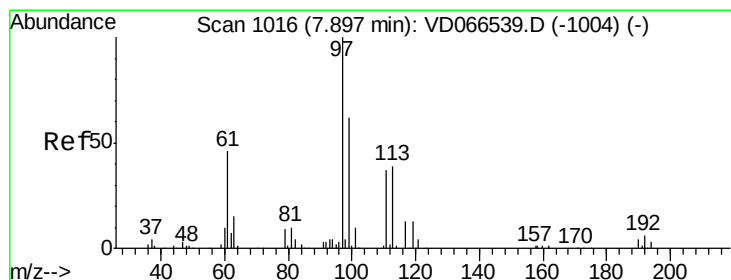
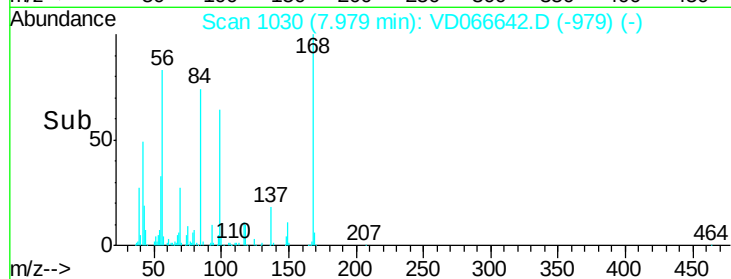
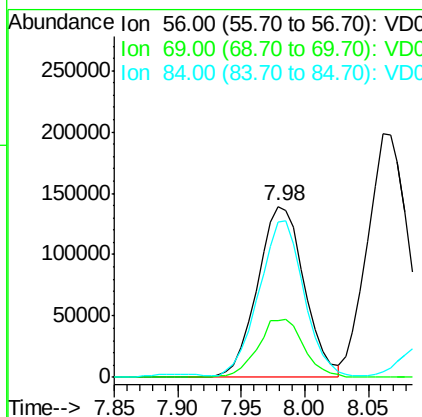
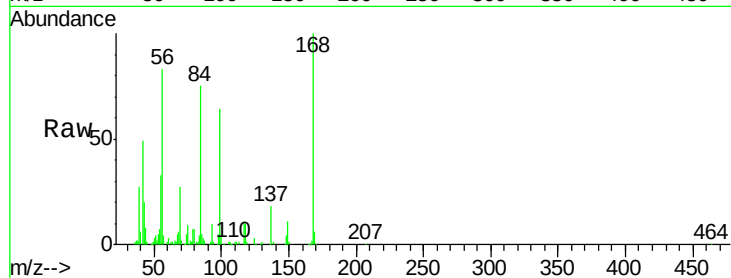
#31
Cyclohexane
Concen: 47.292 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.3	39.5
84	89.0	66.1	99.1

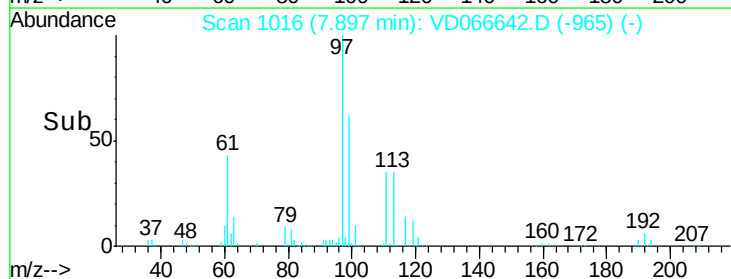
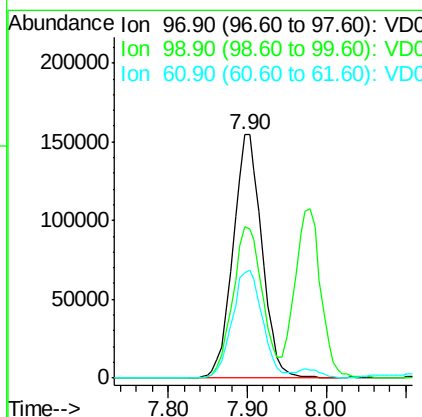
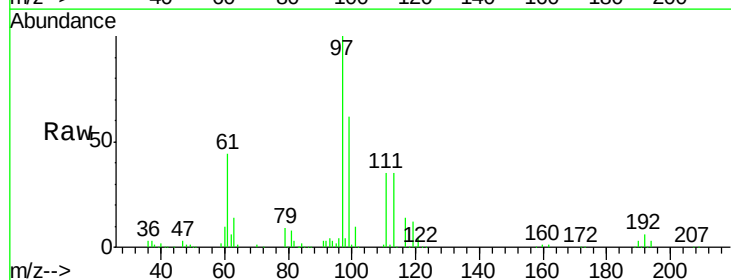
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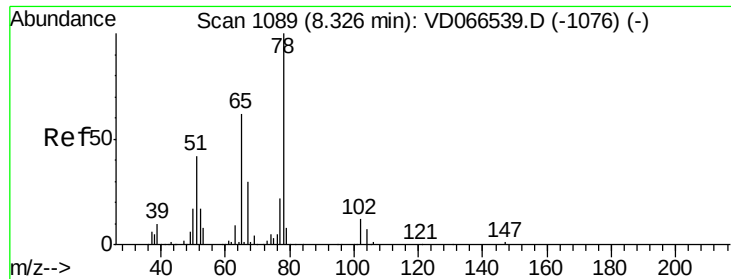
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 47.712 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.0
61	46.7	37.4	56.0





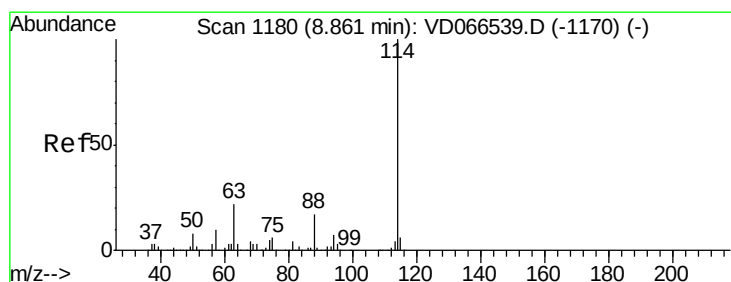
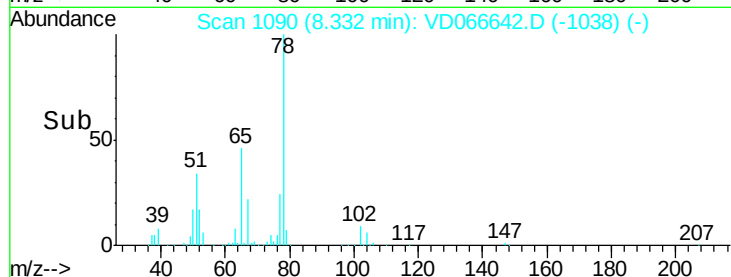
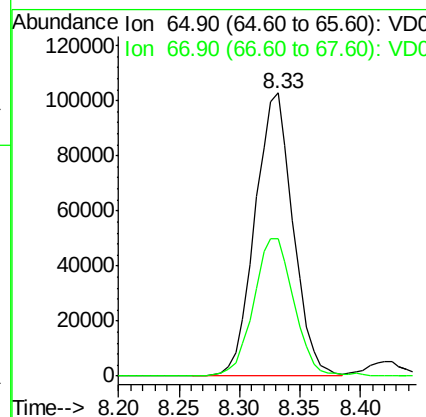
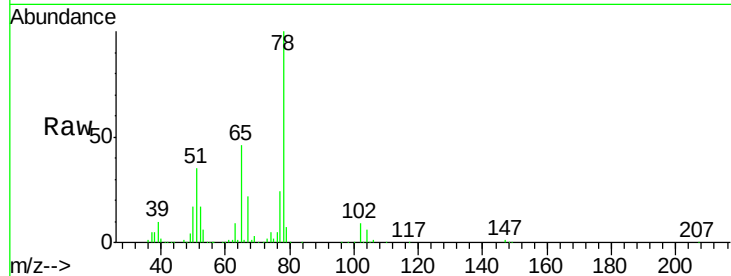
#33
 1,2-Dichloroethane-d4
 Concen: 48.297 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	224484		
67	51.5	0.0	102.8	

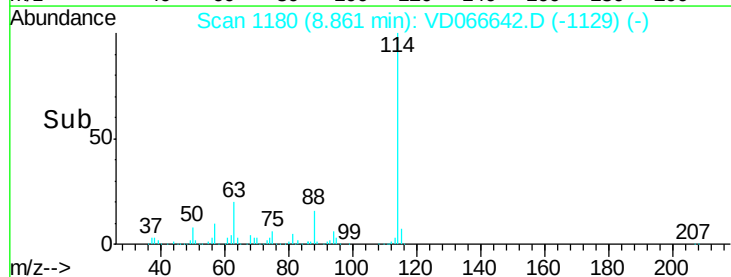
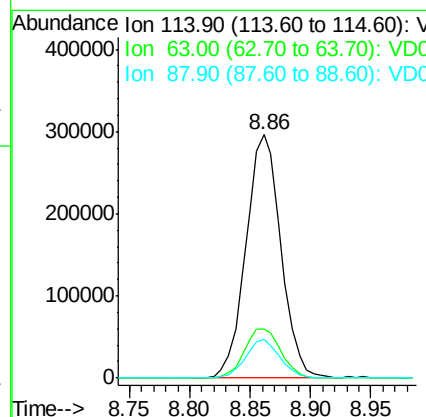
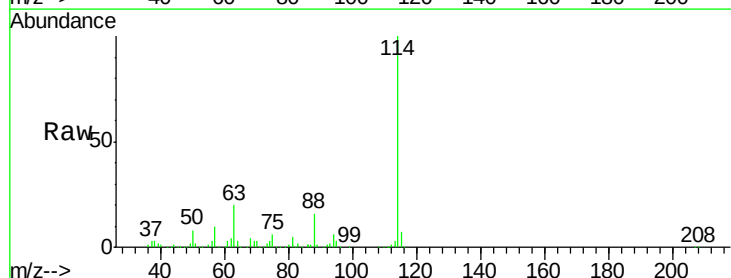
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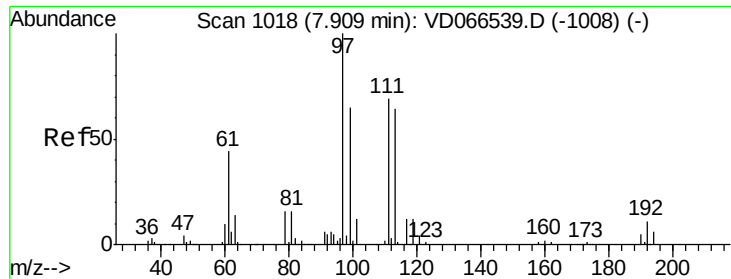
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	598486		
63	20.3	0.0	43.2	
88	15.9	0.0	33.2	





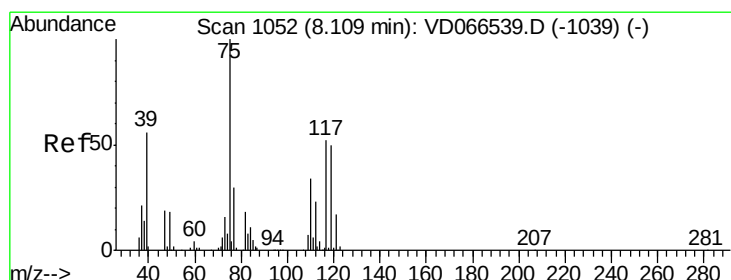
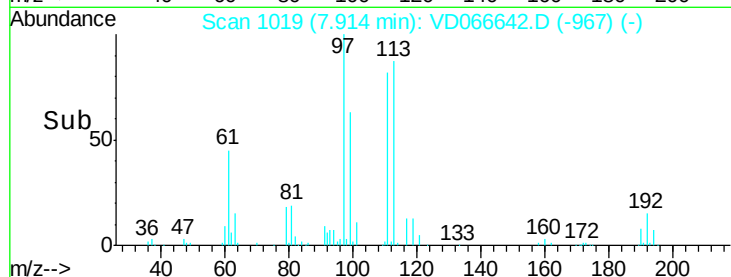
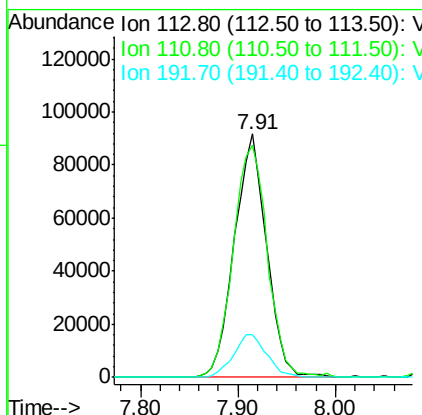
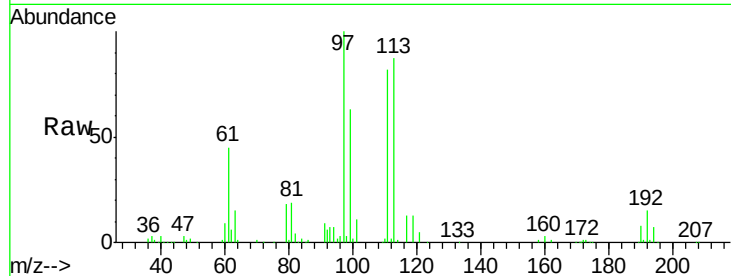
#35
 Dibromofluoromethane
 Concen: 51.952 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	209753		
111	101.8		83.2	124.8
192	18.1		13.7	20.5

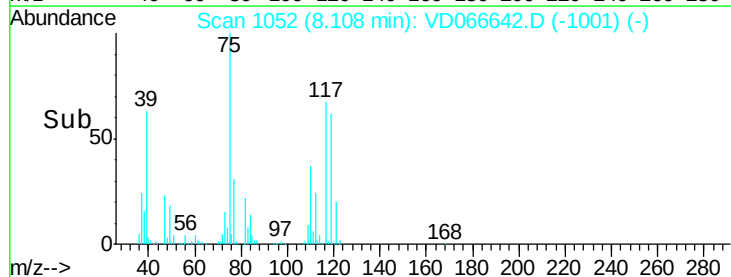
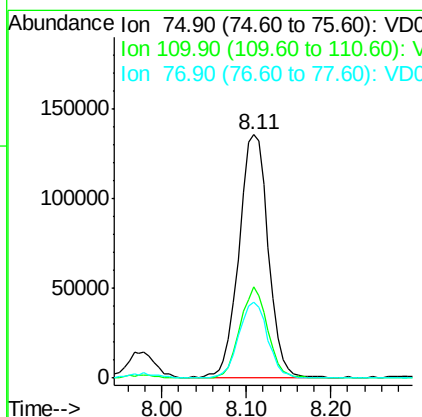
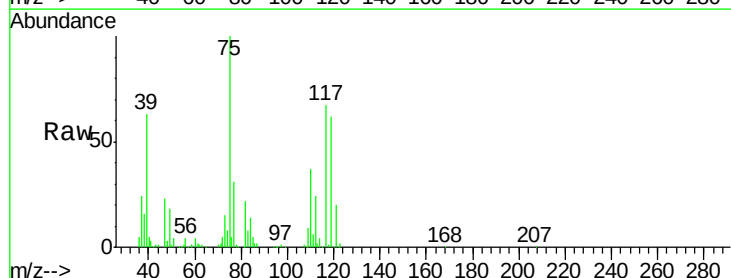
Manual Integrations
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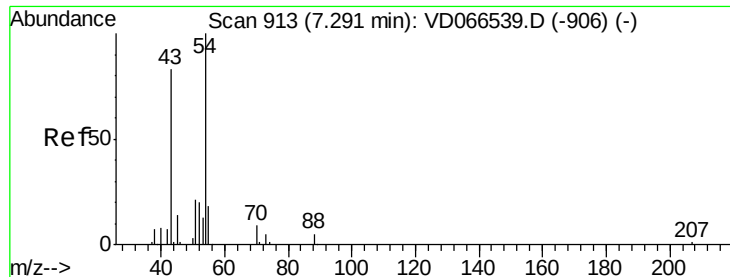
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 51.995 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	323845		
110	35.4		17.3	52.0
77	31.2		25.1	37.7





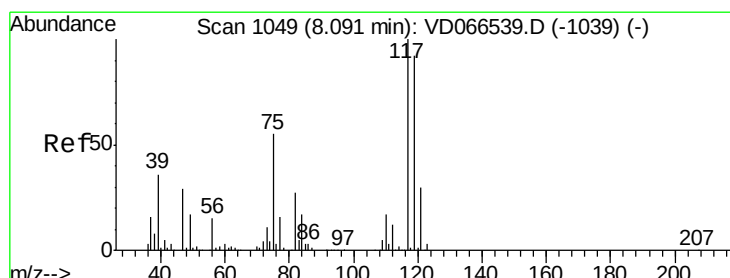
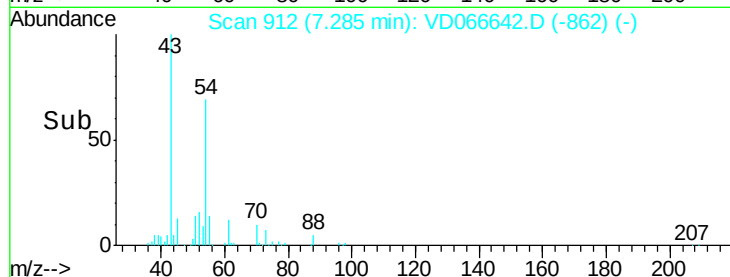
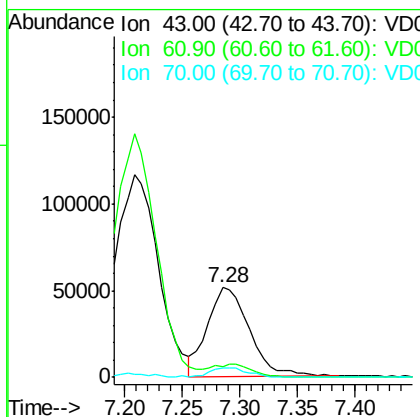
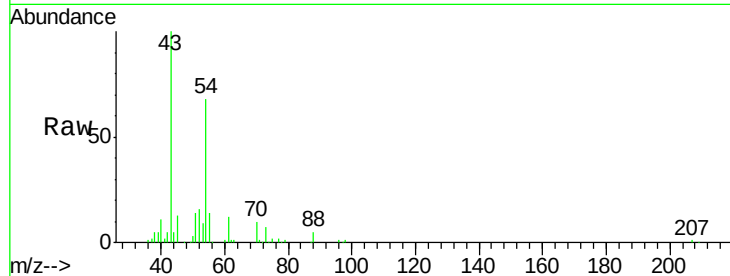
#37
Ethyl Acetate
Concen: 52.550 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.8	17.8
70	10.1	7.9	11.9

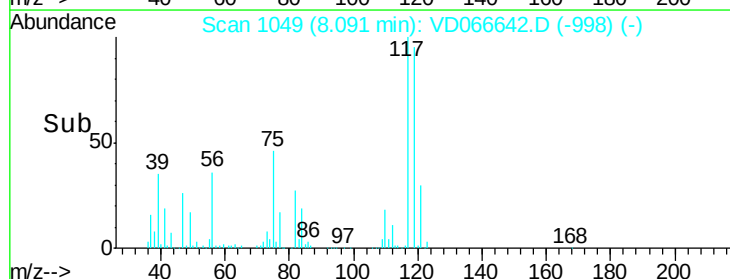
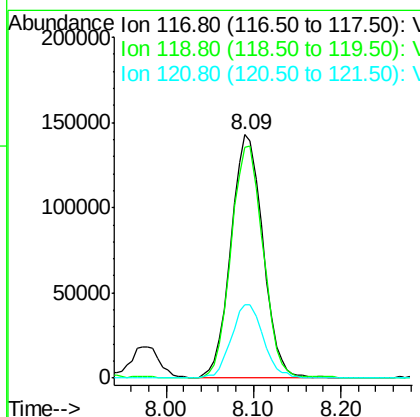
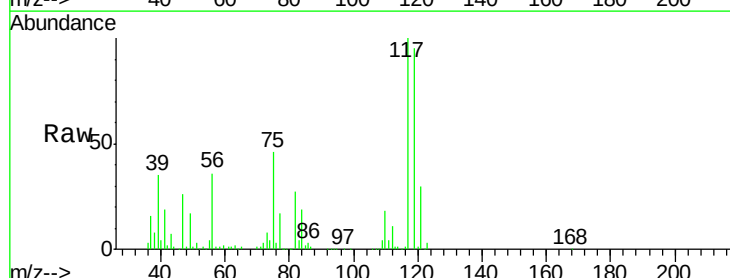
Manual Integrations
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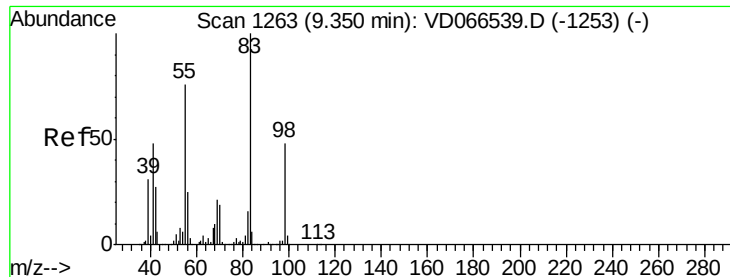
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#38
Carbon Tetrachloride
Concen: 53.559 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.9	110.9
121	30.4	24.1	36.1





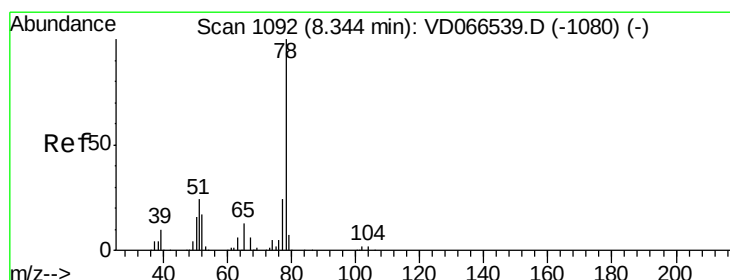
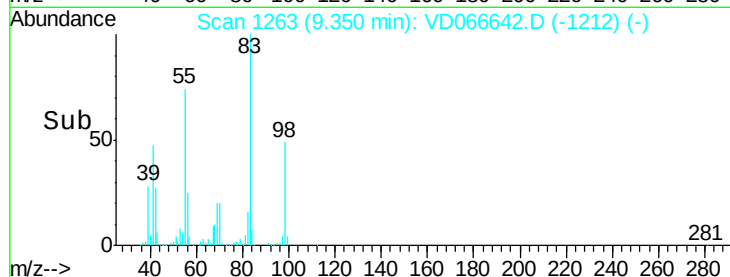
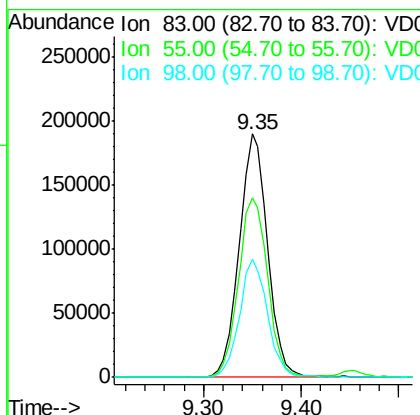
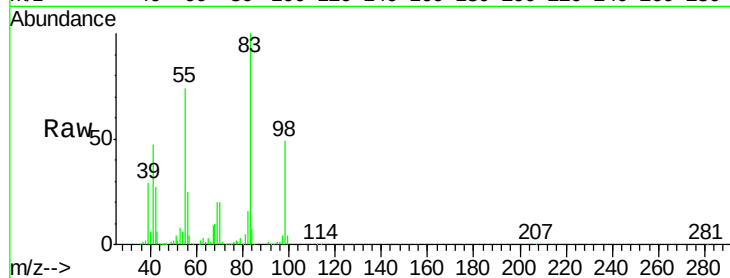
#39
Methylvlcyclohexane
Concen: 55.496 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	60.8	91.2
98	48.6	38.6	58.0

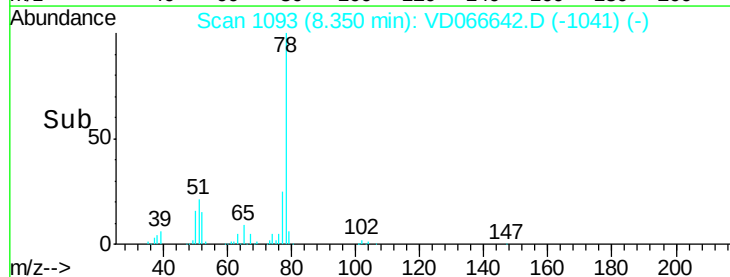
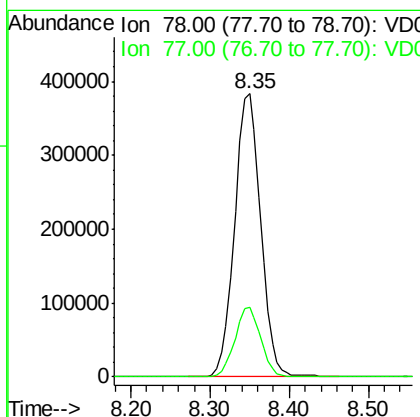
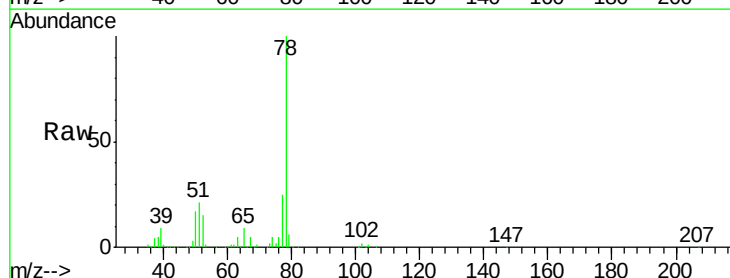
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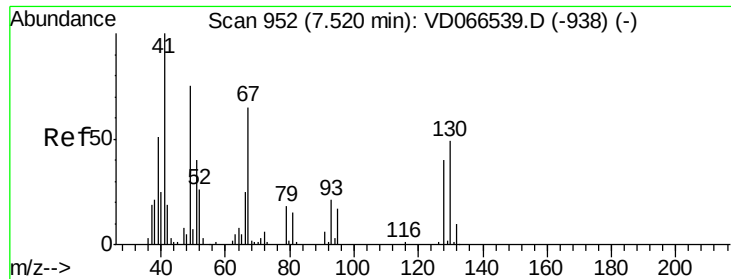
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#40
Benzene
Concen: 51.251 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7





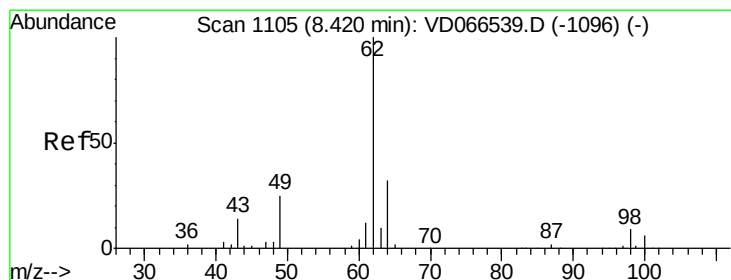
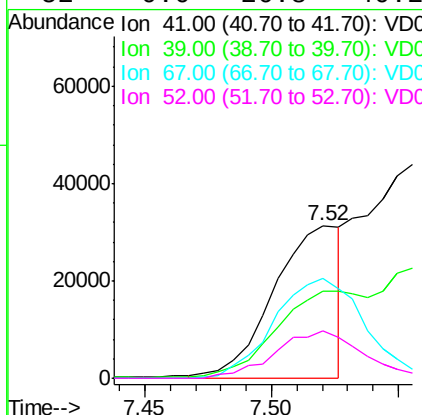
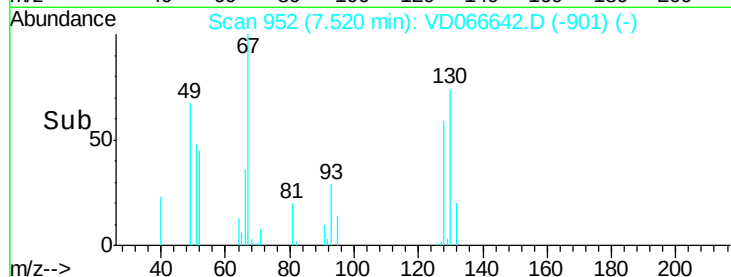
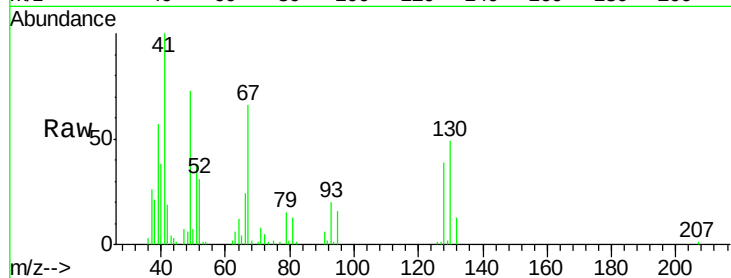
#41
Methacrylonitrile
Concen: 48.280 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	57962
Ion	Ratio	Lower	Upper
41	100		
39	83.3	53.6	80.4#
67	0.0	59.2	88.8#
52	0.0	26.8	40.2#

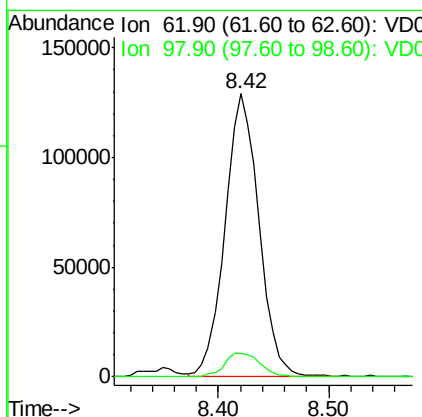
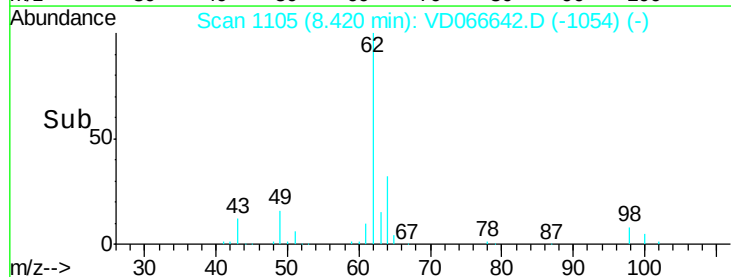
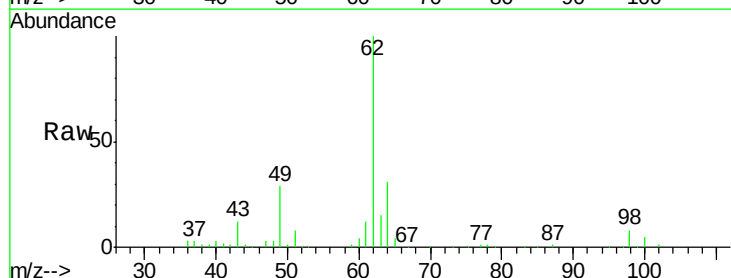
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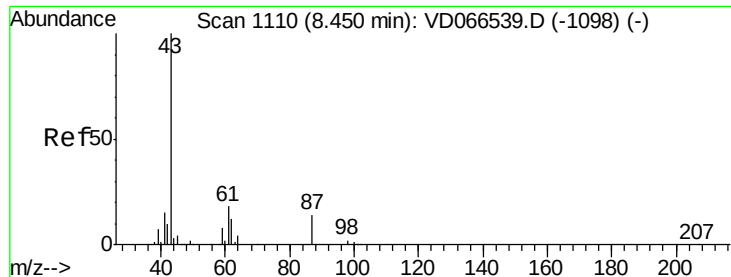
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#42
1,2-Dichloroethane
Concen: 49.983 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	62	Resp	276256
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6





#43

Isopropyl Acetate

Concen: 53.065 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

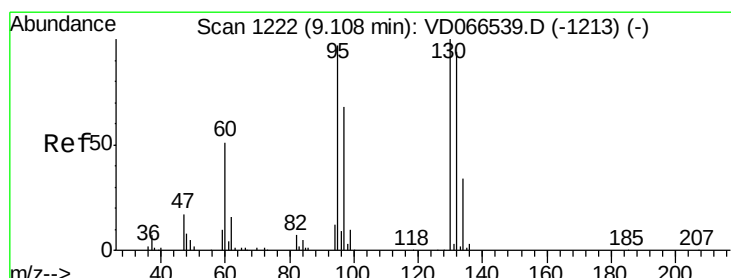
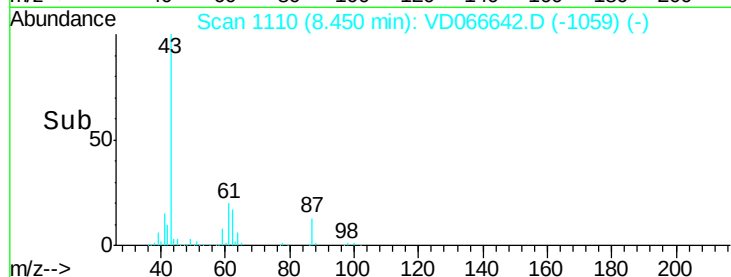
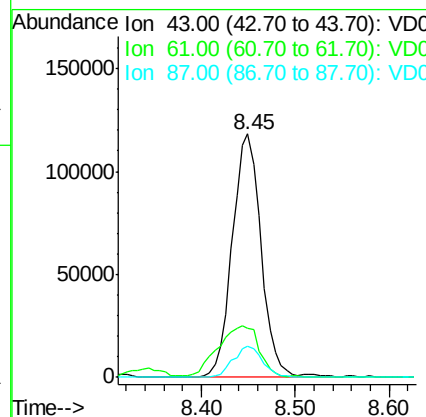
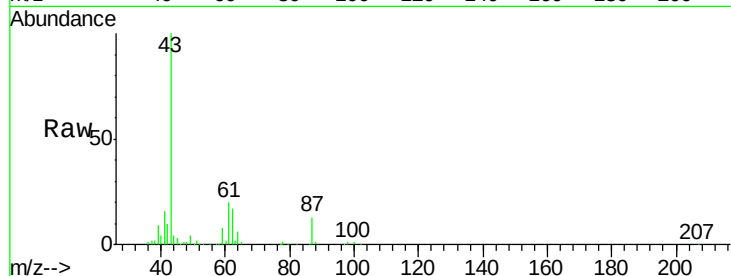
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	252214
Ion	Ratio	Lower	Upper
43	100		
61	30.7	23.8	35.8
87	12.7	10.7	16.1

Manual Integrations
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9/14/2020 12:06:42 PM



#44

Trichloroethene

Concen: 52.495 ug/l

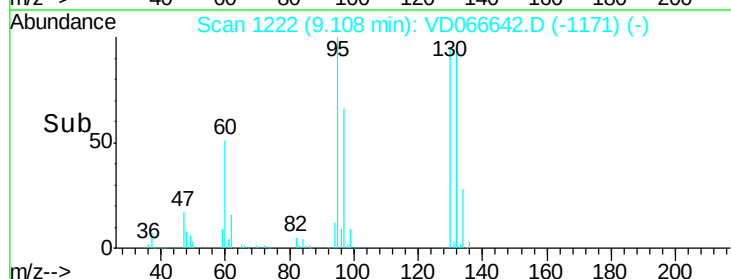
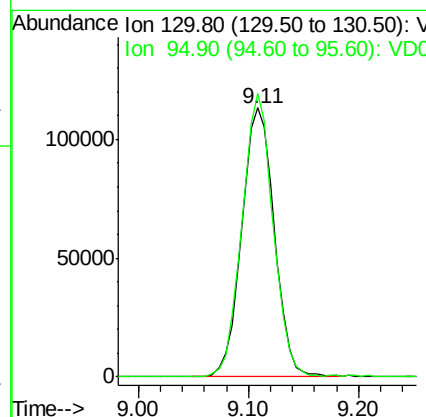
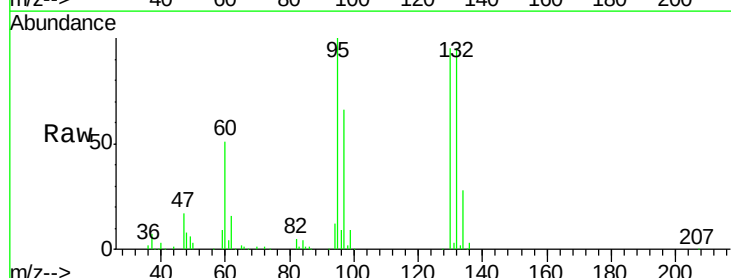
RT: 9.11 min Scan# 1222

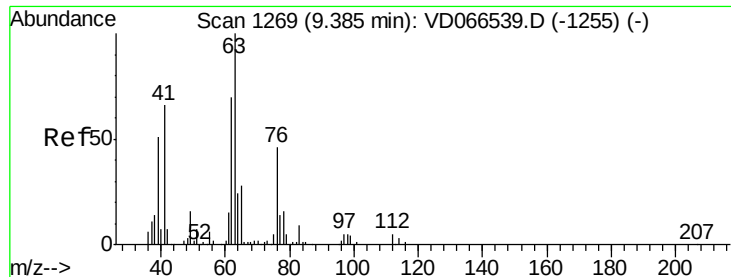
Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion:	130	Resp:	234892
Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	194.4





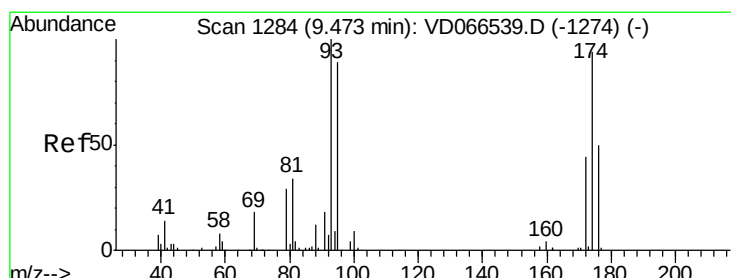
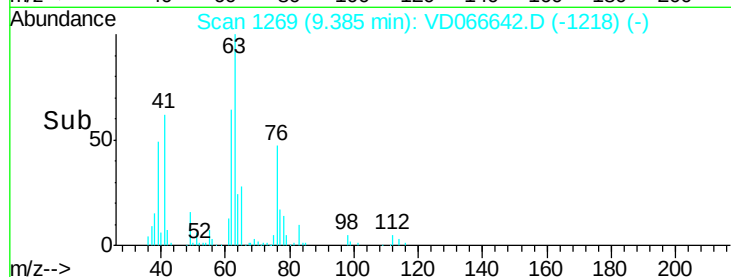
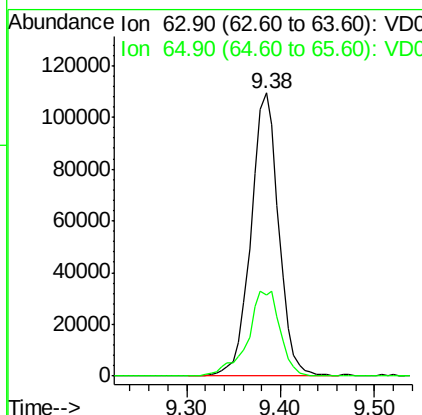
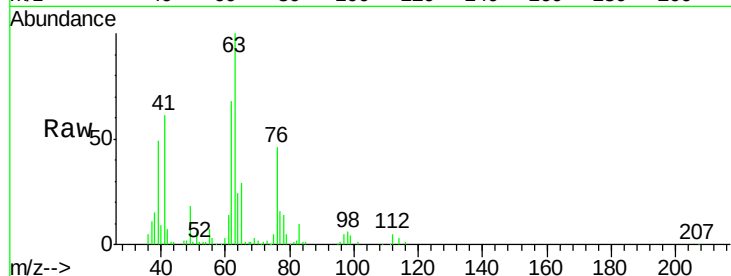
#45
 1,2-Dichloropropane
 Concen: 52.183 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 223857
 Ion Ratio Lower Upper
 63 100
 65 28.5 22.6 34.0

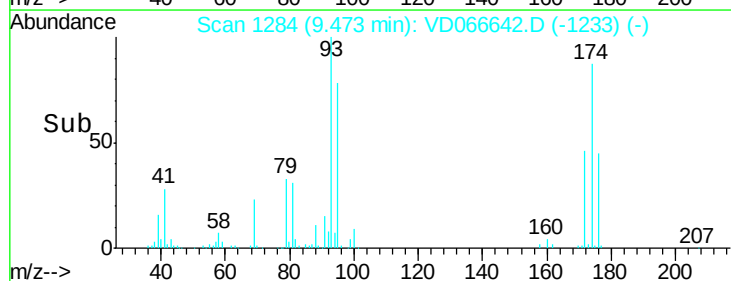
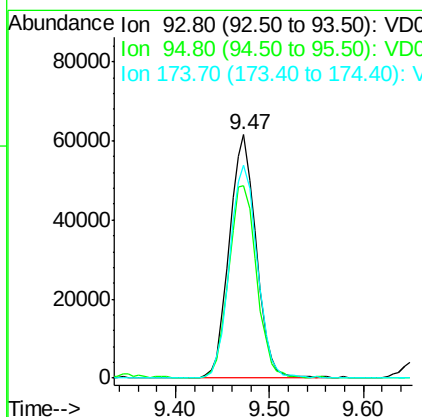
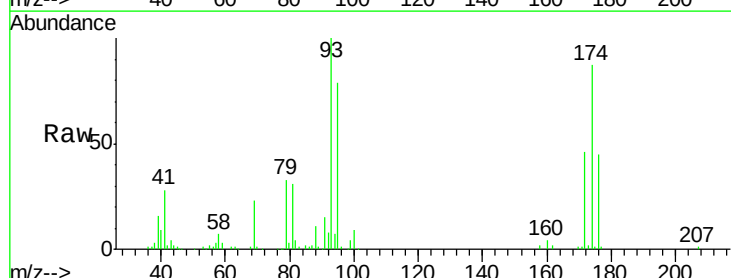
Manual Integrations
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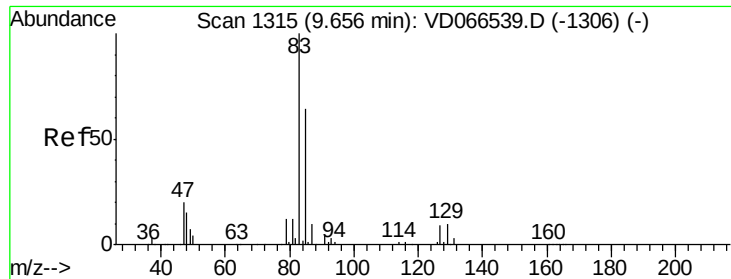
MMDadoda
 9/14/2020 12:06:42 PM



#46
 Dibromomethane
 Concen: 51.580 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion: 93 Resp: 122076
 Ion Ratio Lower Upper
 93 100
 95 82.3 68.7 103.1
 174 89.9 70.0 105.0





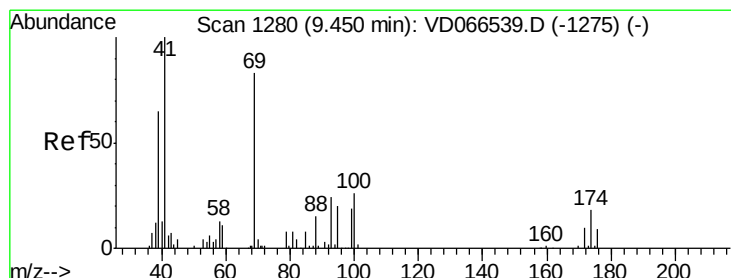
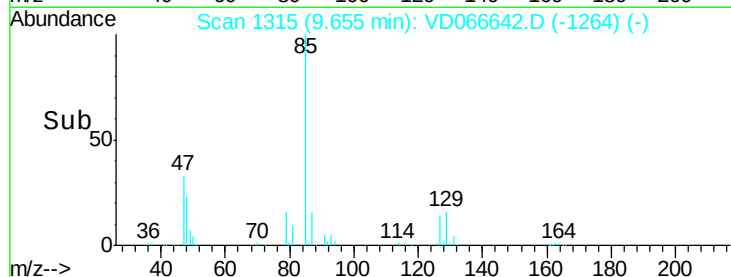
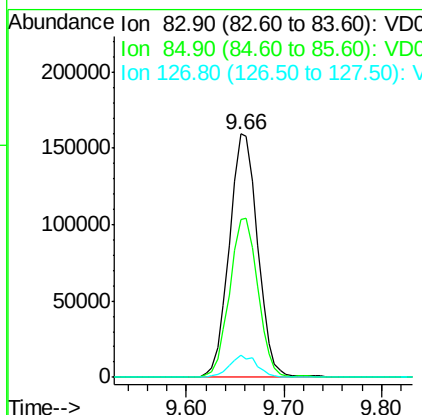
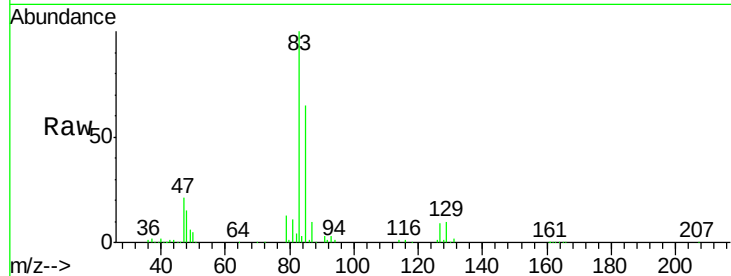
#47
Bromodichloromethane
Concen: 50.479 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	323234		
85	64.6	51.1	76.7	
127	9.2	6.9	10.3	

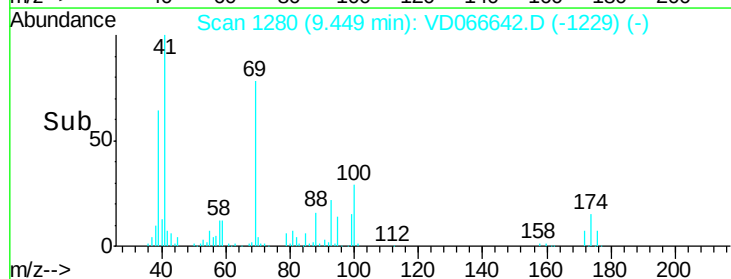
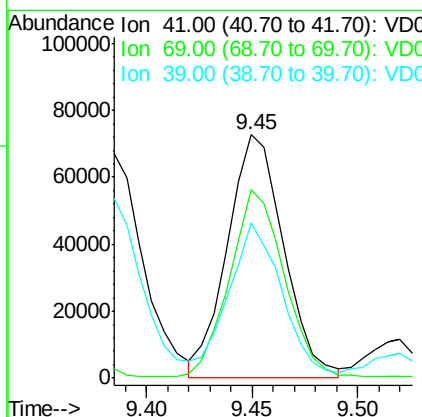
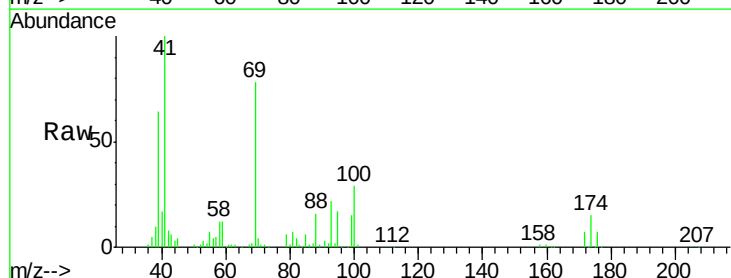
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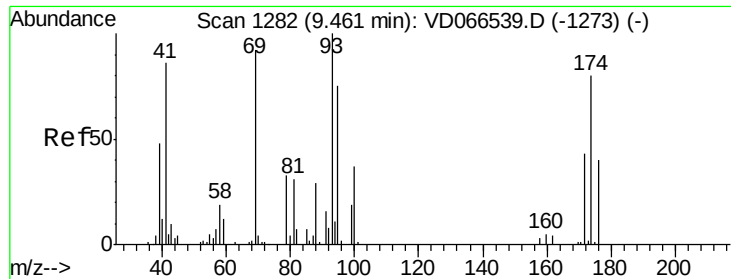
MMDadoda
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#48
Methyl methacrylate
Concen: 55.571 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	133555		
69	77.3	64.5	96.7	
39	56.0	46.6	69.8	





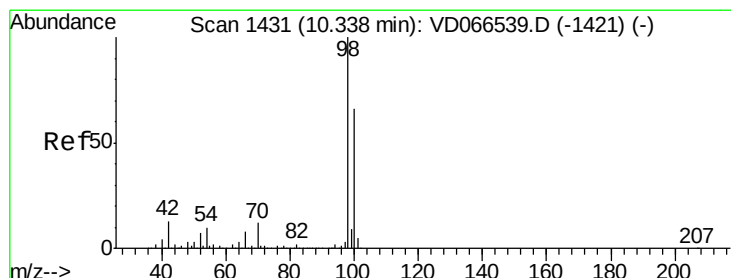
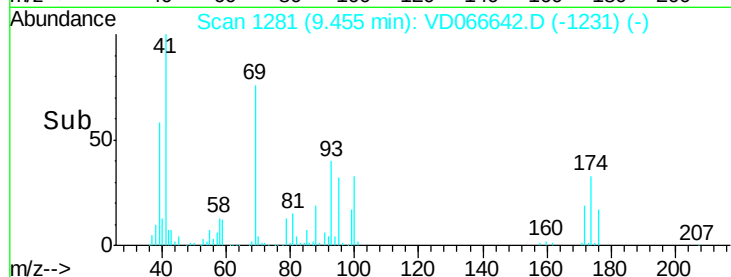
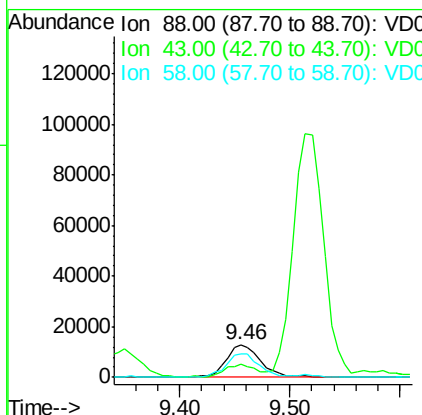
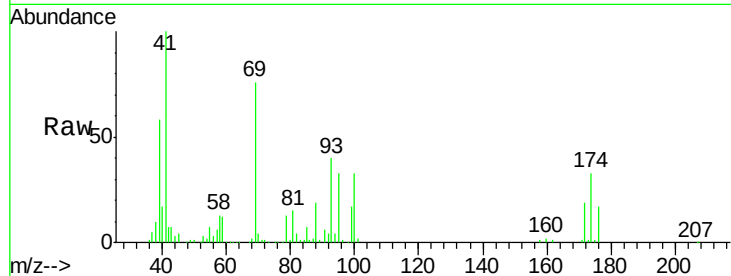
#49
 1,4-Dioxane
 Concen: 1076.868 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	27961
Ion	Ratio	Lower	Upper
88	100		
43	35.6	28.3	42.5
58	68.4	56.1	84.1

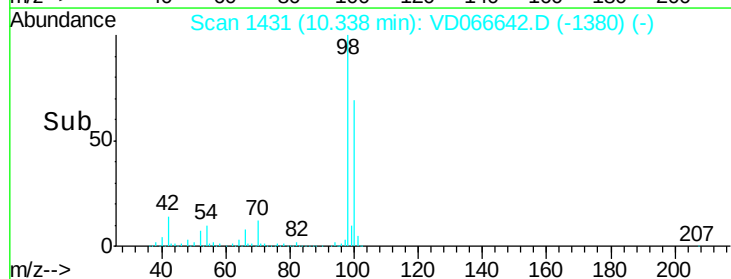
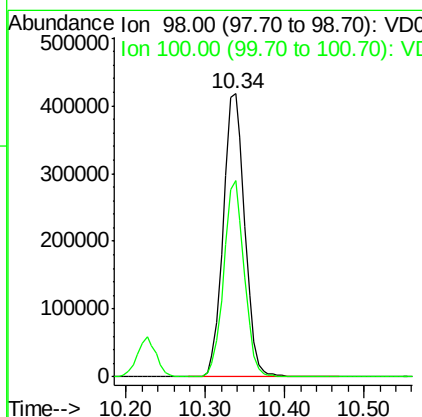
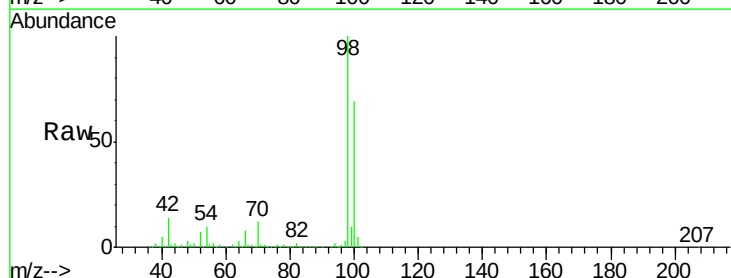
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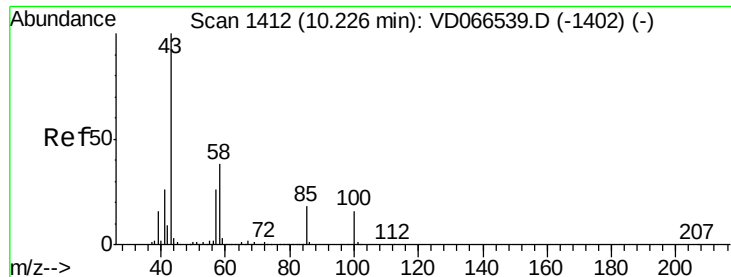
MMDadoda
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#50
 Toluene-d8
 Concen: 54.366 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion	98	Resp	784529
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3





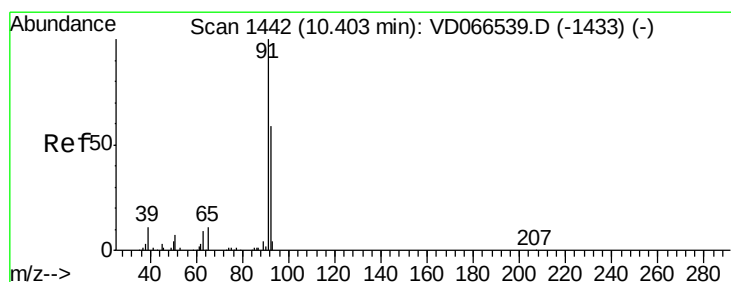
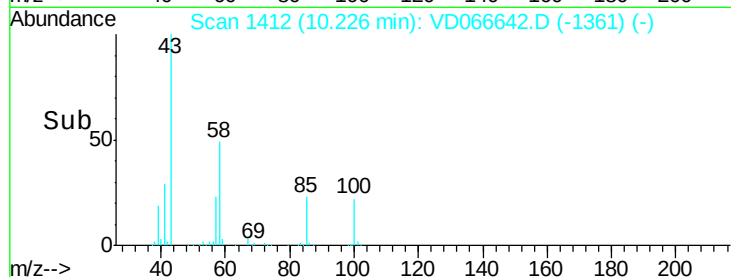
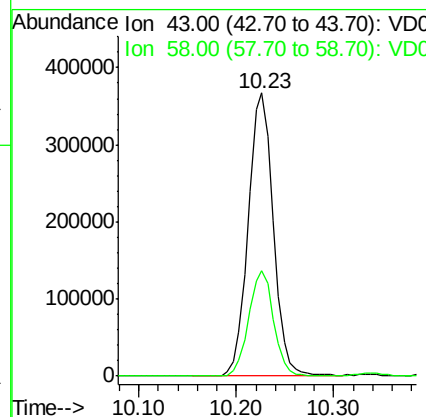
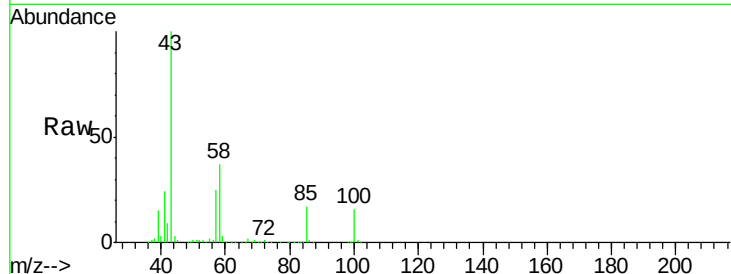
#51
4-Methyl-2-Pentanone
Concen: 276.090 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.5	45.7

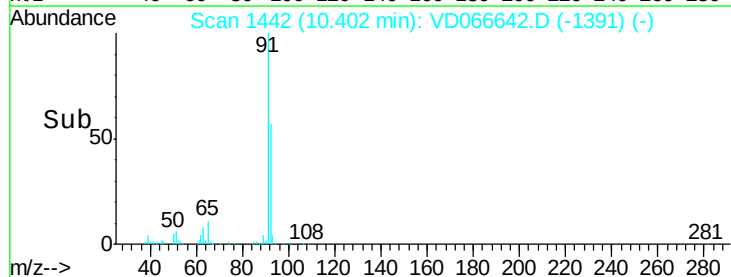
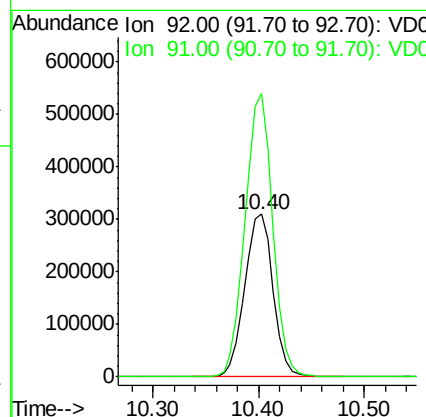
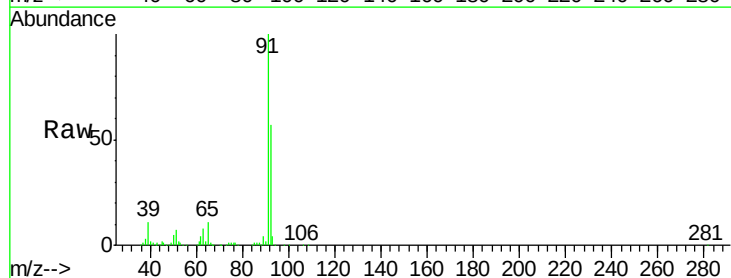
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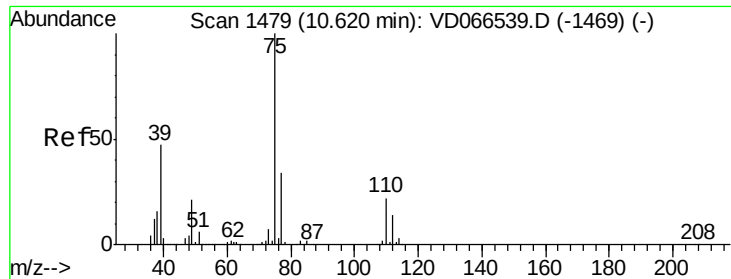
MMDadoda
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#52
Toluene
Concen: 53.387 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.1	137.4	206.2





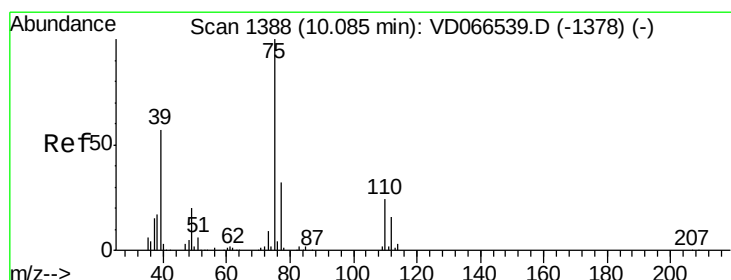
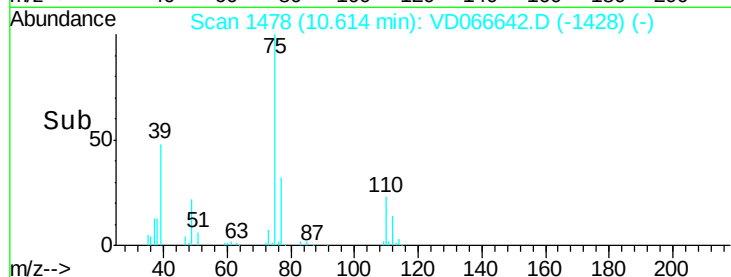
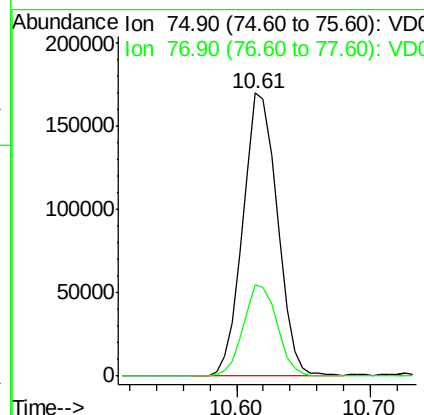
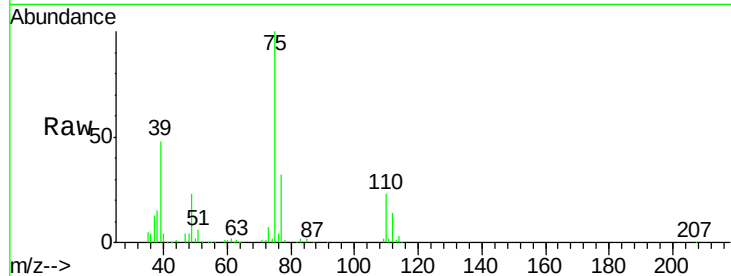
#53
t-1,3-Dichloropropene
Concen: 53.866 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	27.4	41.2

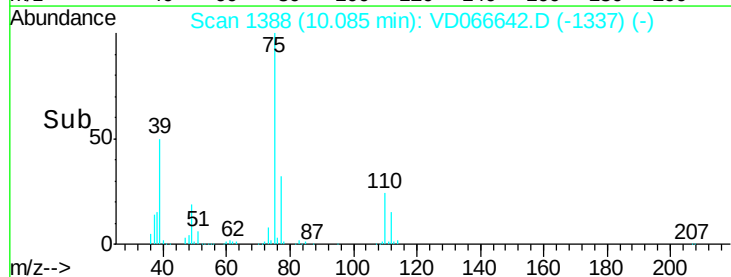
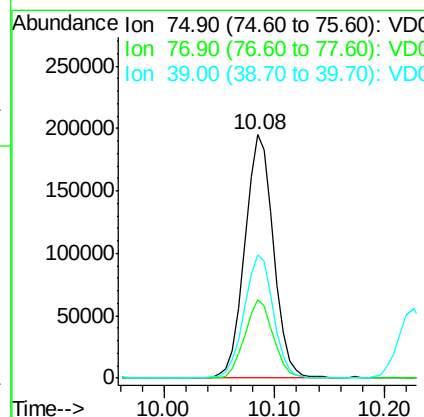
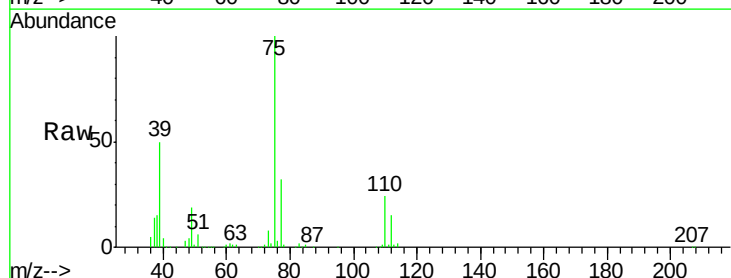
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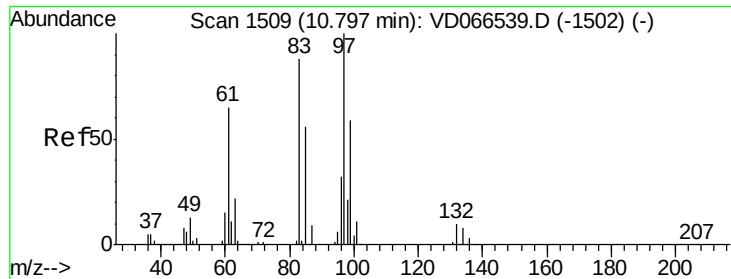
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.658 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.0
39	50.3	45.4	68.0





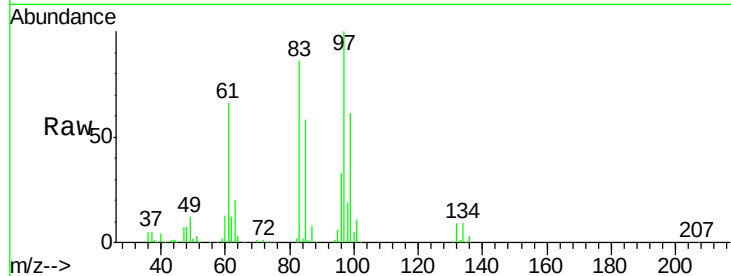
#55
 1,1,2-Trichloroethane
 Concen: 53.455 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

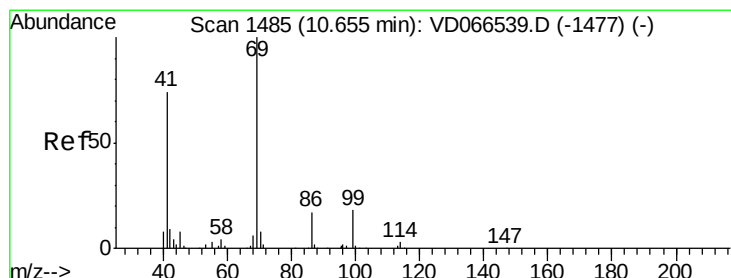
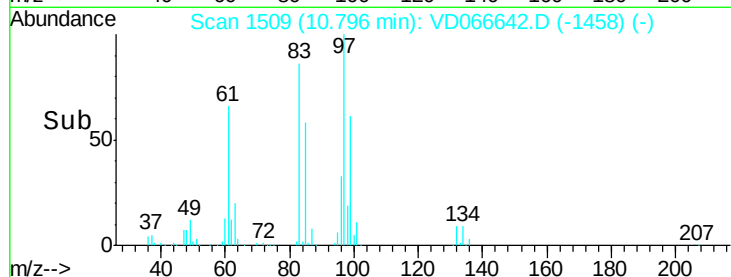
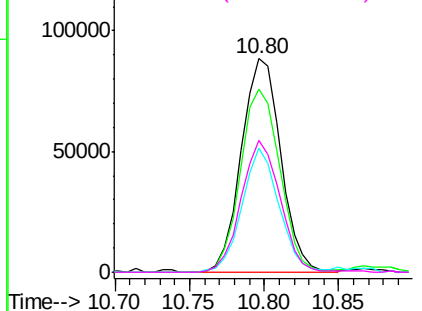
Tot Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.1	105.1
85	58.4	44.5	66.7
99	61.5	47.1	70.7

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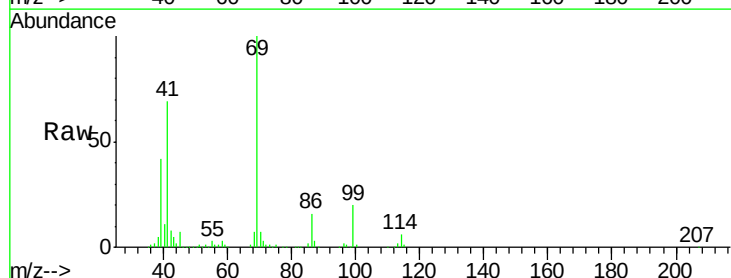


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

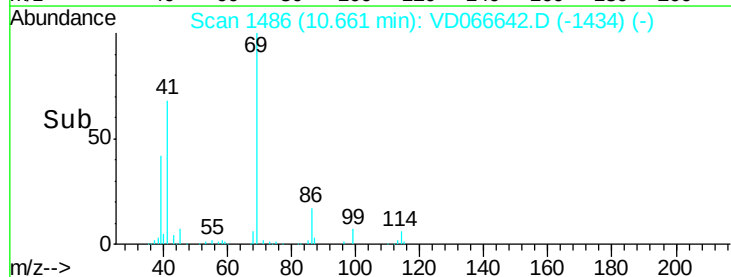
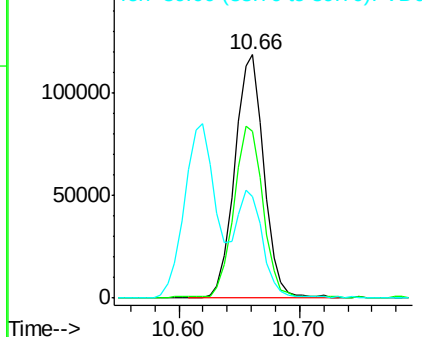


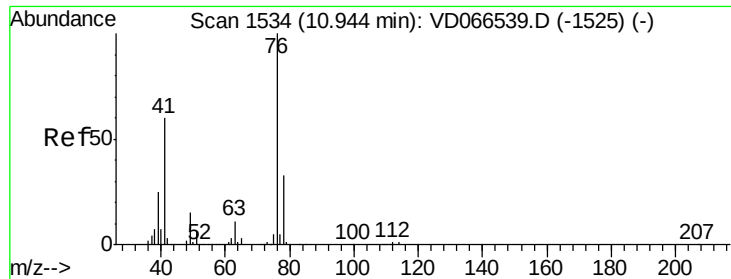
#56
 Ethyl methacrylate
 Concen: 56.284 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.3	56.8	85.2
39	41.4	30.6	46.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 53.573 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 285549

Ion Ratio Lower Upper

76 100

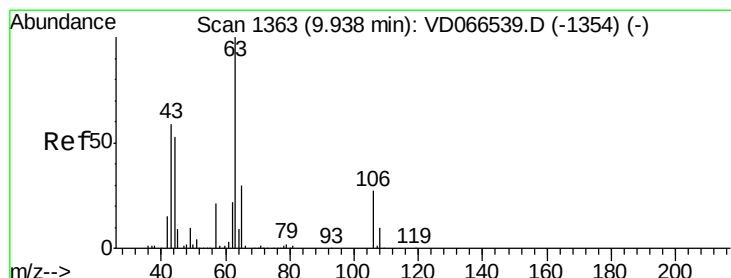
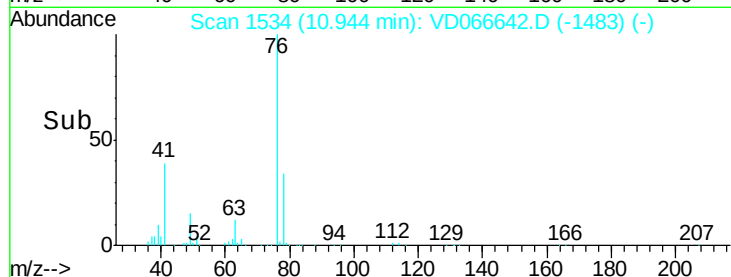
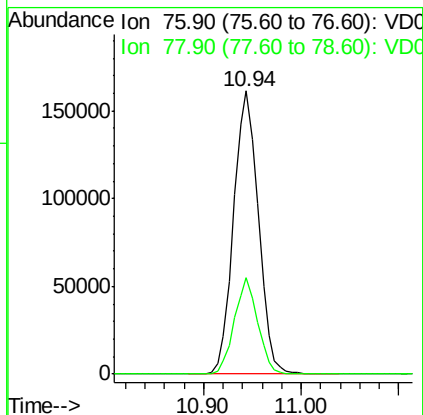
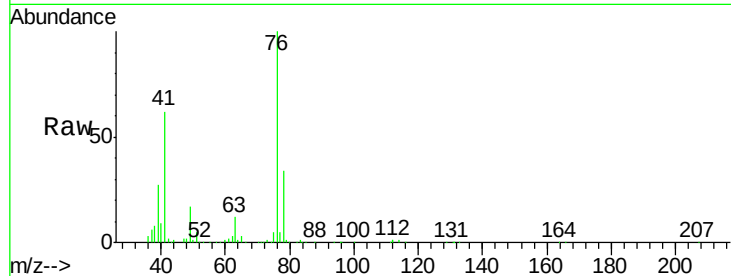
78 32.1 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 262.474 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066642.D

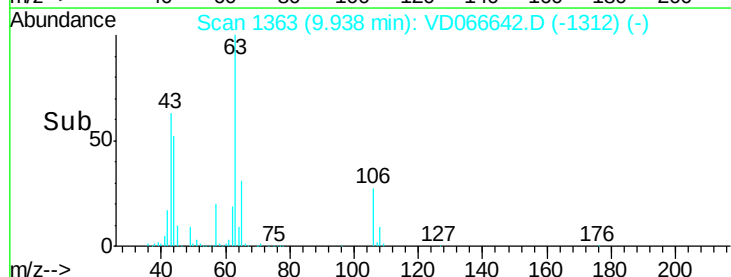
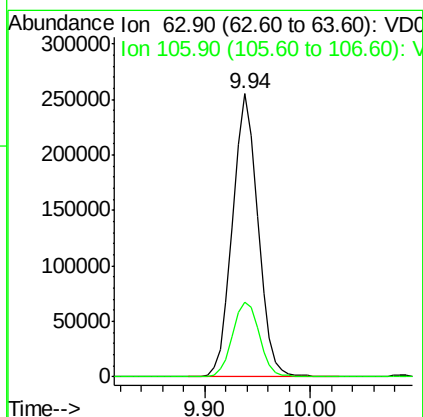
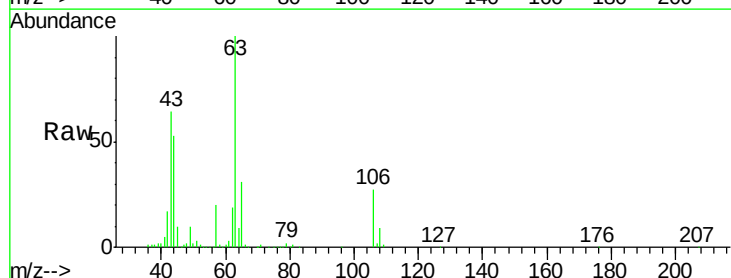
Acq: 11 Sep 2020 12:19

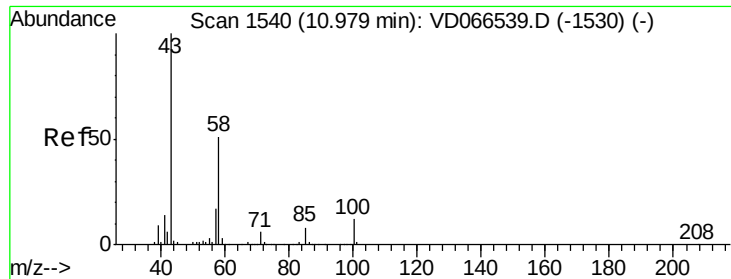
Tgt Ion: 63 Resp: 425370

Ion Ratio Lower Upper

63 100

106 27.8 22.0 33.0





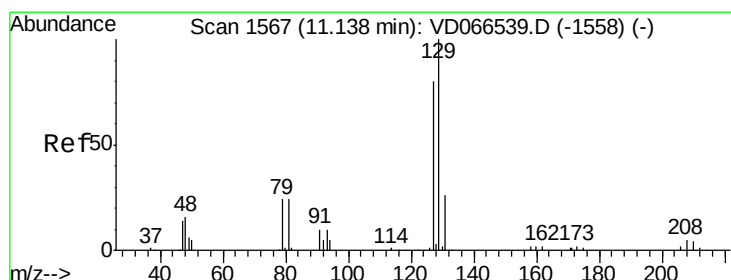
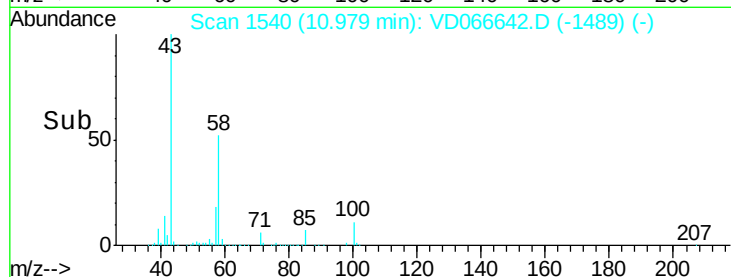
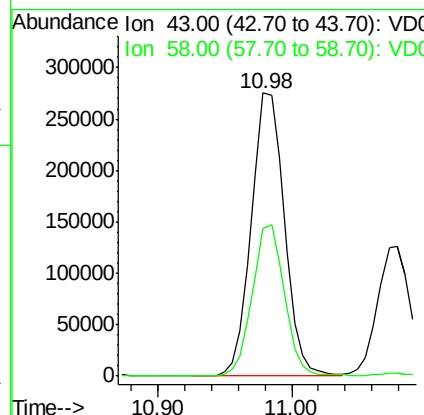
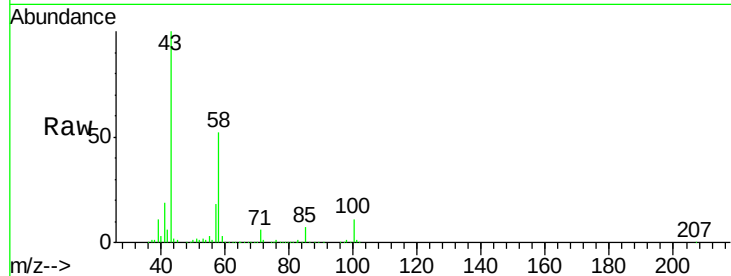
#59
2-Hexanone
Concen: 292.790 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 471964
Ion Ratio Lower Upper
43 100
58 51.9 25.6 76.8

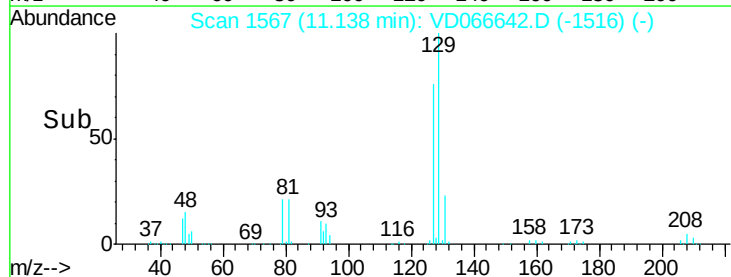
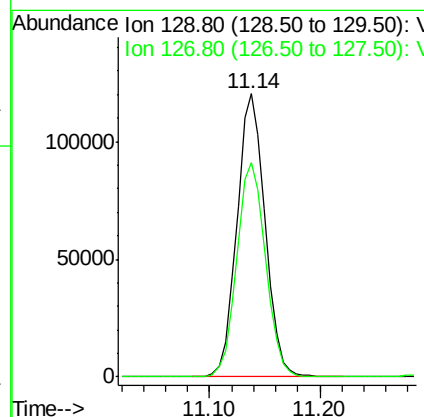
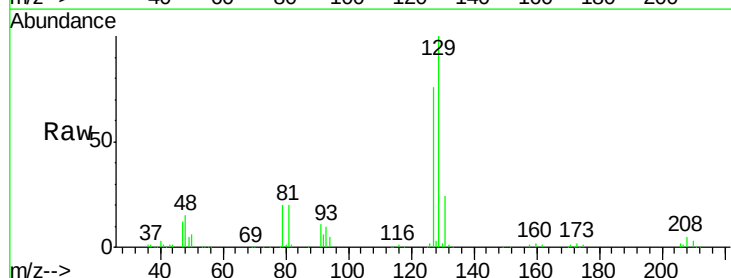
Manual Integrations
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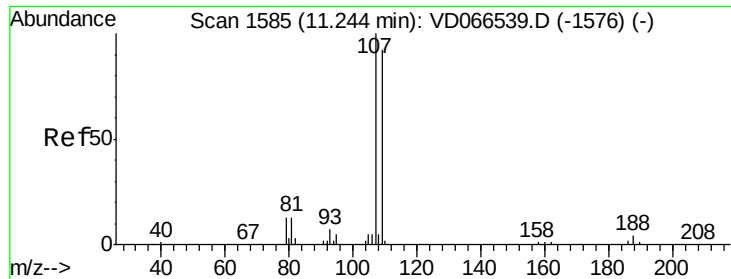
MMDadoda
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#60
Dibromochloromethane
Concen: 53.528 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion: 129 Resp: 215399
Ion Ratio Lower Upper
129 100
127 77.4 39.5 118.3





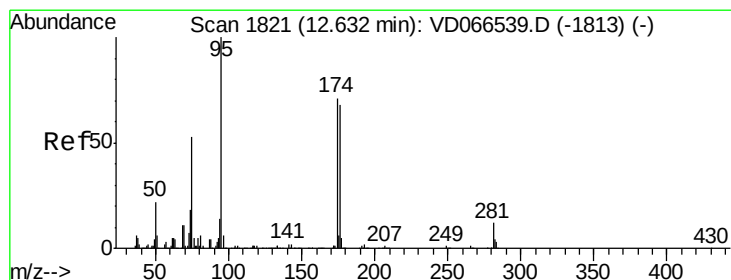
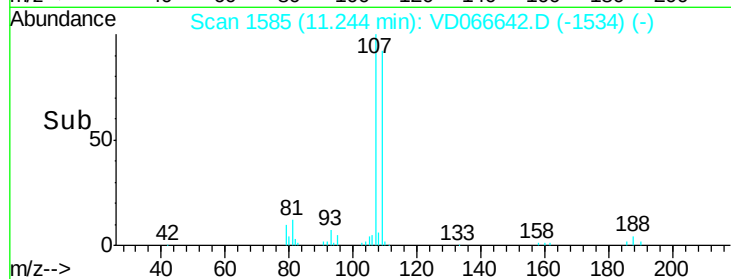
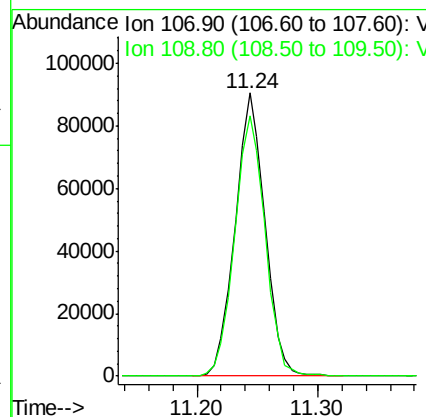
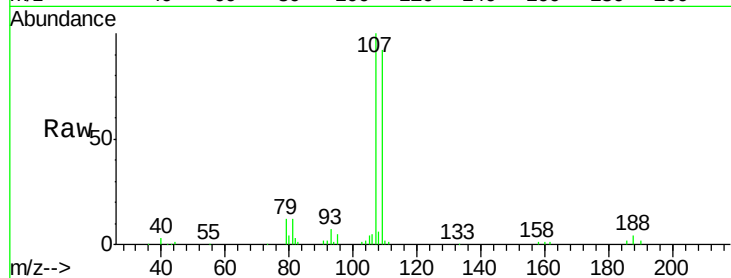
#61
 1,2-Dibromoethane
 Concen: 52.595 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	74.4	111.6

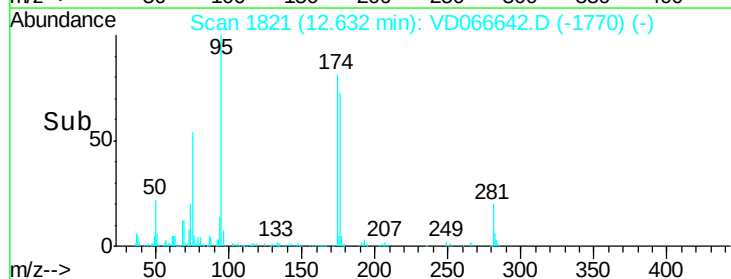
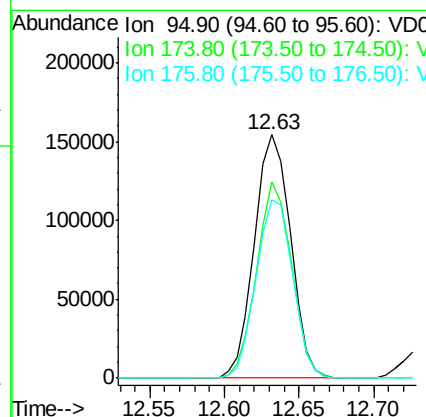
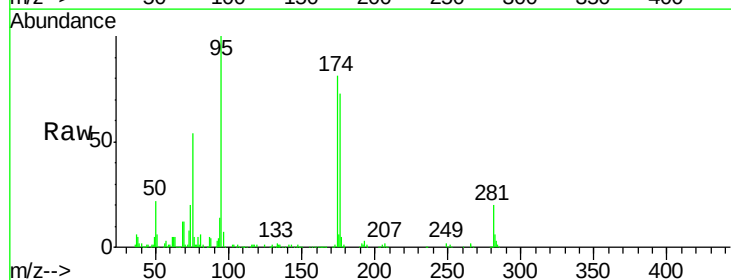
Manual Integrations
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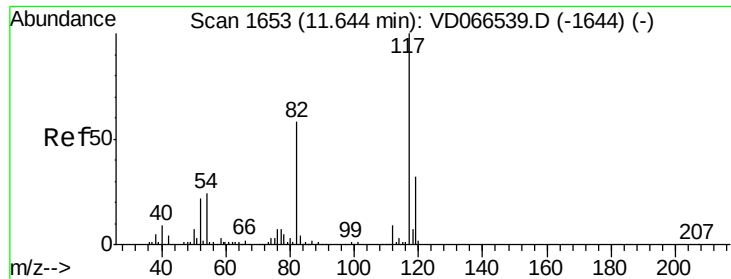
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 54.287 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	155.8
176	74.4	0.0	148.6





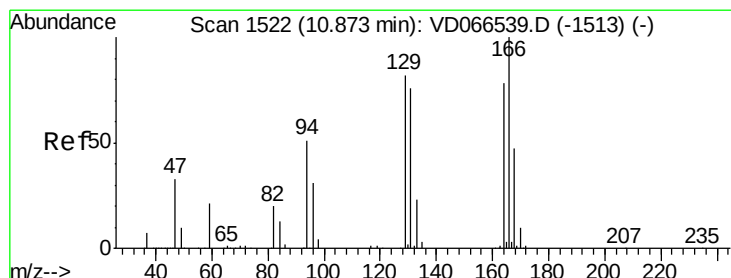
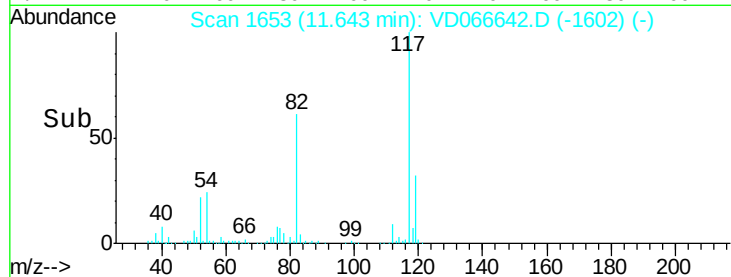
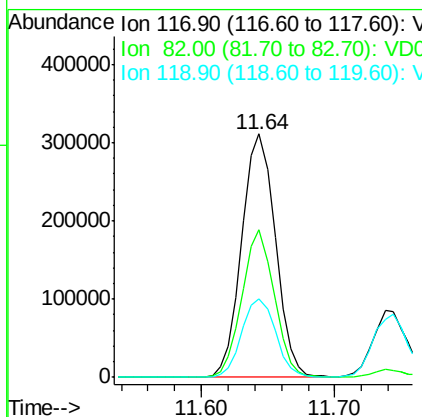
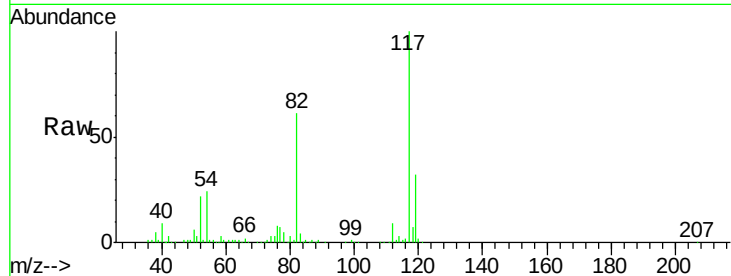
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	545133		
82	60.8	46.2	69.2	
119	32.3	25.8	38.8	

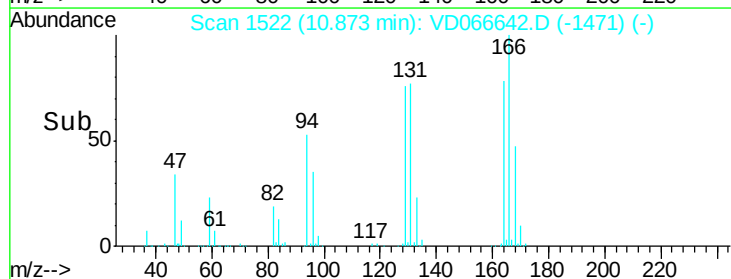
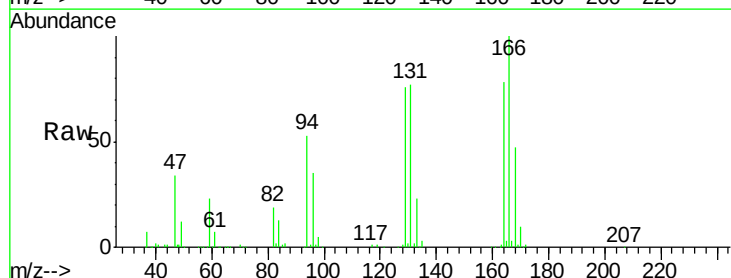
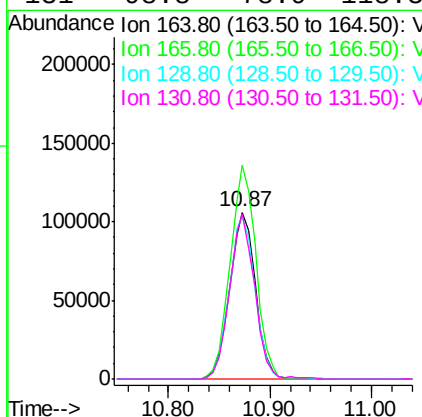
Manual Integrations
APPROVED

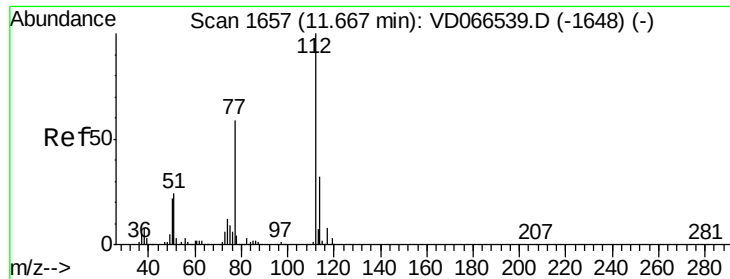
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#64
Tetrachloroethene
Concen: 50.971 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	187084		
166	128.2	103.2	154.8	
129	97.9	84.5	126.7	
131	98.8	78.9	118.3	





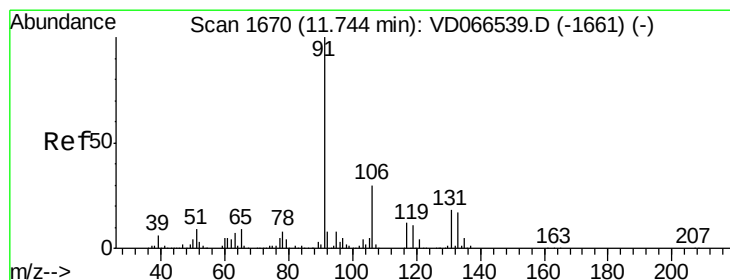
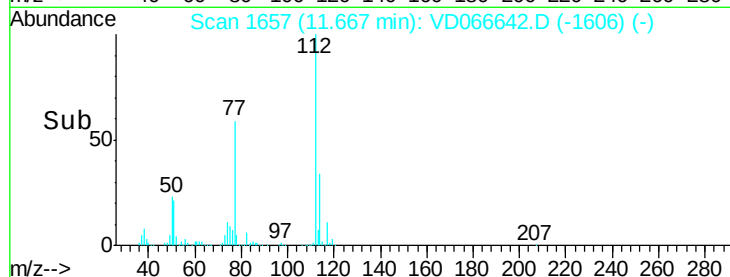
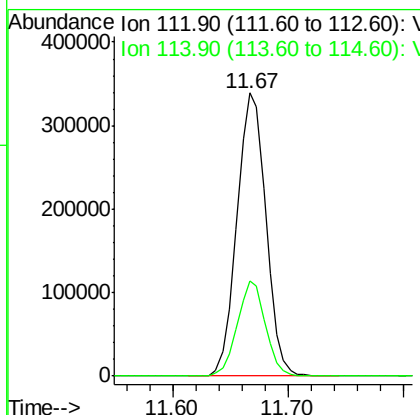
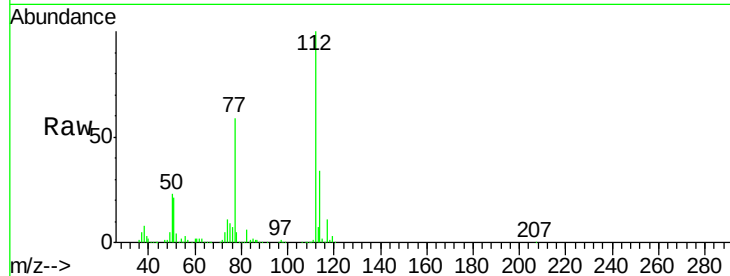
#65
Chlorobenzene
Concen: 52.342 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.6	25.7	38.5

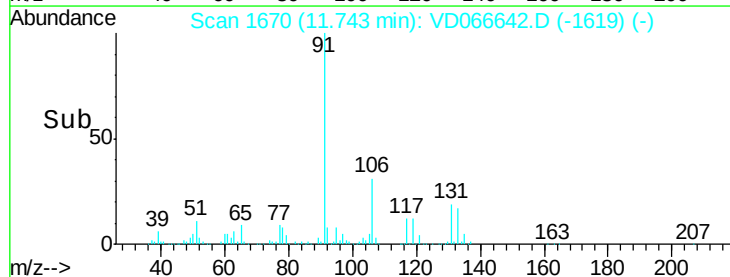
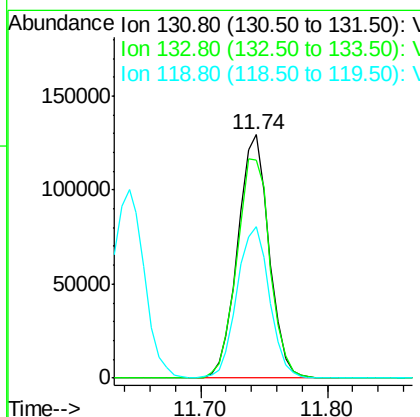
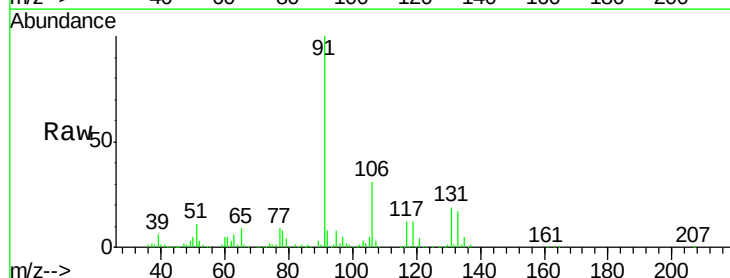
Manual Integrations
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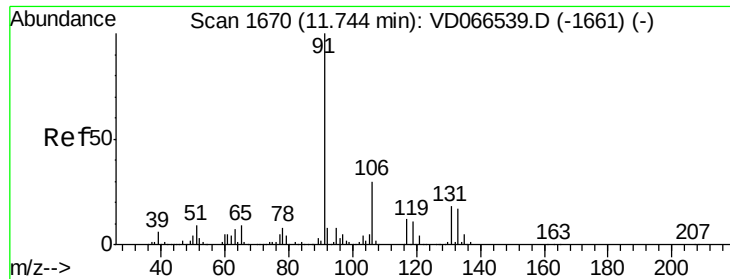
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.611 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	46.7	140.0
119	64.5	31.9	95.7





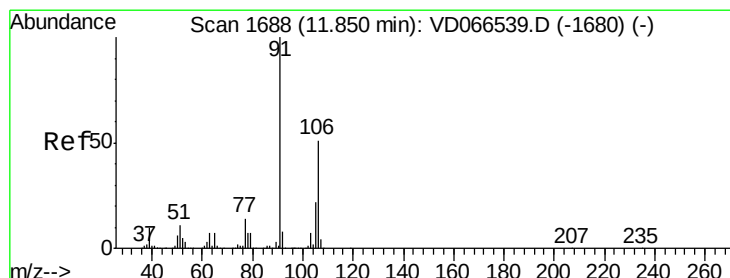
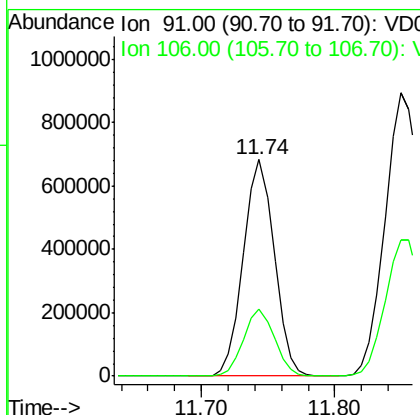
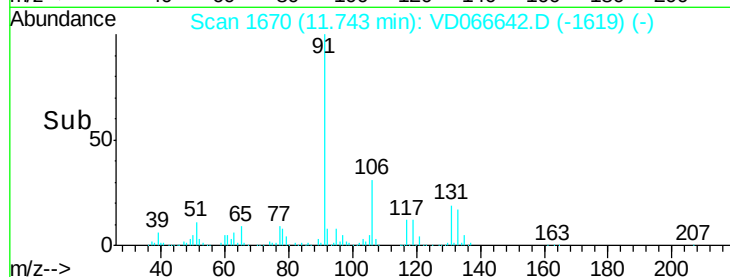
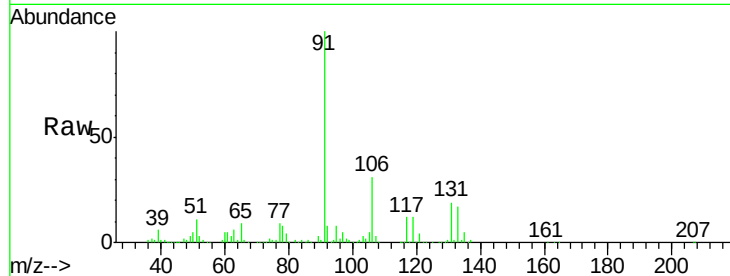
#67
Ethyl Benzene
Concen: 53.364 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1102448
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5

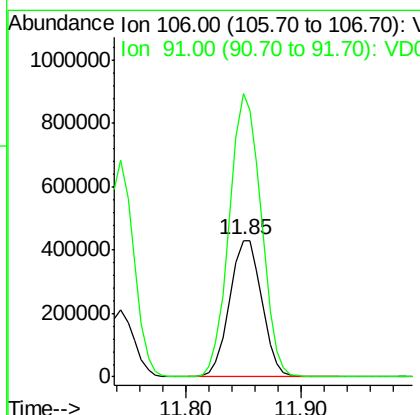
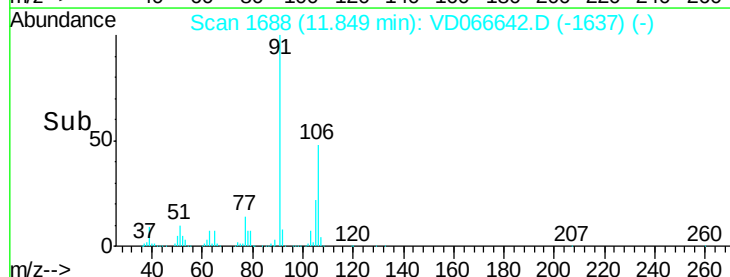
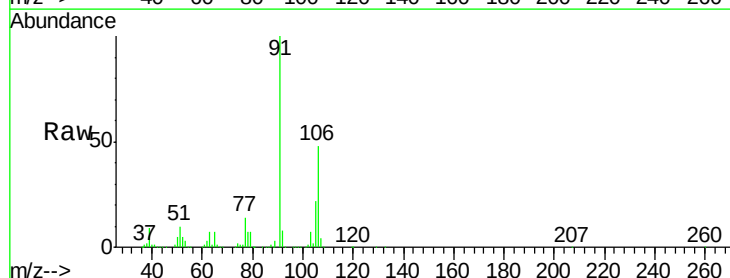
Manual Integrations
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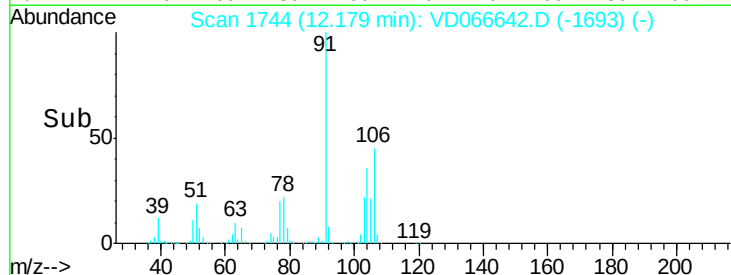
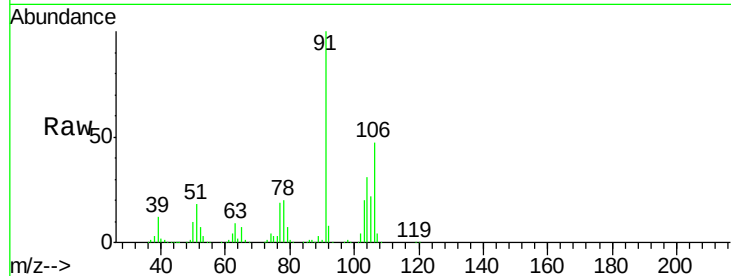
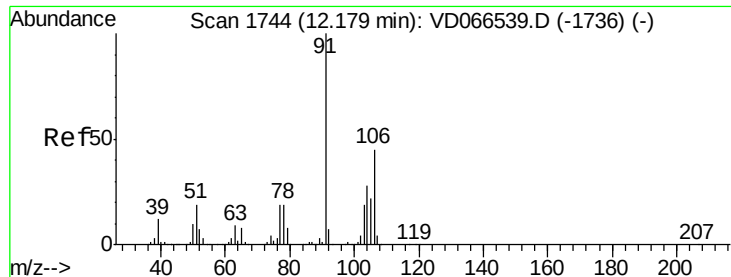
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#68
m/p-Xylenes
Concen: 108.835 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion: 106 Resp: 834858
Ion Ratio Lower Upper
106 100
91 204.2 162.4 243.6





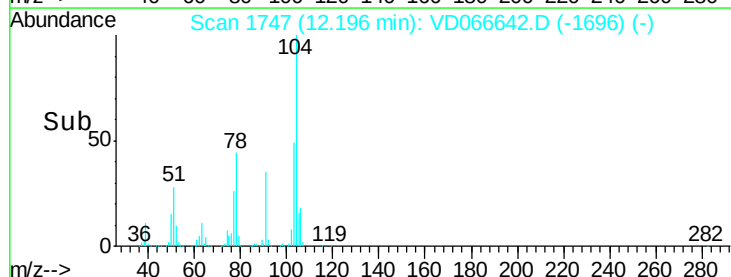
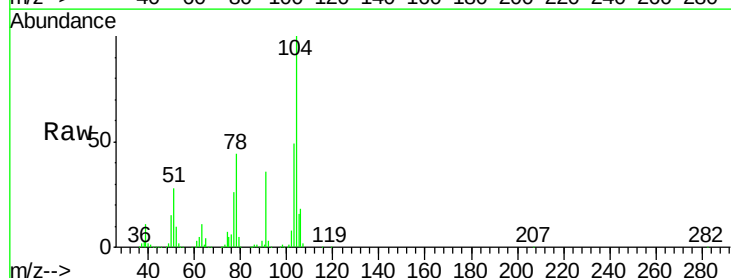
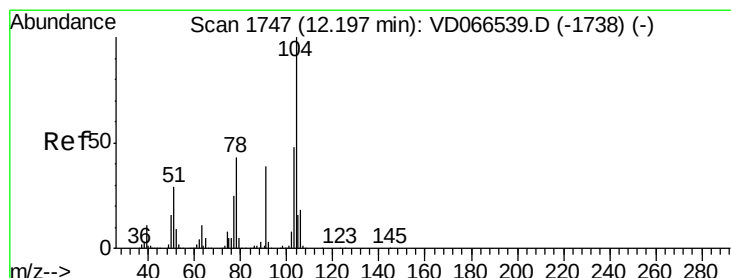
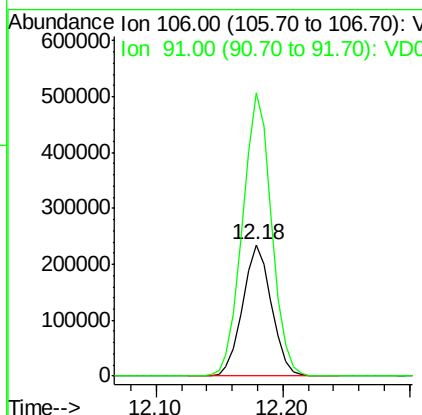
#69
o-Xylene
Concen: 53.921 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tot Ion: 106 Resp: 370681
Ion Ratio Lower Upper
106 100
91 217.2 107.9 323.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

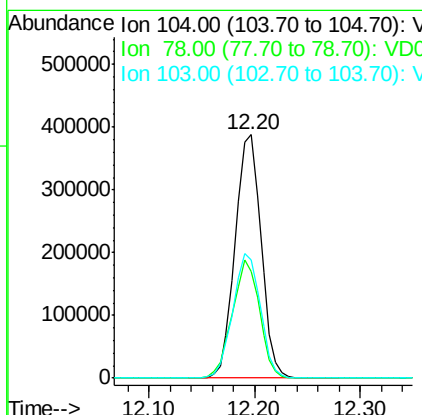
Manual Integrations
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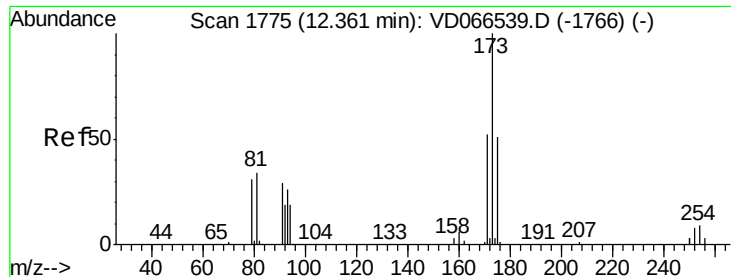
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#70
Styrene
Concen: 55.123 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion: 104 Resp: 658800
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.2 42.9 64.3





#71

Bromoform

Concen: 51.844 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

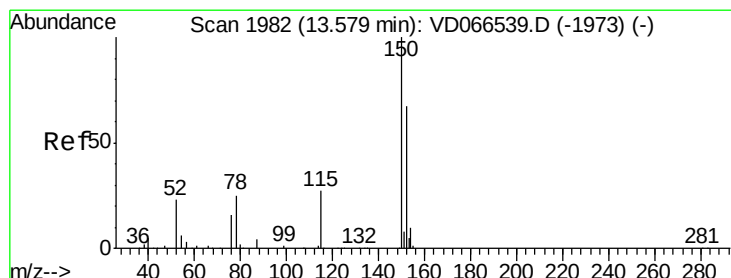
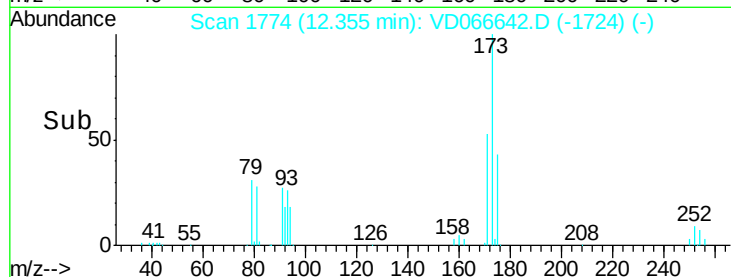
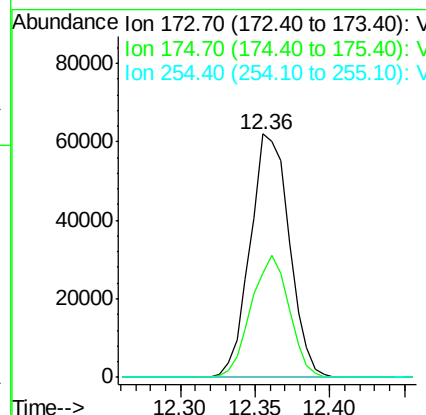
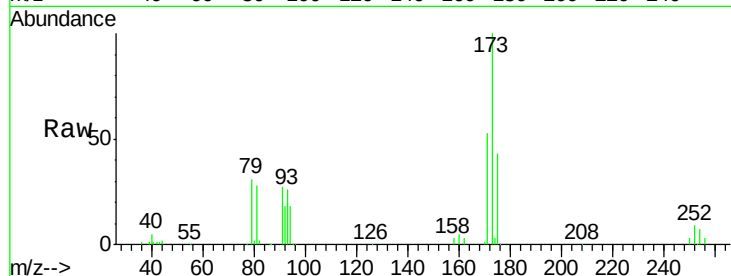
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	112194
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

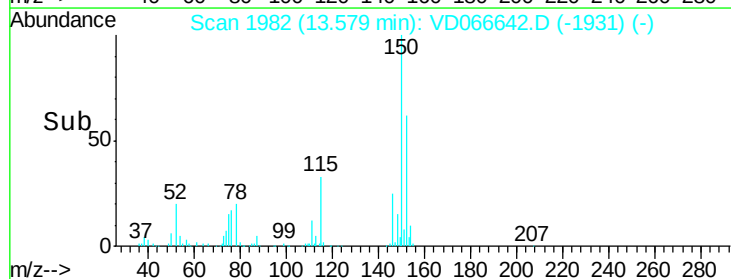
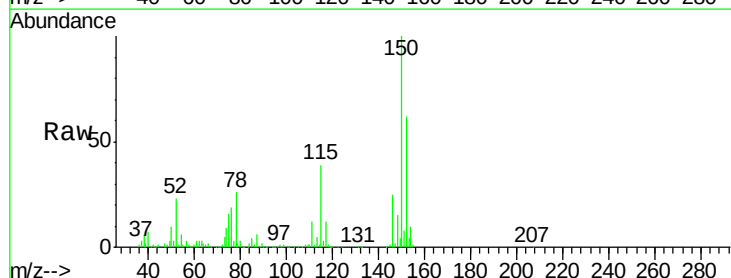
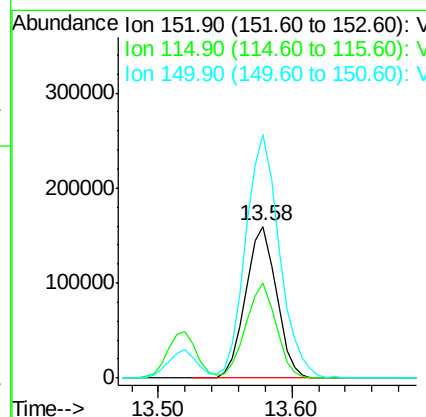
RT: 13.58 min Scan# 1982

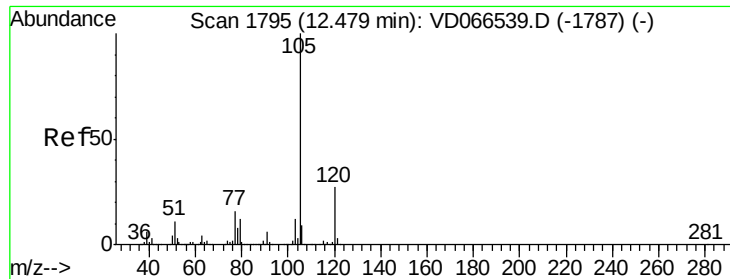
Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion:	152	Resp:	254836
Ion Ratio	Lower	Upper	
152	100		
115	61.7	30.4	91.2
150	176.1	0.0	345.8





#73

Isopropylbenzene

Concen: 56.141 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1059254

Ion Ratio Lower Upper

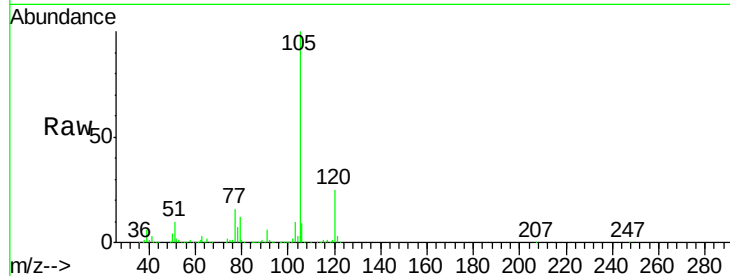
105 100

120 25.6 13.0 39.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

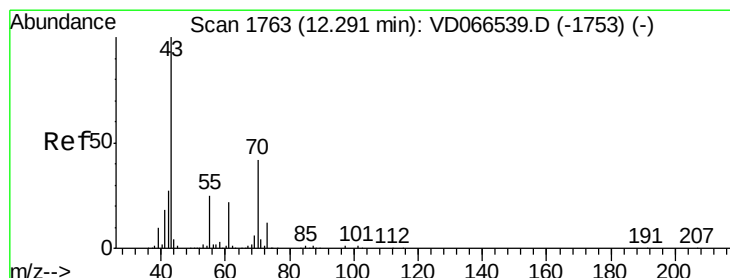
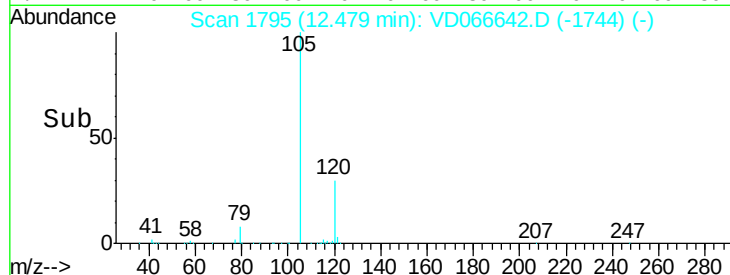
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 54.908 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion: 43 Resp: 234638

Ion Ratio Lower Upper

43 100

70 40.4 33.4 50.2

55 24.5 20.1 30.1

61 22.0 18.2 27.2

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

200000

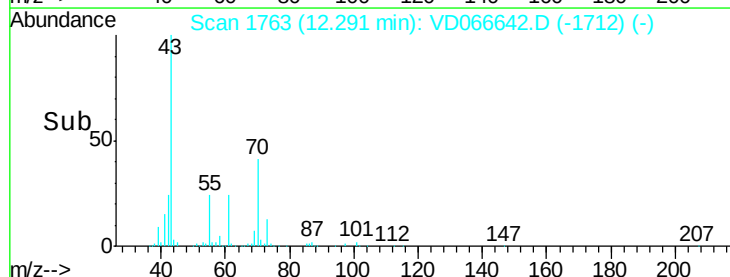
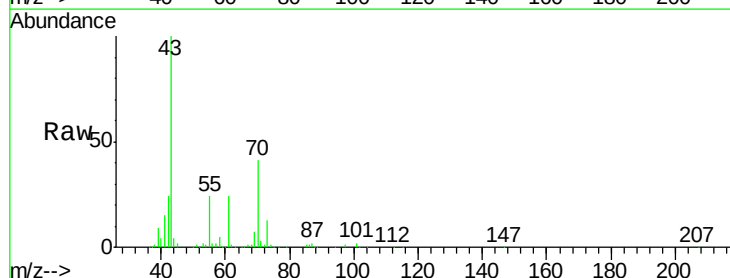
150000

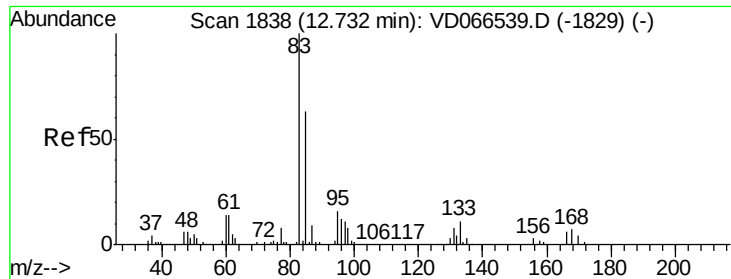
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.493 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

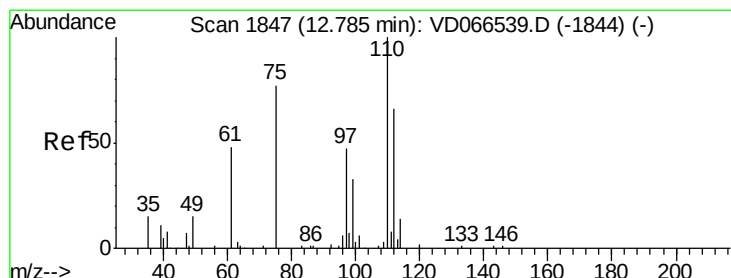
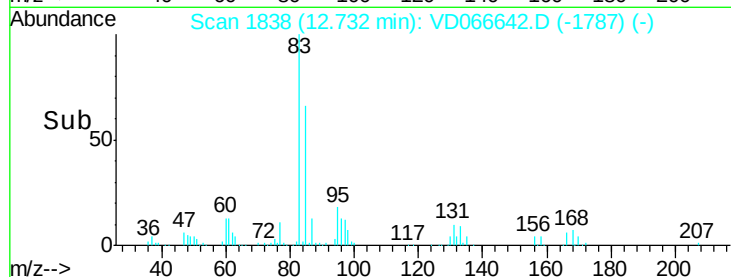
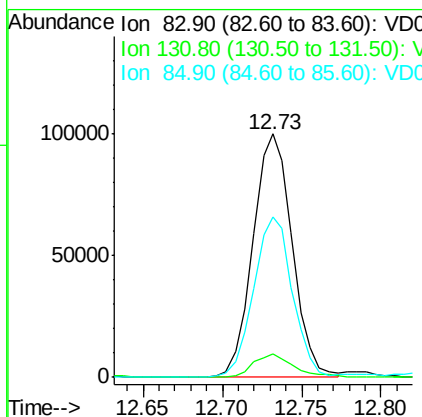
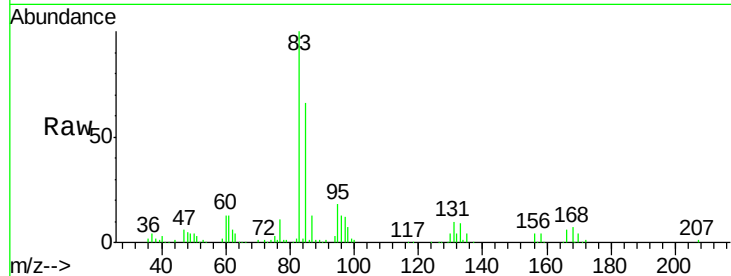
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	171641
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	65.3	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 55.616 ug/l m

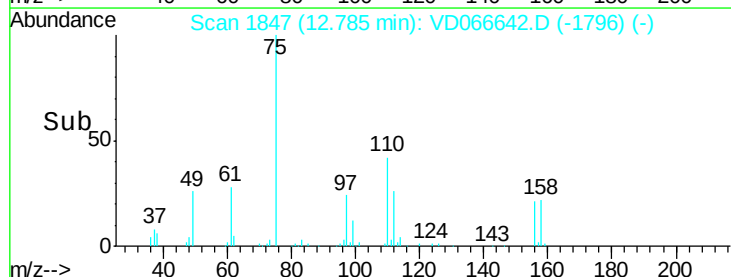
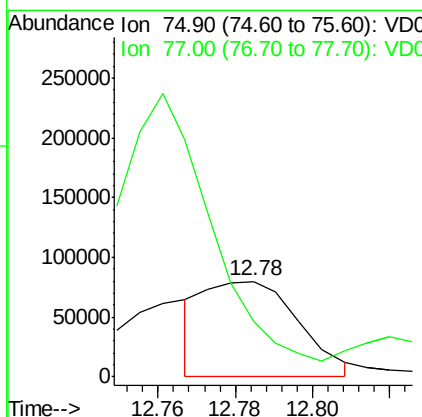
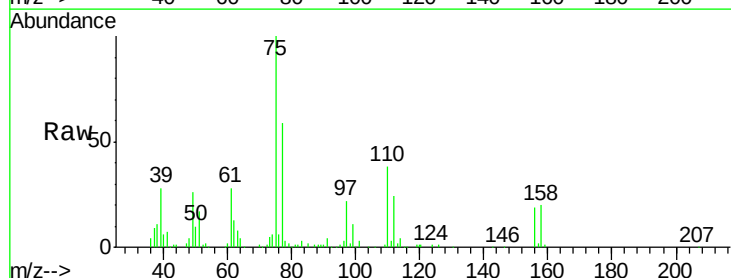
RT: 12.78 min Scan# 1847

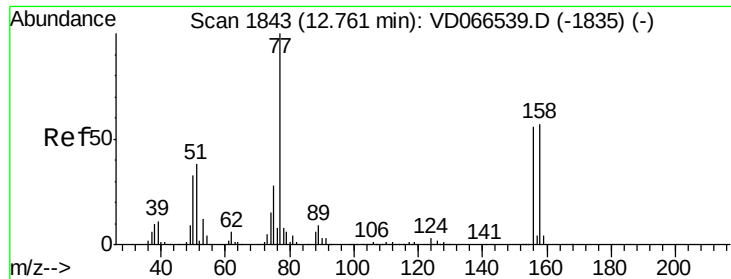
Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion:	75	Resp:	136305
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.025 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

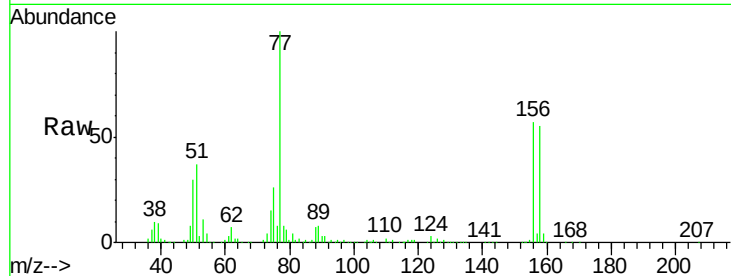
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	227252
Ion Ratio	Lower	Upper	
156	100		
77	190.3	98.0	294.1
158	96.5	48.1	144.3

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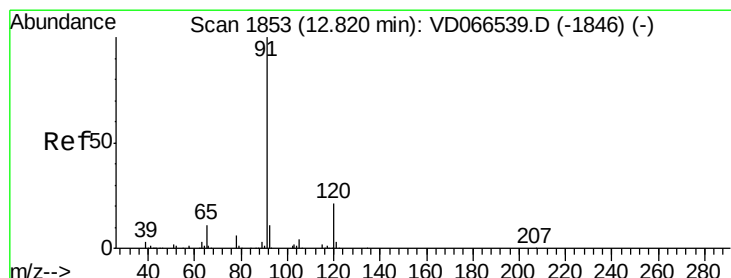
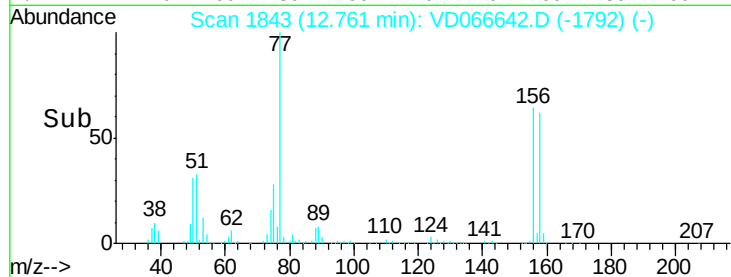
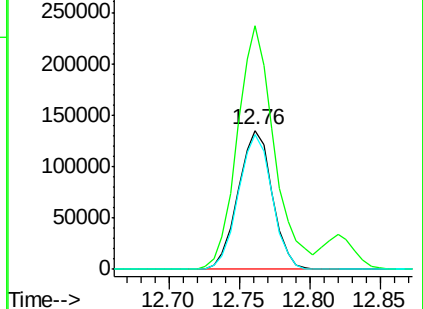
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.689 ug/l

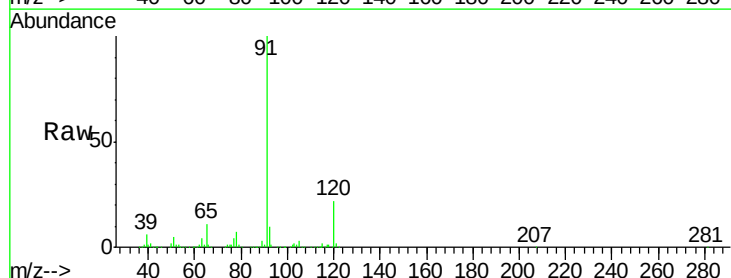
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066642.D

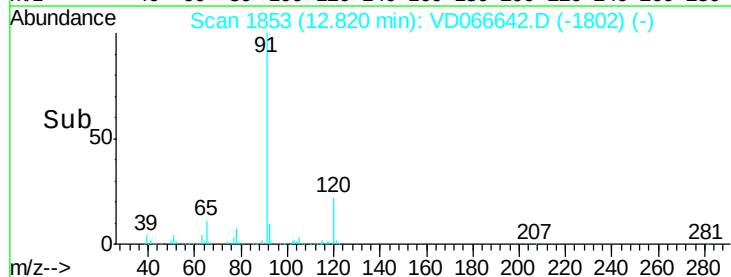
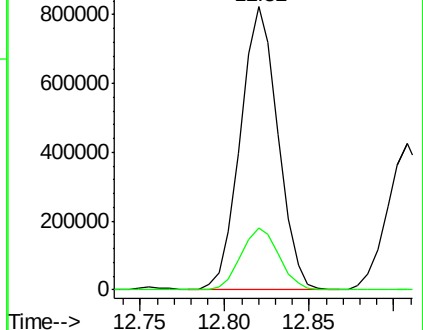
Acq: 11 Sep 2020 12:19

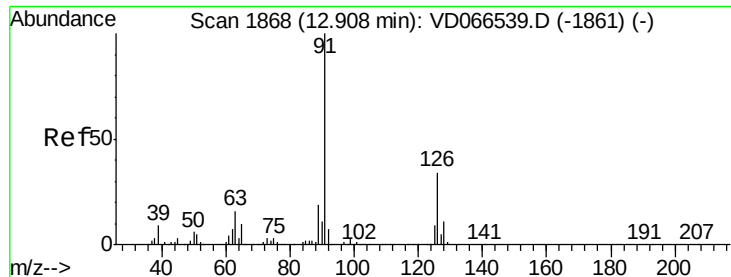
Tgt Ion:	91	Resp:	1273750
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





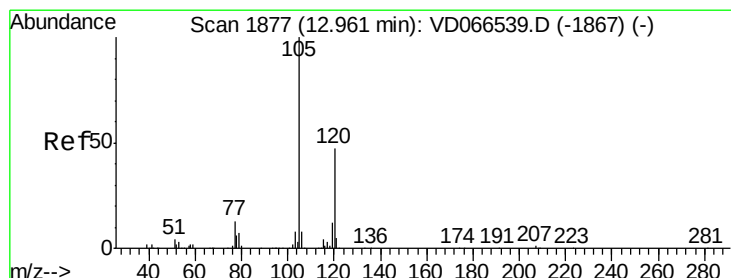
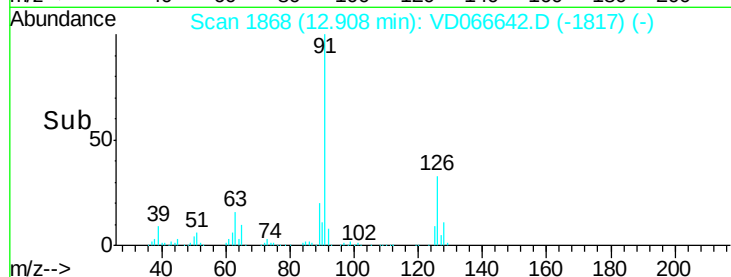
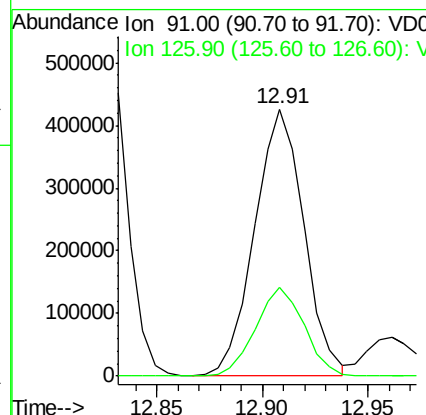
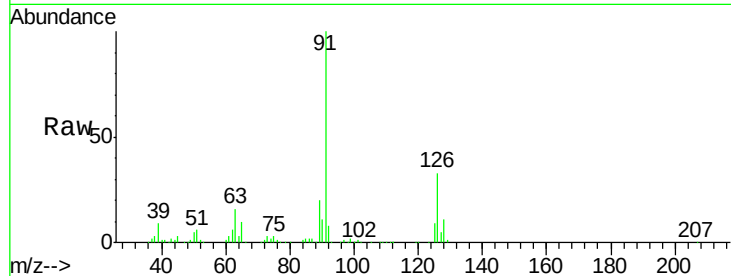
#79
2-Chlorotoluene
Concen: 53.902 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 691637
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

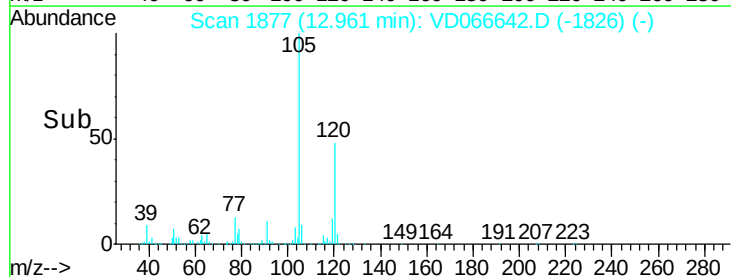
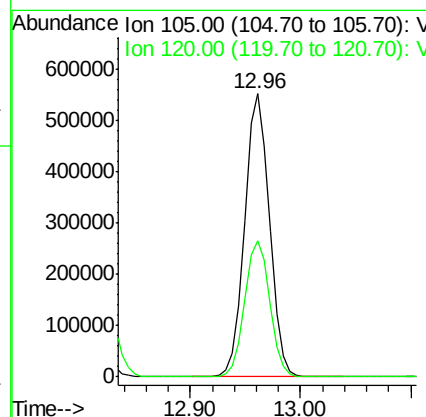
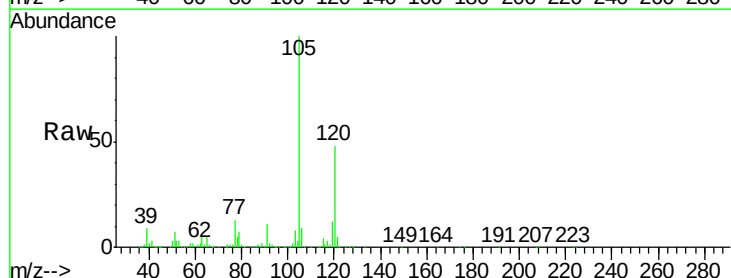
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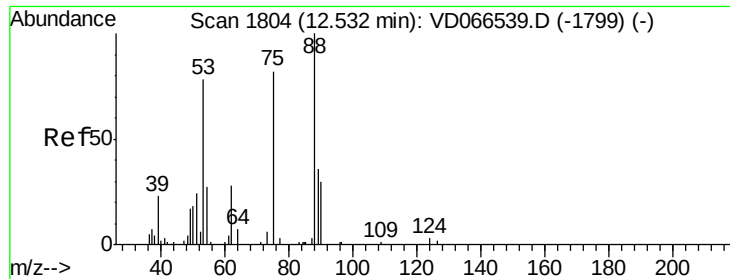
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#80
1,3,5-Trimethylbenzene
Concen: 54.753 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion: 105 Resp: 869496
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.873 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066642.D

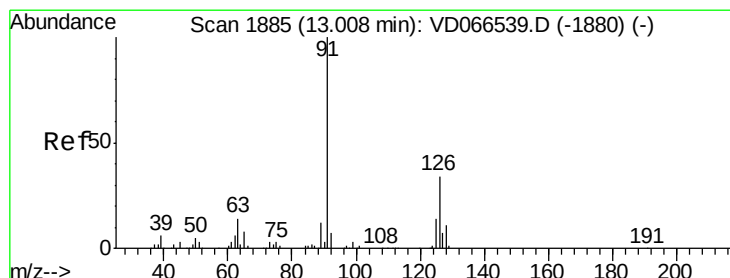
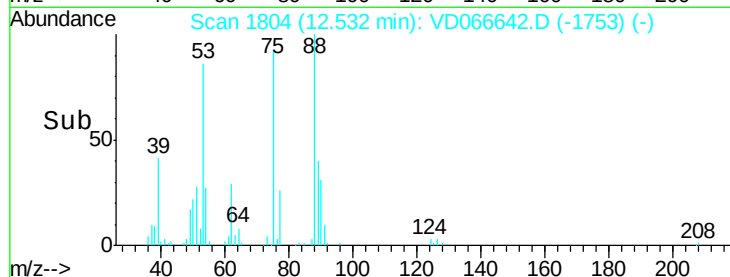
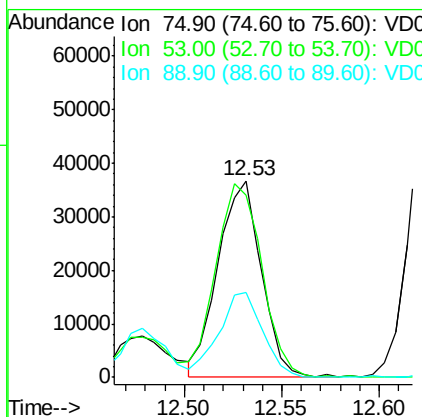
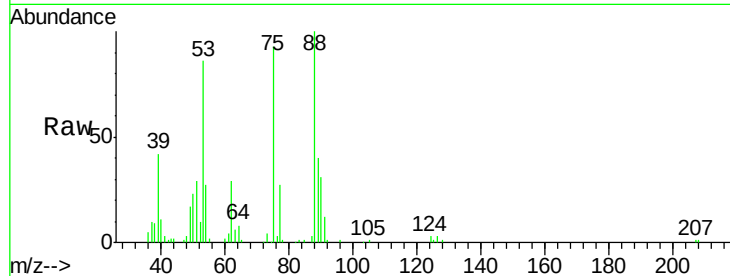
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.4	87.0	130.4
89	44.0	37.1	55.7

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#82

4-Chlorotoluene

Concen: 53.390 ug/l

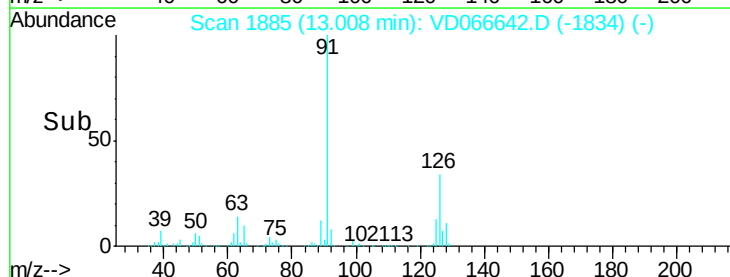
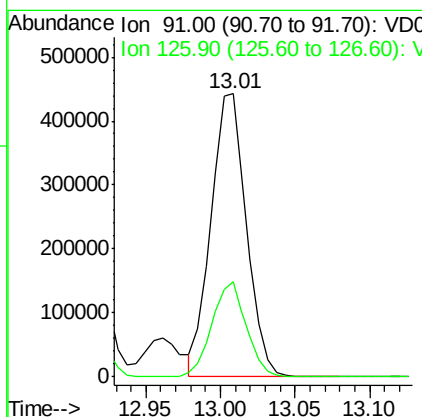
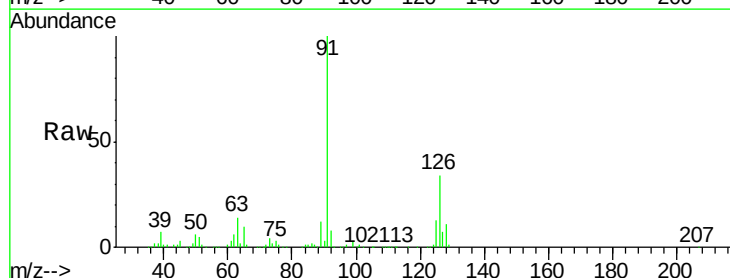
RT: 13.01 min Scan# 1885

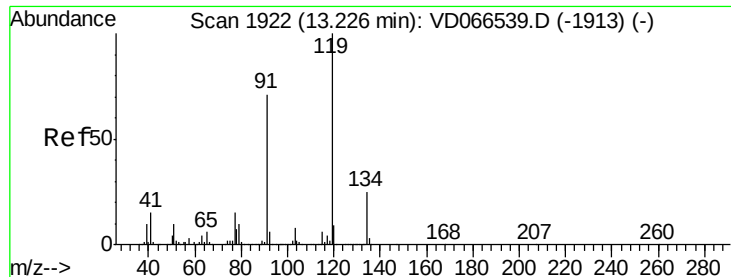
Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.1





#83

tert-Butylbenzene

Concen: 55.572 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

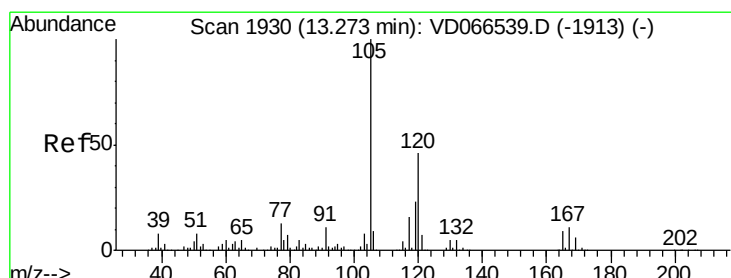
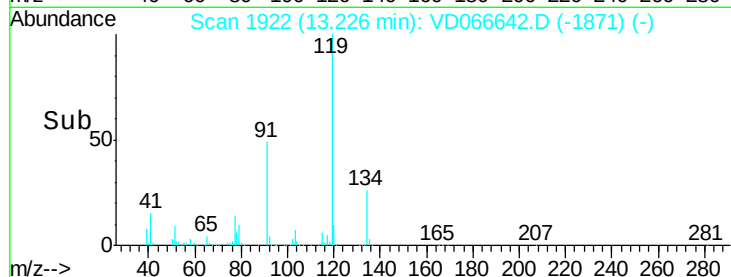
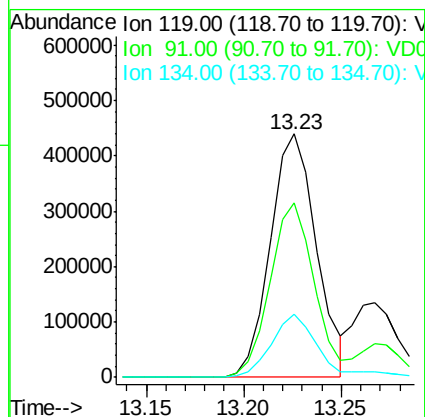
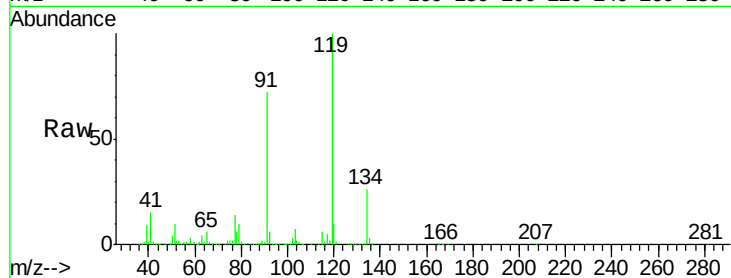
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	720661
Ion Ratio	Lower	Upper	
119	100		
91	69.8	35.2	105.6
134	26.6	13.5	40.5

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#84

1,2,4-Trimethylbenzene

Concen: 54.758 ug/l

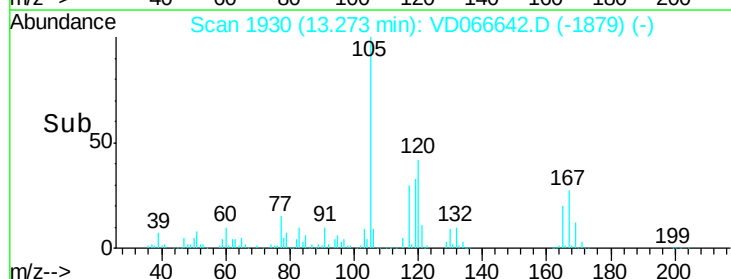
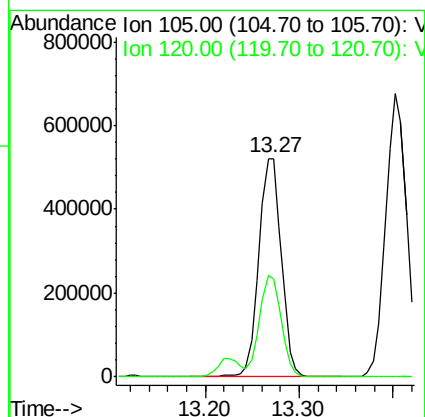
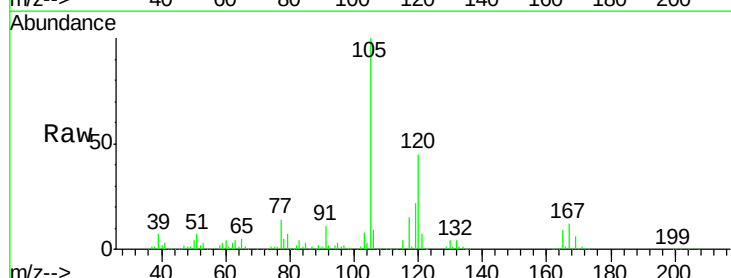
RT: 13.27 min Scan# 1930

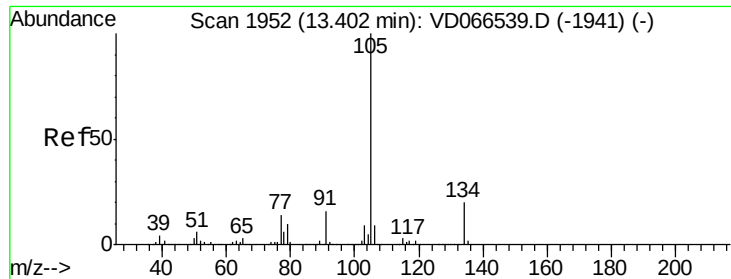
Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion:	105	Resp:	865770
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.6	67.7





#85

sec-Butylbenzene

Concen: 56.000 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1046275

Ion Ratio Lower Upper

105 100

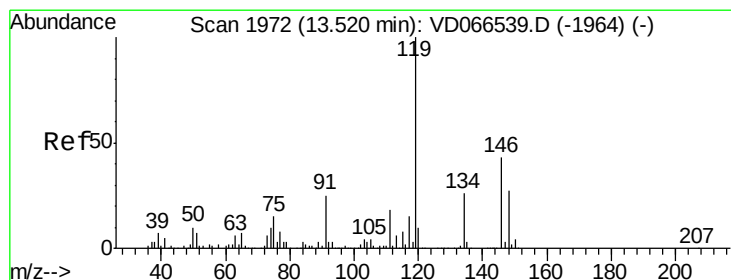
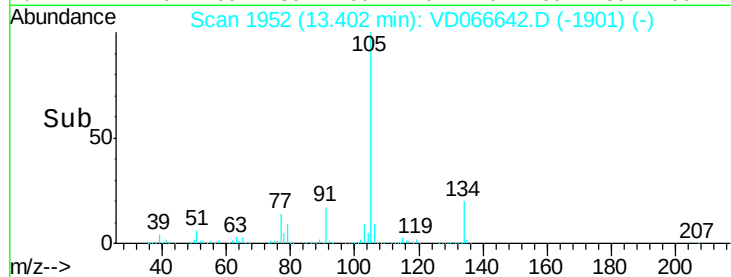
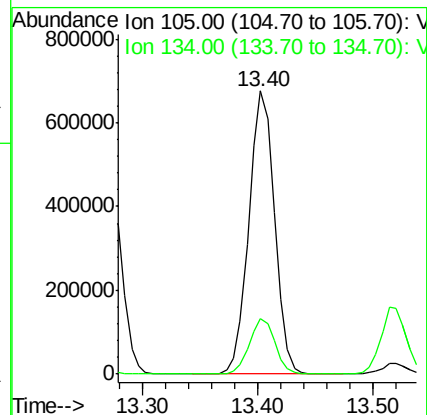
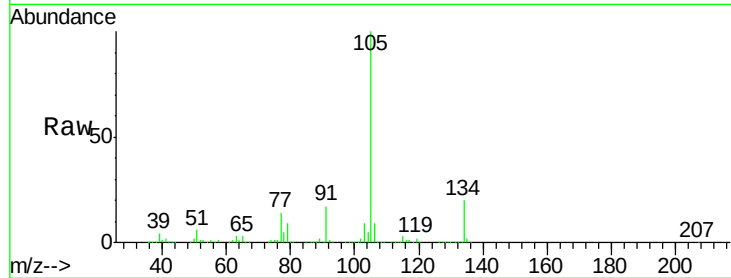
134 19.5 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 56.649 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

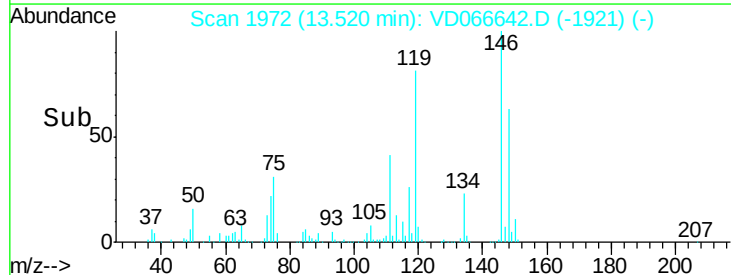
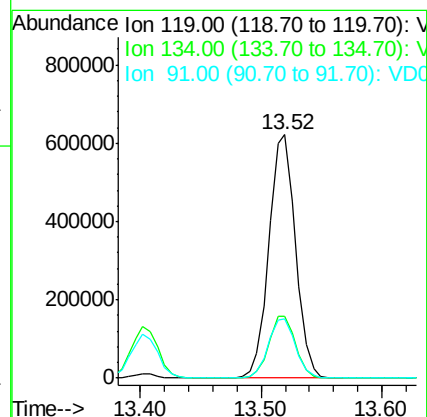
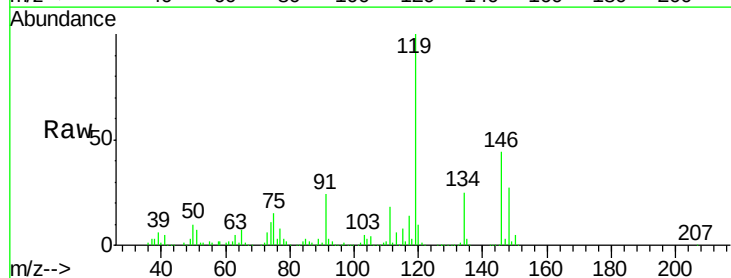
Tgt Ion:119 Resp: 952637

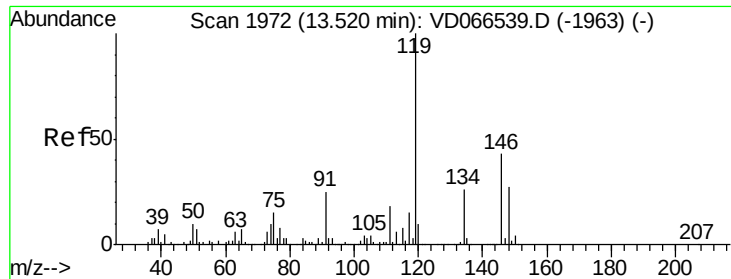
Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.0

91 24.7 12.5 37.5





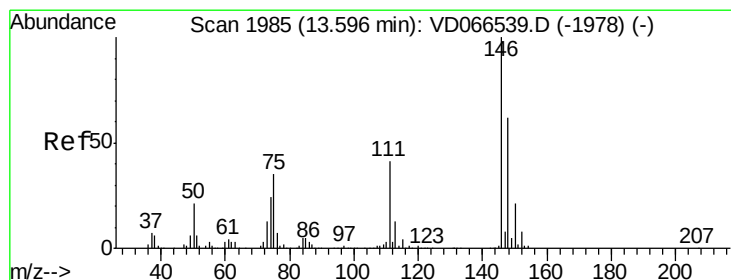
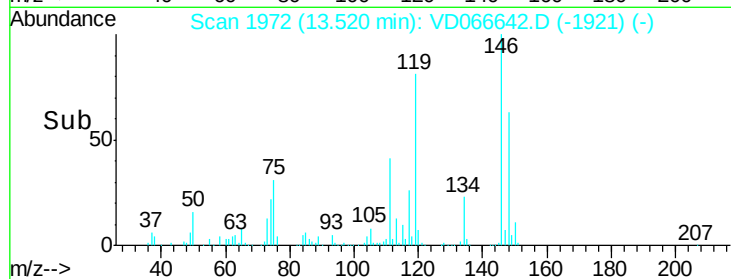
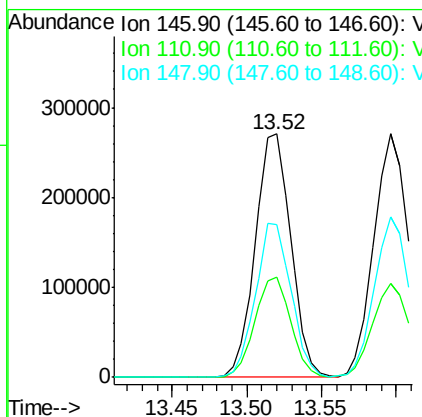
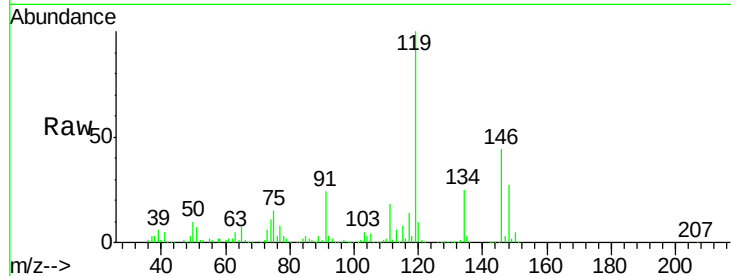
#87
 1,3-Dichlorobenzene
 Concen: 53.517 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	446915		
111	41.3	20.6	61.9	
148	62.9	32.1	96.3	

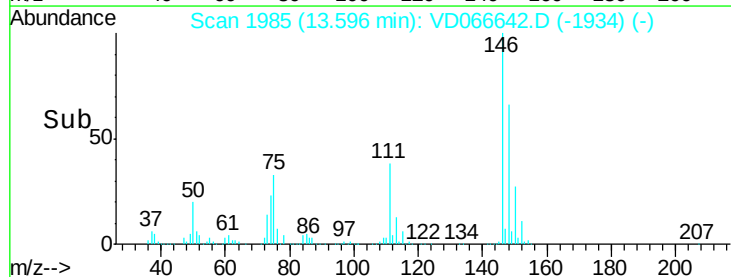
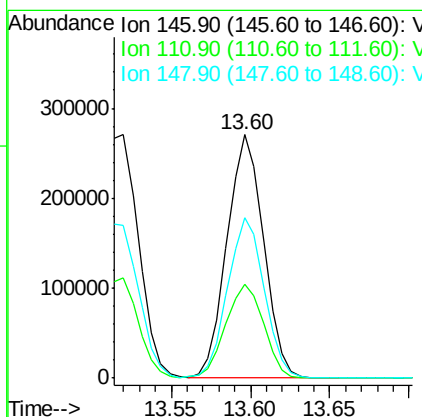
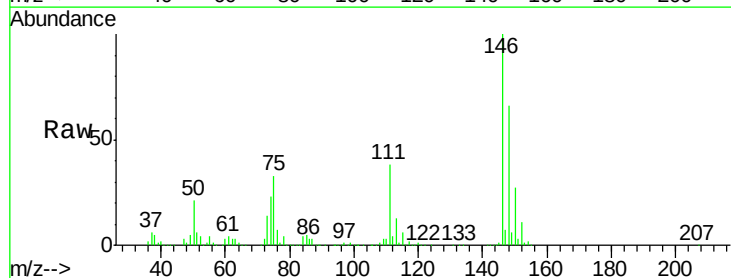
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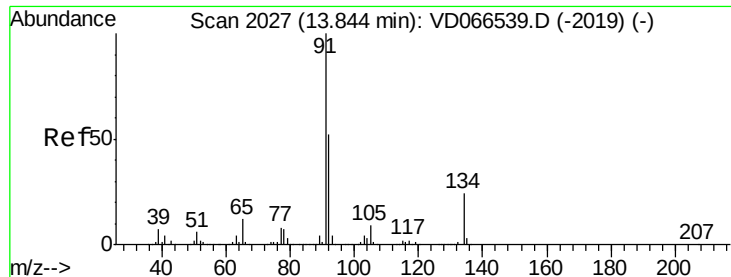
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#88
 1,4-Dichlorobenzene
 Concen: 51.704 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	433369		
111	40.2	20.1	60.2	
148	66.1	31.6	94.8	





#89

n-Butylbenzene

Concen: 55.817 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

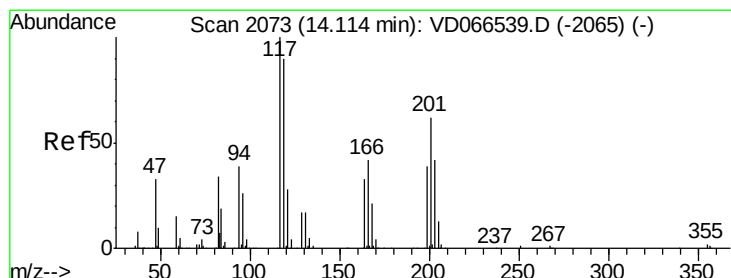
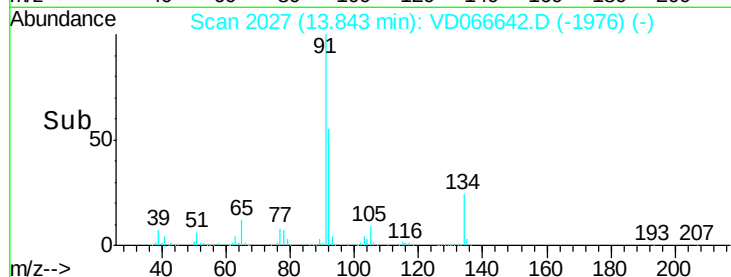
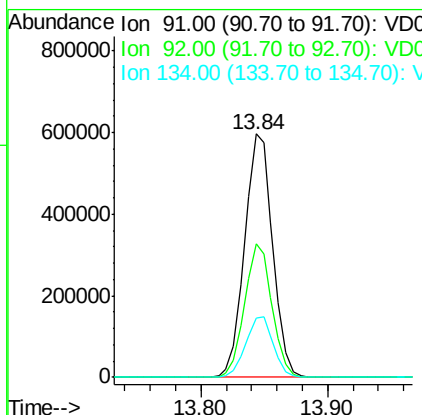
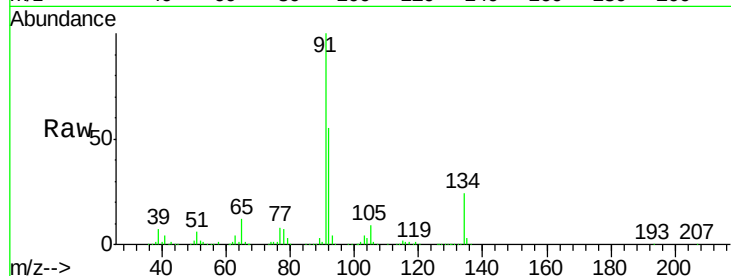
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	914691
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.5	79.5
134	24.6	12.1	36.3

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#90

Hexachloroethane

Concen: 51.990 ug/l

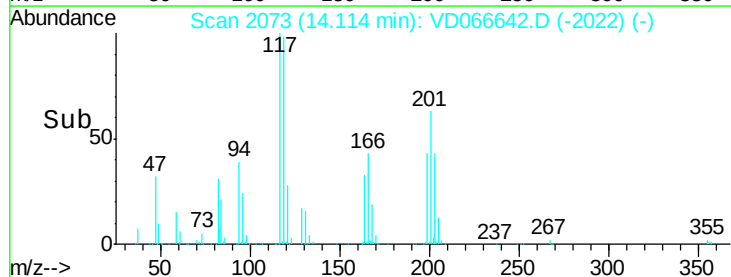
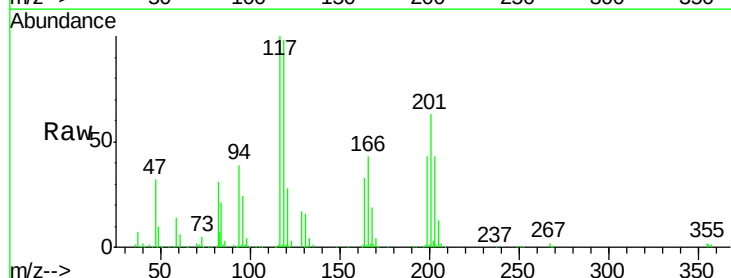
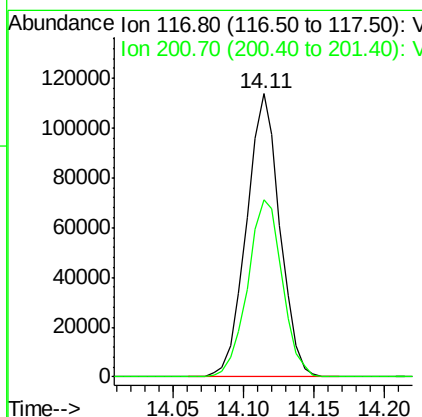
RT: 14.11 min Scan# 2073

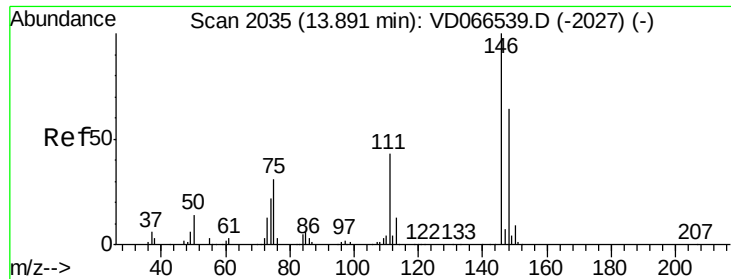
Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion:	117	Resp:	188382
Ion	Ratio	Lower	Upper
117	100		
201	65.2	31.9	95.5





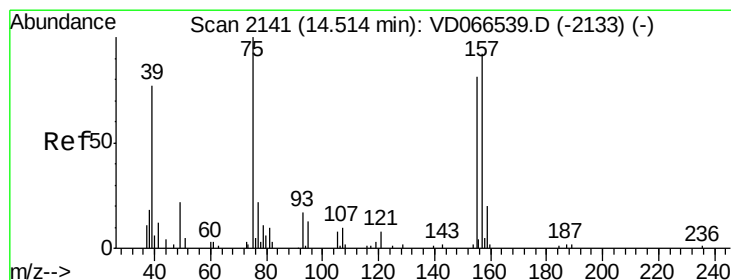
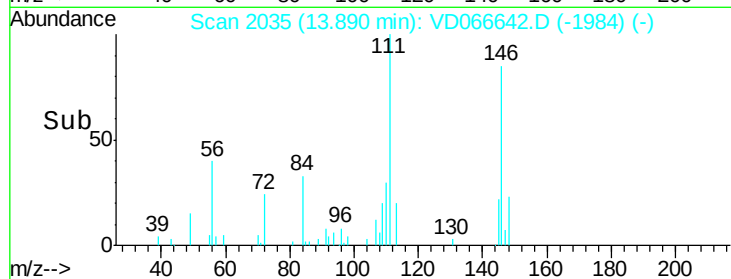
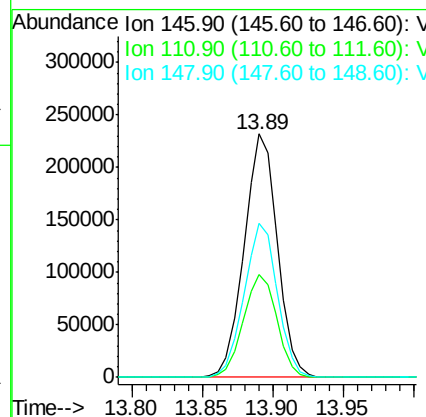
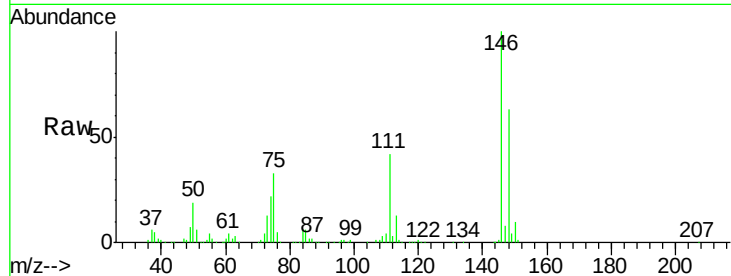
#91
 1,2-Dichlorobenzene
 Concen: 52.320 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.4
148	63.5	31.8	95.3

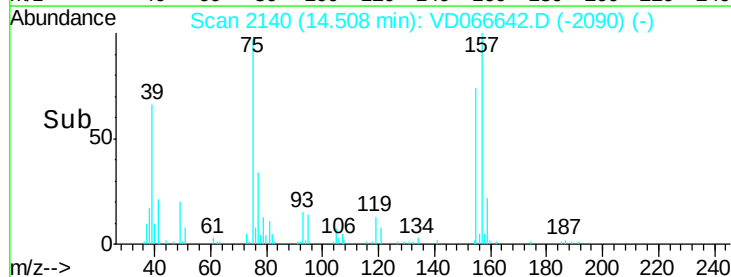
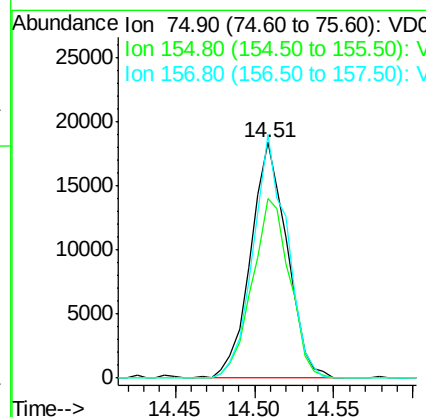
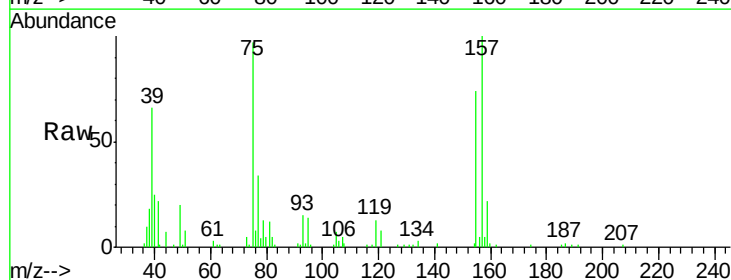
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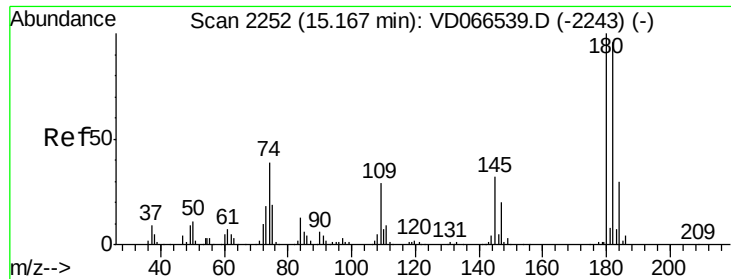
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.841 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	39.3	117.8
157	96.9	46.0	137.8





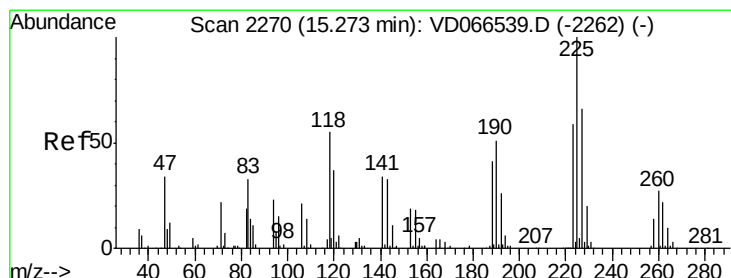
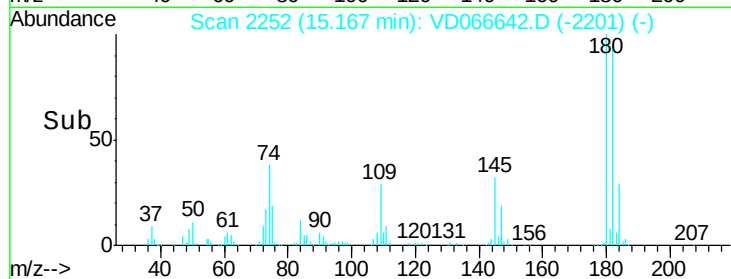
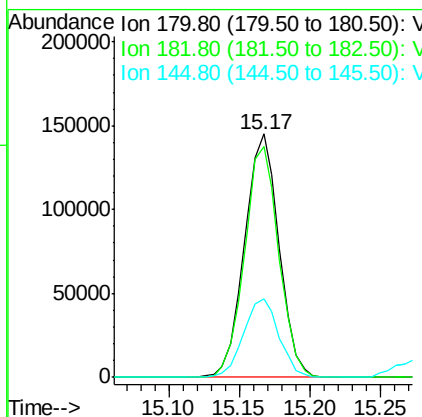
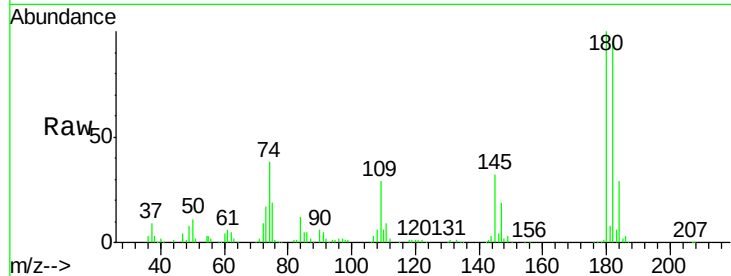
#93
 1,2,4-Trichlorobenzene
 Concen: 56.560 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	247768		
182	94.5	48.4	145.0	
145	32.9	16.7	50.0	

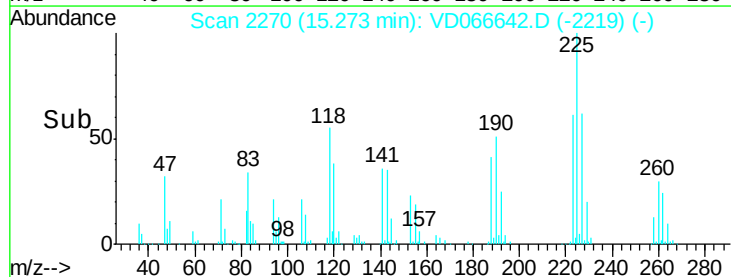
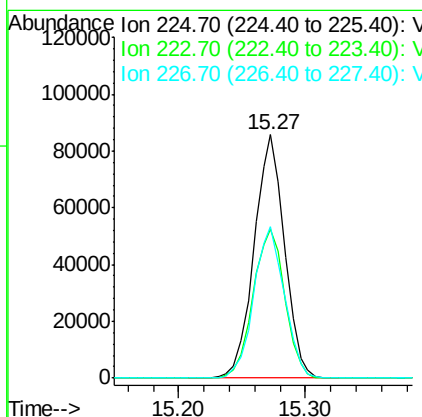
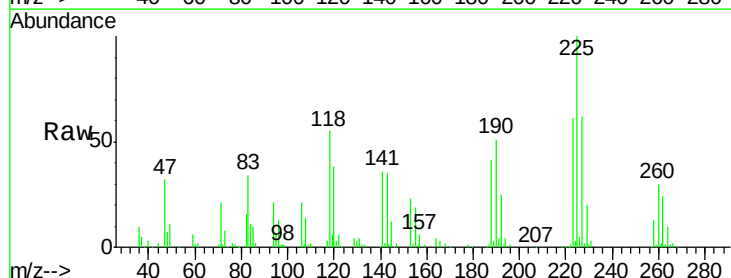
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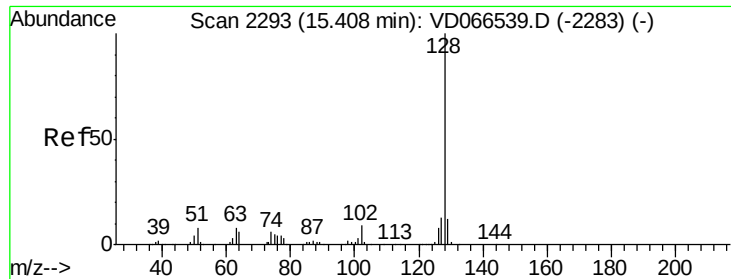
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#94
 Hexachlorobutadiene
 Concen: 54.279 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	142848		
223	64.0	30.5	91.5	
227	62.8	32.4	97.2	





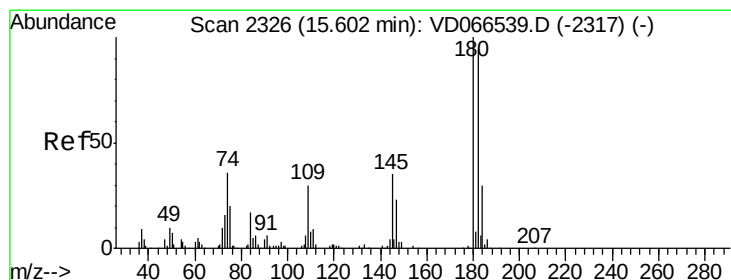
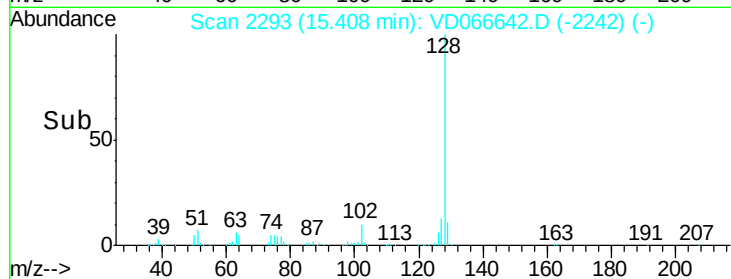
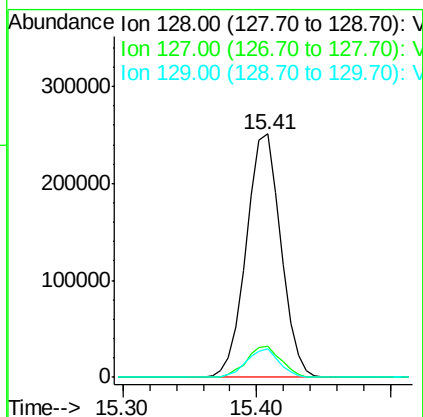
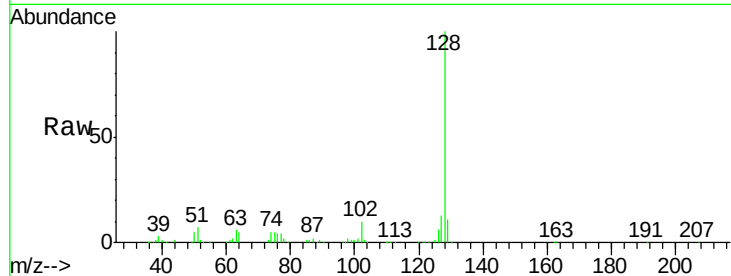
#95
Naphthalene
Concen: 58.597 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	448554		
127	12.8	10.7	16.1	
129	11.2	9.1	13.7	

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:06:42 PM



#96
1,2,3-Trichlorobenzene
Concen: 56.429 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	210749		
182	93.6	47.9	143.6	
145	34.6	17.3	51.7	

