

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066679.D
 Acq On : 14 Sep 2020 18:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:27:57 PM

Quant Time: Sep 15 04:06:20 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	392502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	637195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	574117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271300	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	248379	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
35) Dibromofluoromethane	7.91	113	226924	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	10.34	98	811146	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.63	95	280440	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	172778	53.591	ug/l	88
3) Chloromethane	2.21	50	237291	47.805	ug/l	98
4) Vinyl Chloride	2.35	62	269286	48.913	ug/l	99
5) Bromomethane	2.77	94	187204	54.165	ug/l	82
6) Chloroethane	2.92	64	173181	49.525	ug/l	96
7) Trichlorofluoromethane	3.27	101	411098	50.547	ug/l	94
8) Diethyl Ether	3.71	74	106021	51.768	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	225032	51.125	ug/l	98
10) Methyl Iodide	4.30	142	214056	53.048	ug/l	99
11) Tert butyl alcohol	5.22	59	80331	274.981	ug/l	98
12) 1,1-Dichloroethene	4.07	96	203426	51.442	ug/l	95
13) Acrolein	3.92	56	46438	239.155	ug/l	98
14) Allyl chloride	4.71	41	349255	53.890	ug/l	98
15) Acrylonitrile	5.42	53	241000	273.936	ug/l	100
16) Acetone	4.16	43	217605	249.038	ug/l	95
17) Carbon Disulfide	4.41	76	622648	47.896	ug/l	98
18) Methyl Acetate	4.72	43	113282	54.386	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	533233	57.501	ug/l	97
20) Methylene Chloride	4.97	84	276975	59.410	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	245734	52.329	ug/l	98
22) Diisopropyl ether	6.36	45	736323	55.248	ug/l	97
23) Vinyl Acetate	6.30	43	2149344	283.395	ug/l	98
24) 1,1-Dichloroethane	6.27	63	446008	53.216	ug/l	99
25) 2-Butanone	7.21	43	315577	269.044	ug/l	95
26) 2,2-Dichloropropane	7.20	77	409742	53.298	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	275358	54.528	ug/l	99
28) Bromochloromethane	7.54	49	169106	52.409	ug/l	98
29) Tetrahydrofuran	7.56	42	202257	276.872	ug/l	99
30) Chloroform	7.71	83	475950	53.679	ug/l	97
31) Cyclohexane	7.98	56	377202	48.688	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	441152	52.919	ug/l	99
36) 1,1-Dichloropropene	8.11	75	358329	54.036	ug/l	99
37) Ethyl Acetate	7.28	43	148358	56.184	ug/l	96
38) Carbon Tetrachloride	8.09	117	391381	55.838	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	406597	54.910	ug/l	99
40) Benzene	8.34	78	961621	52.948	ug/l	99
41) Methacrylonitrile	7.51	41	53182m	41.608	ug/l	
42) 1,2-Dichloroethane	8.42	62	316621	53.806	ug/l	99
43) Isopropyl Acetate	8.45	43	291189	57.544	ug/l	99
44) Trichloroethene	9.11	130	258126	54.183	ug/l	94
45) 1,2-Dichloropropane	9.38	63	246190	53.903	ug/l	95
46) Dibromomethane	9.47	93	135238	53.670	ug/l	97
47) Bromodichloromethane	9.66	83	377305	55.344	ug/l	97
48) Methyl methacrylate	9.45	41	143327	56.014	ug/l	97
49) 1,4-Dioxane	9.46	88	29713	1074.826	ug/l #	96
51) 4-Methyl-2-Pentanone	10.23	43	737283	288.897	ug/l	97
52) Toluene	10.40	92	621125	54.028	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	341296	56.710	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	400749	55.450	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	179146	55.294	ug/l	98
56) Ethyl methacrylate	10.66	69	217790	57.734	ug/l #	93
57) 1,3-Dichloropropane	10.94	76	308545	54.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	449141	260.306	ug/l	97
59) 2-Hexanone	10.98	43	494943	288.393	ug/l	99
60) Dibromochloromethane	11.14	129	240277	56.083	ug/l	98
61) 1,2-Dibromoethane	11.24	107	172633	54.769	ug/l	98
64) Tetrachloroethene	10.87	164	205909	53.268	ug/l	95
65) Chlorobenzene	11.67	112	638703	53.902	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	249470	55.164	ug/l	98
67) Ethyl Benzene	11.74	91	1204706	55.370	ug/l	98
68) m/p-Xylenes	11.85	106	902919	111.765	ug/l	96
69) o-Xylene	12.18	106	409349	56.539	ug/l	98
70) Styrene	12.20	104	717897	57.035	ug/l	97
71) Bromoform	12.36	173	127658	56.012	ug/l #	99
73) Isopropylbenzene	12.48	105	1163507	57.924	ug/l	100
74) N-amyl acetate	12.29	43	261973	57.584	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	192644	54.286	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	130089m	49.858	ug/l	
77) Bromobenzene	12.76	156	252299	56.339	ug/l	100
78) n-propylbenzene	12.82	91	1394067	57.251	ug/l	100
79) 2-Chlorotoluene	12.91	91	785066	57.470	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	984871	58.254	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	62378	55.815	ug/l	100
82) 4-Chlorotoluene	13.01	91	820143	56.143	ug/l	100
83) tert-Butylbenzene	13.23	119	821960	59.537	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	982035	58.342	ug/l	97
85) sec-Butylbenzene	13.40	105	1168187	58.730	ug/l	99
86) p-Isopropyltoluene	13.52	119	1064135	59.439	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	497185	55.924	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	486590	54.530	ug/l	99
89) n-Butylbenzene	13.85	91	1002930	57.487	ug/l	100
90) Hexachloroethane	14.11	117	208141	53.957	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	424452	54.621	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	32935	54.635	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	270344	57.968	ug/l	98
94) Hexachlorobutadiene	15.27	225	157758	56.306	ug/l	98
95) Naphthalene	15.41	128	508899	62.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	235220	59.159	ug/l	100

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

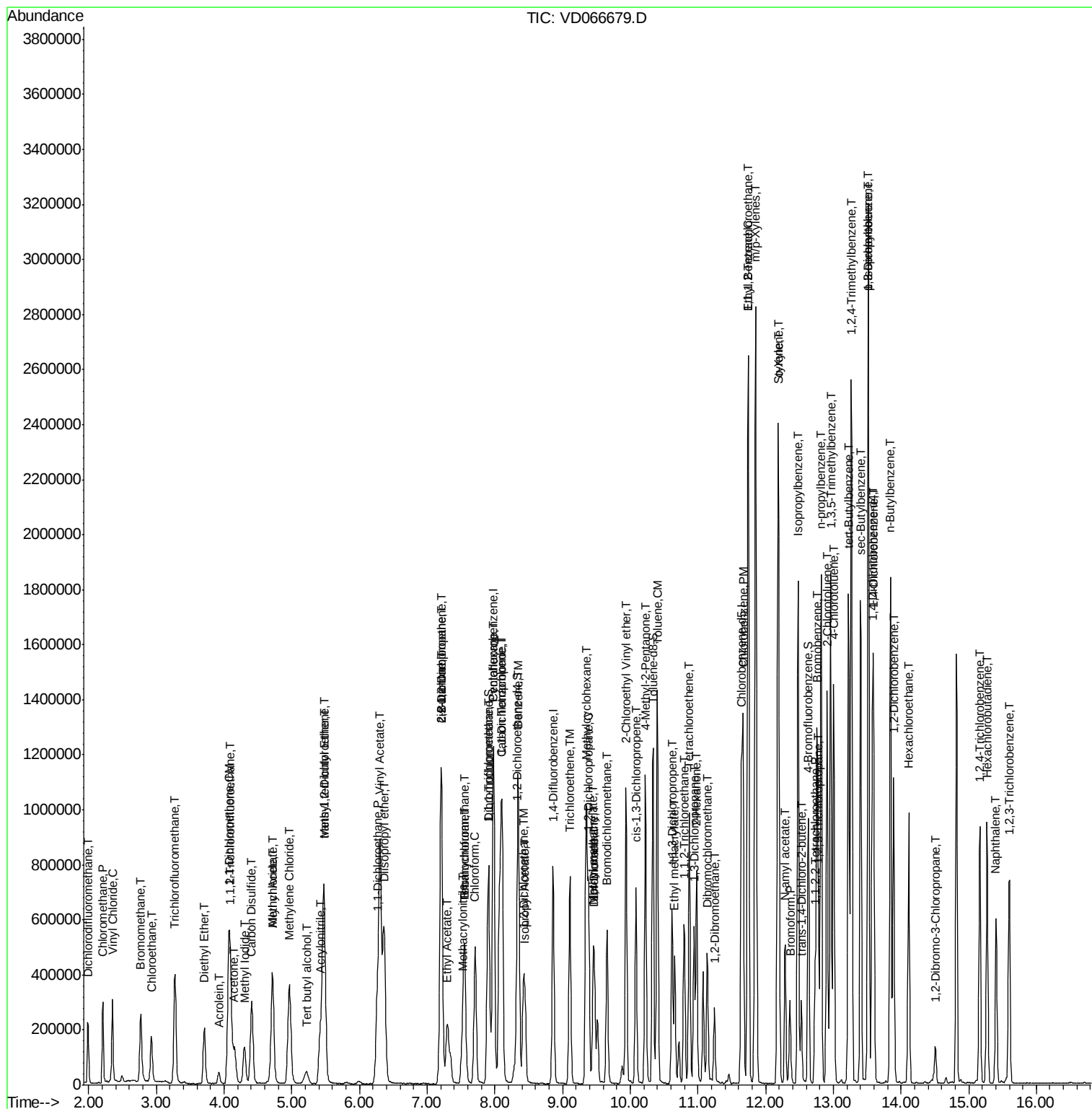
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091420\
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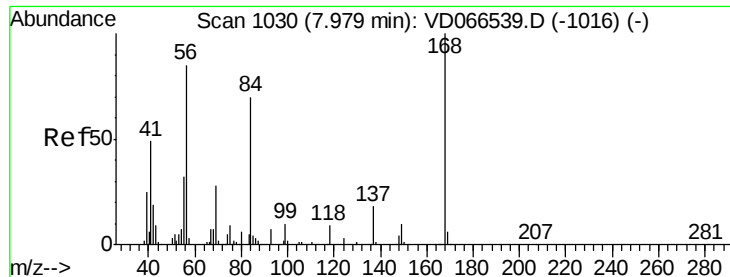
Instrument :
MSVOA_D
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 392502

Ion Ratio Lower Upper

168 100

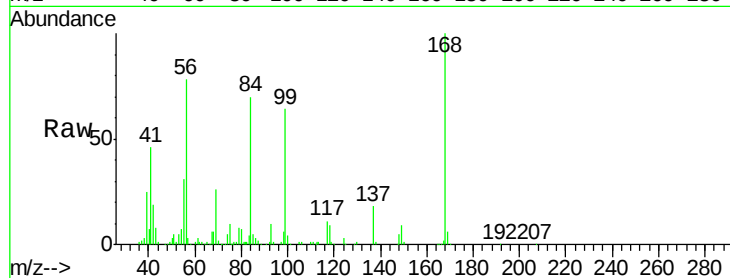
99 63.8 50.5 75.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

200000

150000

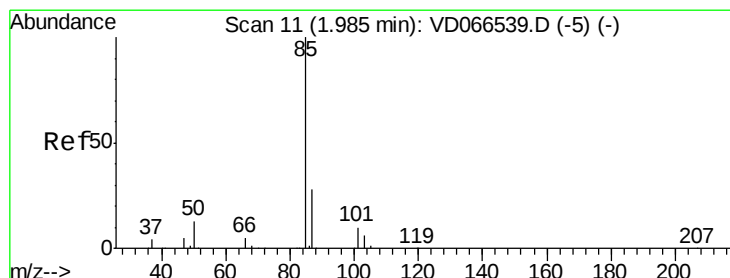
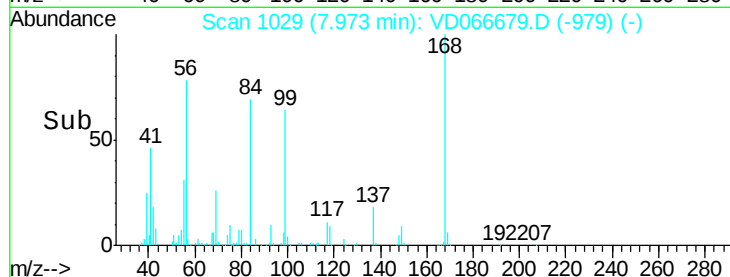
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 53.591 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066679.D

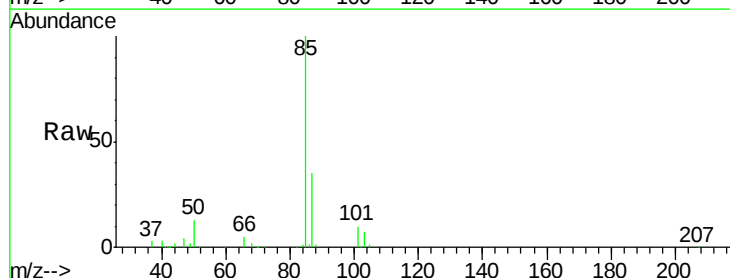
Acq: 14 Sep 2020 18:48

Tgt Ion: 85 Resp: 172778

Ion Ratio Lower Upper

85 100

87 34.8 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

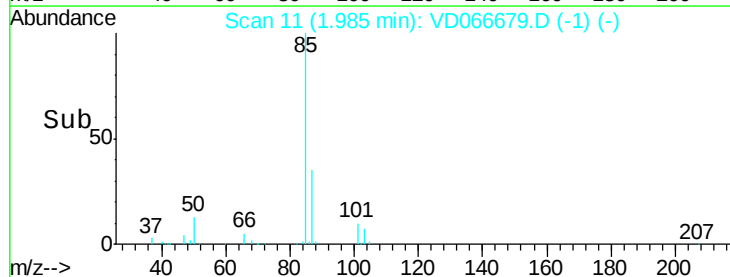
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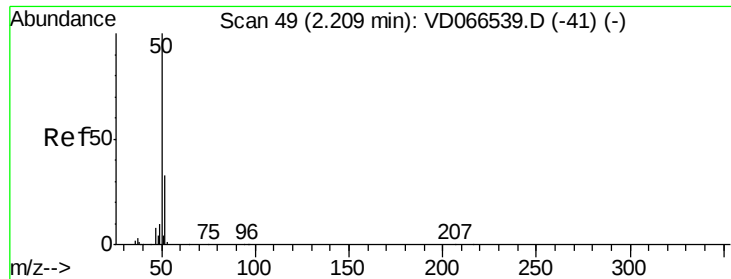
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 47.805 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 237291

Ion Ratio Lower Upper

50 100

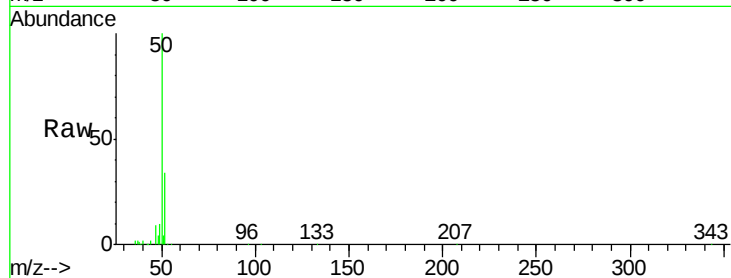
52 33.9 26.2 39.2

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

200000

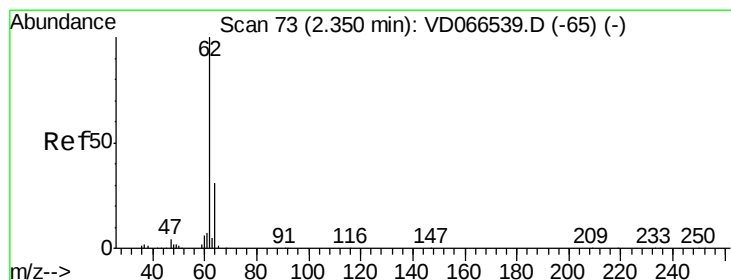
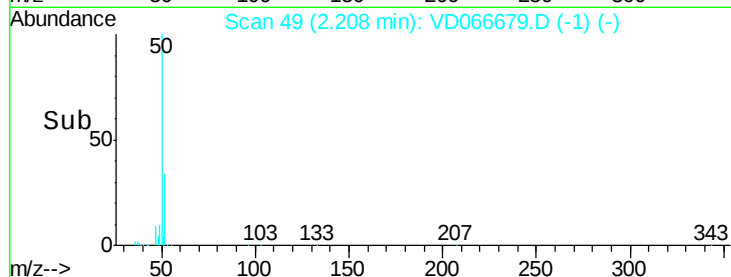
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.913 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066679.D

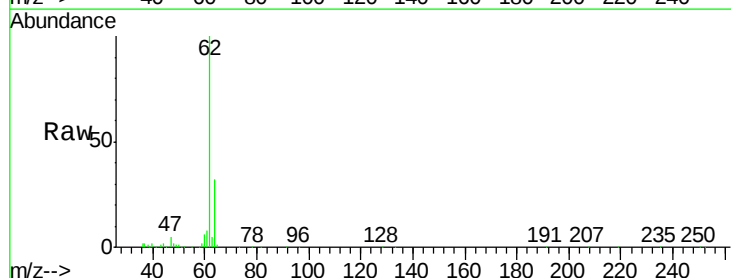
Acq: 14 Sep 2020 18:48

Tgt Ion: 62 Resp: 269286

Ion Ratio Lower Upper

62 100

64 32.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

200000

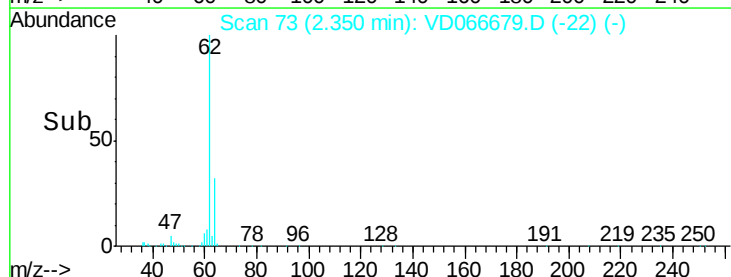
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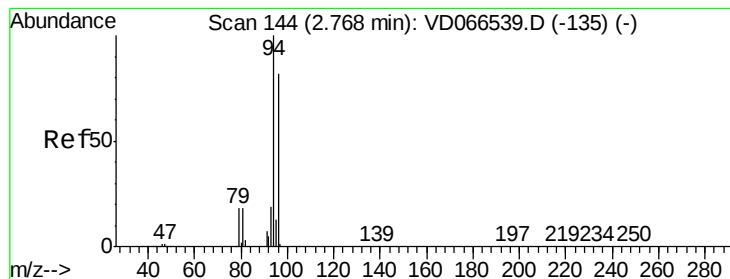
100000

50000

0

Time-->





#5

Bromomethane

Concen: 54.165 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 187204

Ion Ratio Lower Upper

94 100

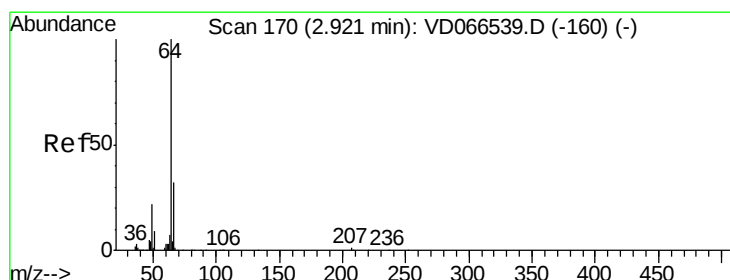
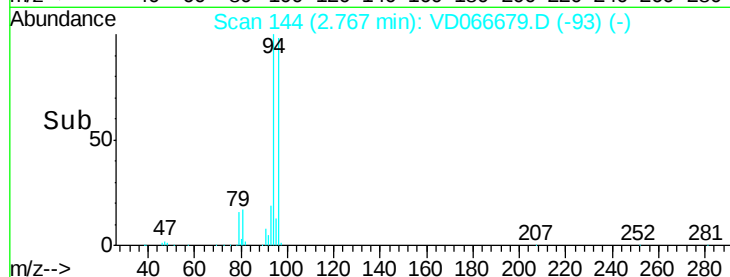
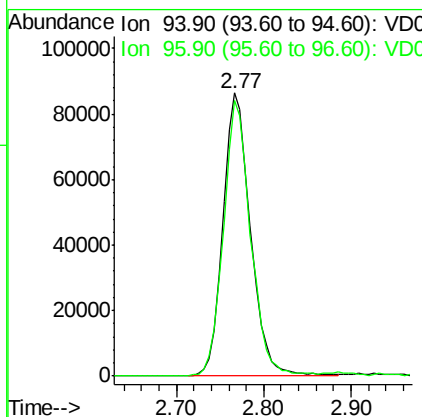
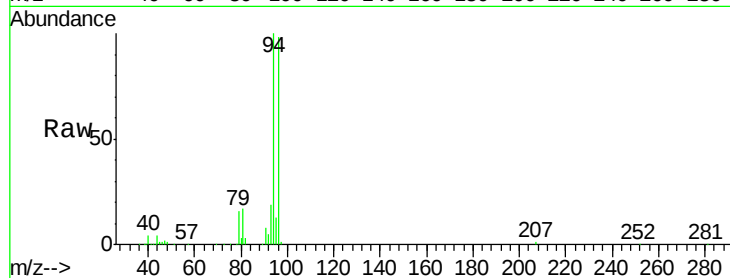
96 97.2 65.2 97.8

Manual Integrations

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#6

Chloroethane

Concen: 49.525 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066679.D

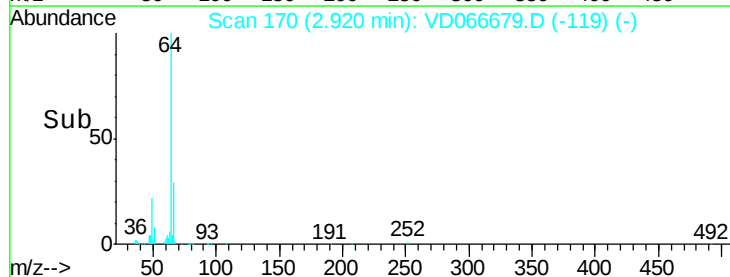
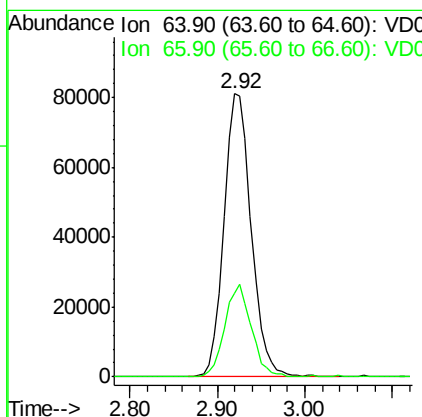
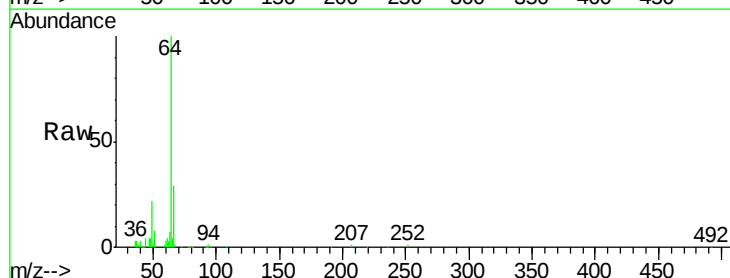
Acq: 14 Sep 2020 18:48

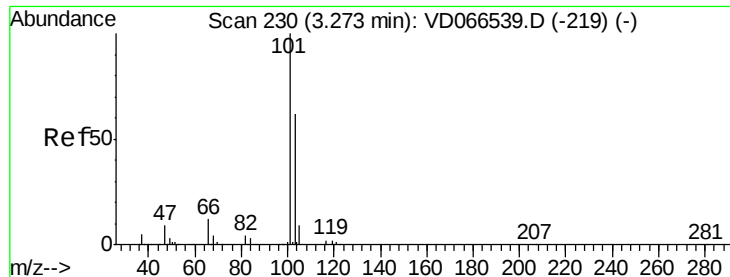
Tgt Ion: 64 Resp: 173181

Ion Ratio Lower Upper

64 100

66 29.5 25.4 38.0





#7

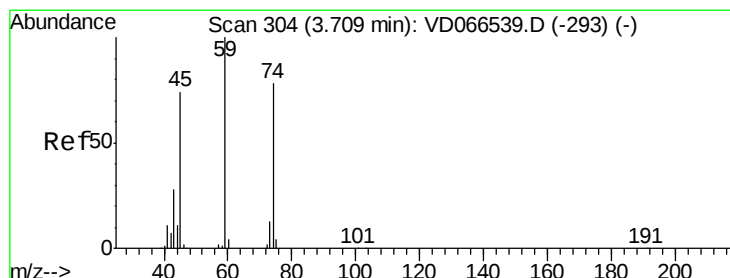
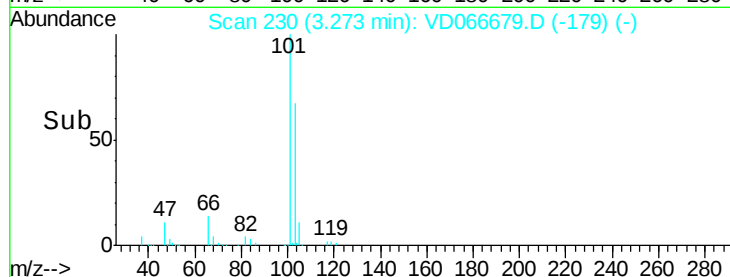
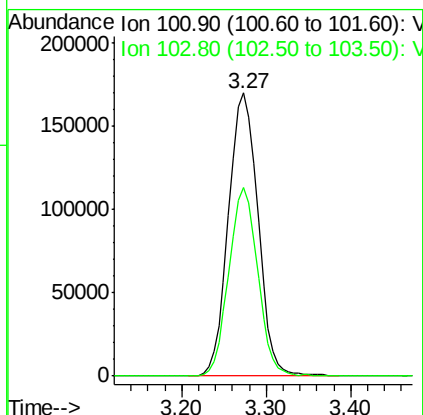
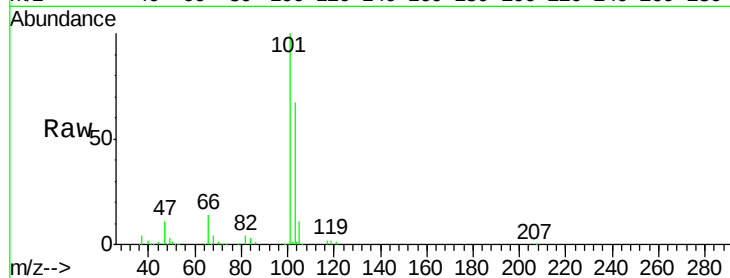
Trichlorofluoromethane
Concen: 50.547 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	49.7	74.5

Manual Integrations
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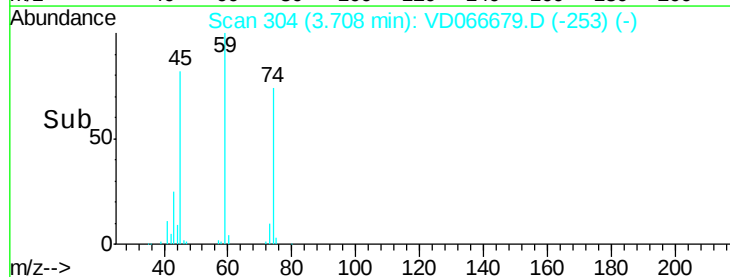
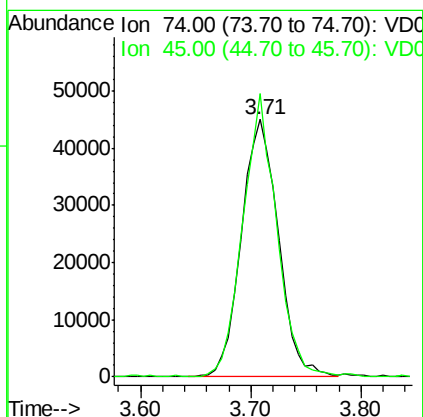
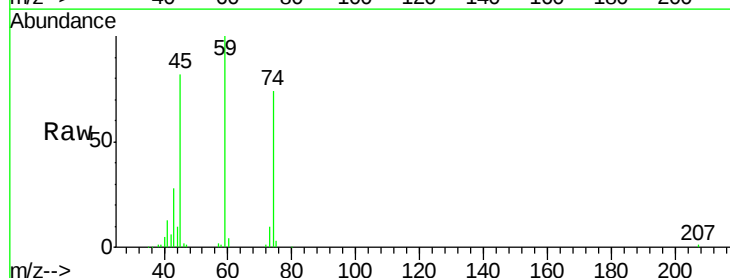
MMDadoda
9/15/2020 2:27:57 PM

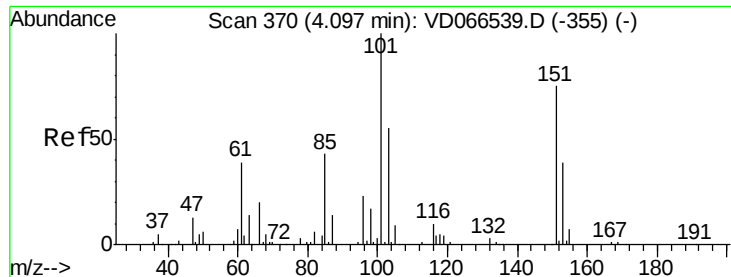


#8

Diethyl Ether
Concen: 51.768 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.2	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.125 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD066679.D

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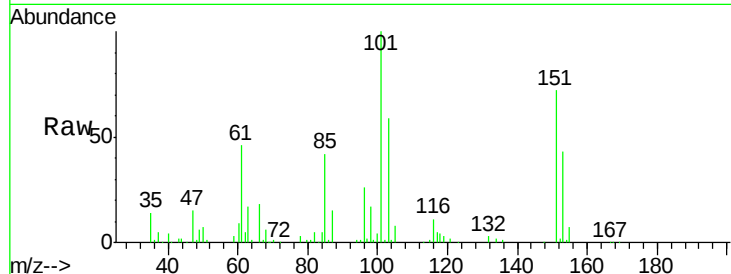
ClientSampleId :

VSTDCCC050

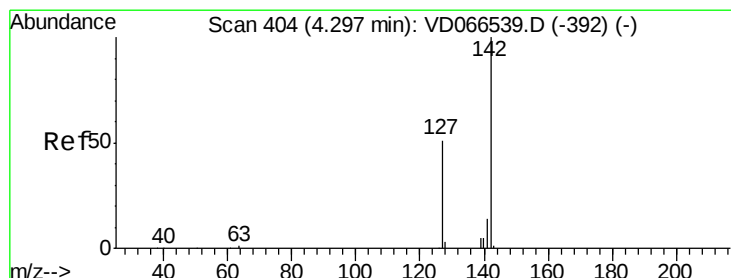
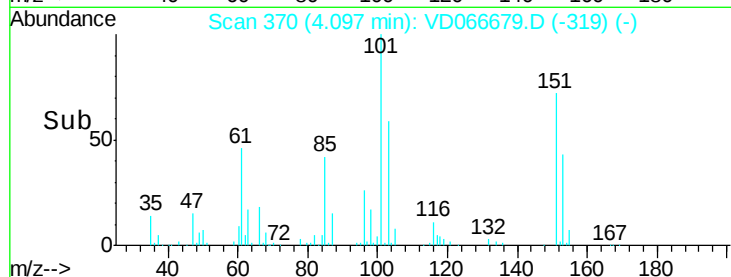
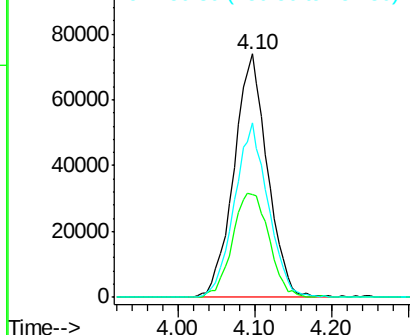
Tot Ion:	101	Resp:	225032
Ion Ratio	Lower	Upper	
101	100		
85	46.7	37.0	55.6
151	72.2	59.4	89.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.048 ug/l

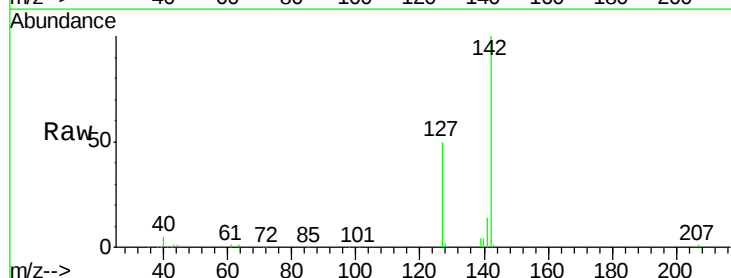
RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

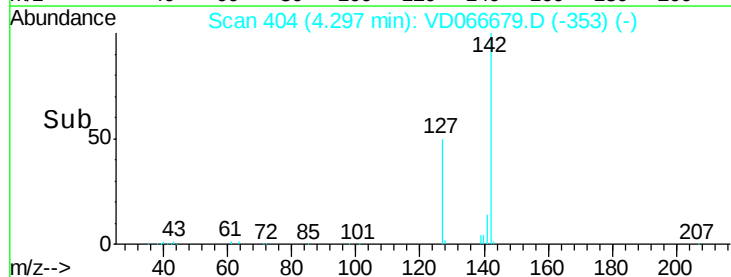
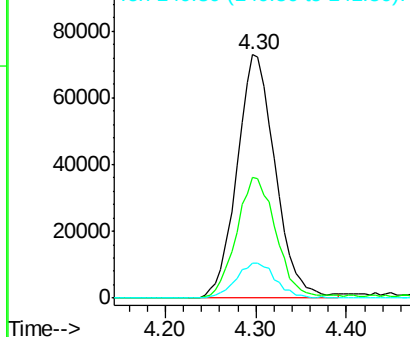
Lab File: VD066679.D

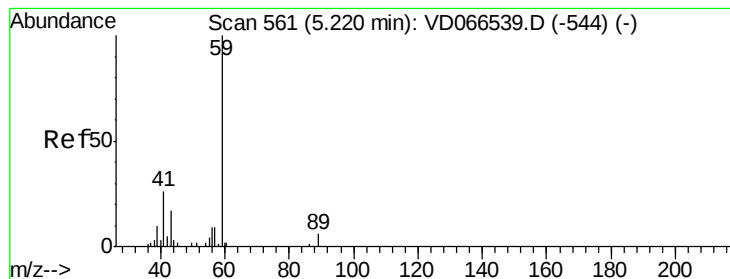
Acq: 14 Sep 2020 18:48

Tgt Ion:	142	Resp:	214056
Ion Ratio	Lower	Upper	
142	100		
127	51.5	40.6	61.0
141	15.0	12.2	18.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

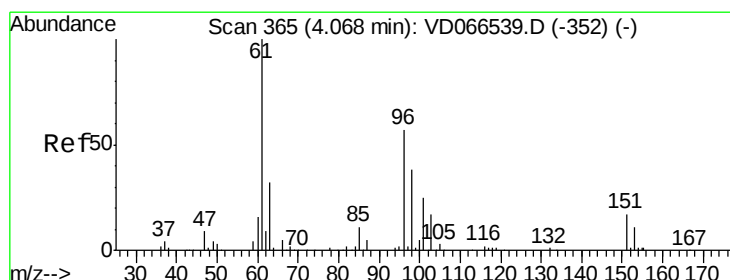
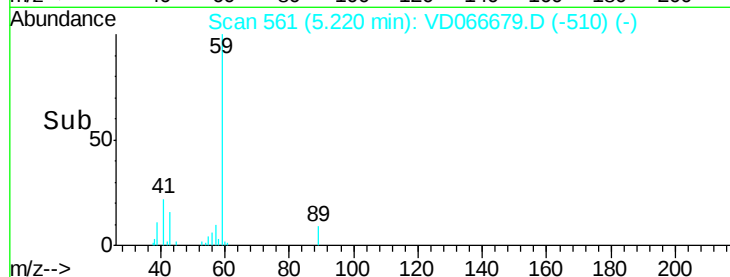
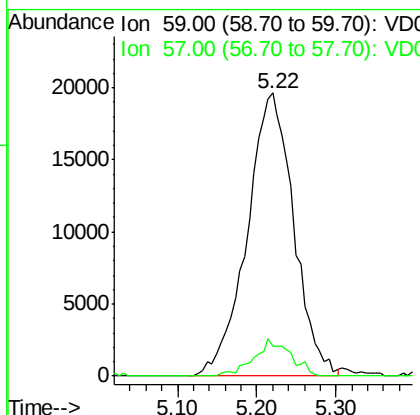
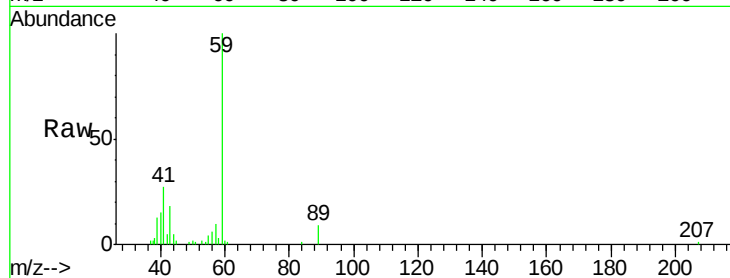
Tert butyl alcohol
Concen: 274.981 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.6	11.4

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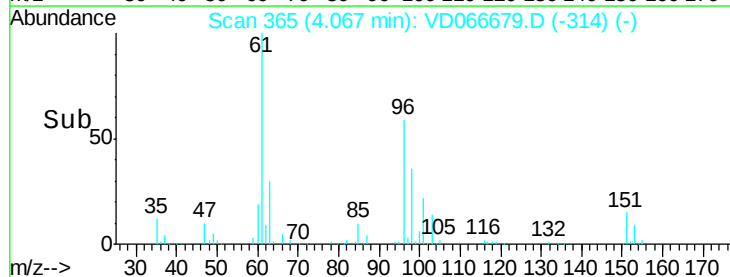
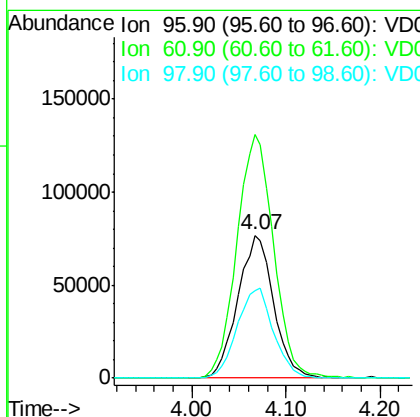
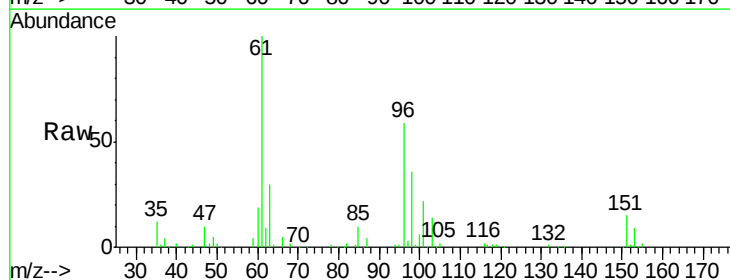
MMDadoda
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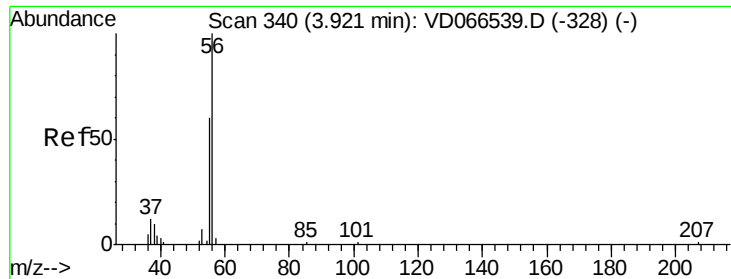


#12

1,1-Dichloroethene
Concen: 51.442 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.4	140.9	211.3
98	61.2	53.2	79.8





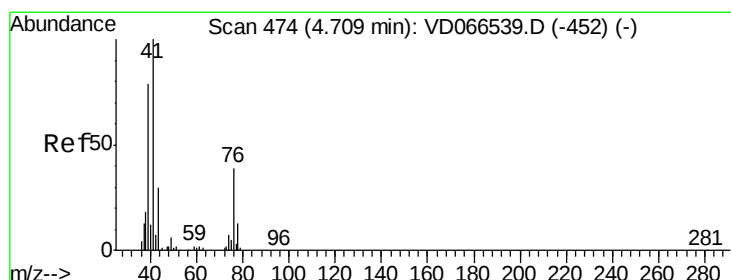
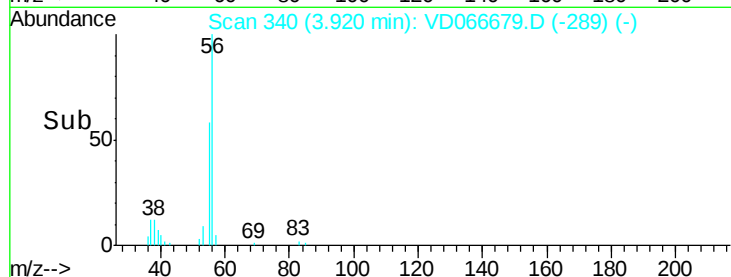
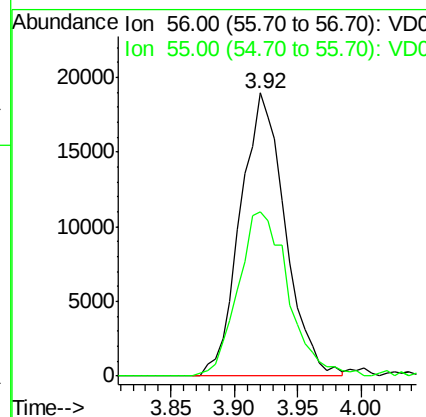
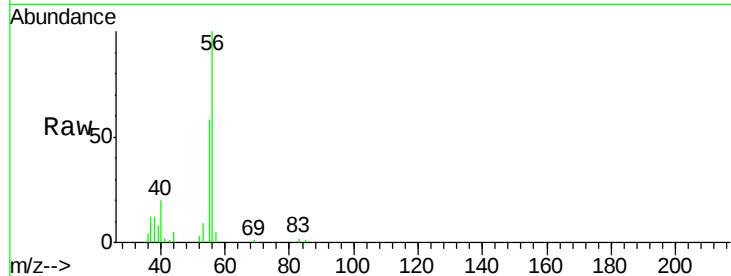
#13
 Acrolein
 Concen: 239.155 ug/l
 RT: 3.92 min Scan# 340
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	65.1	53.6	80.4

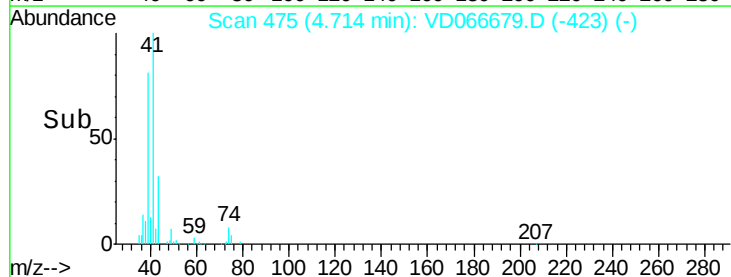
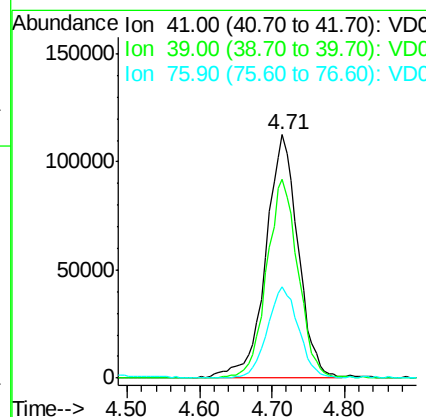
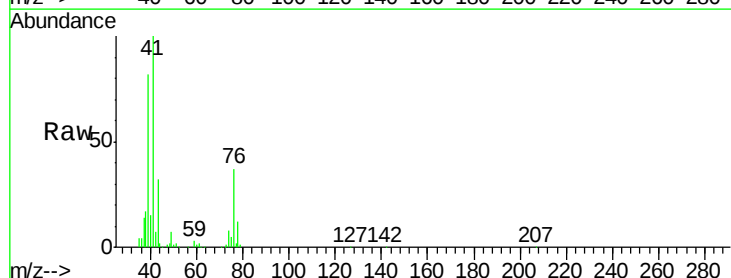
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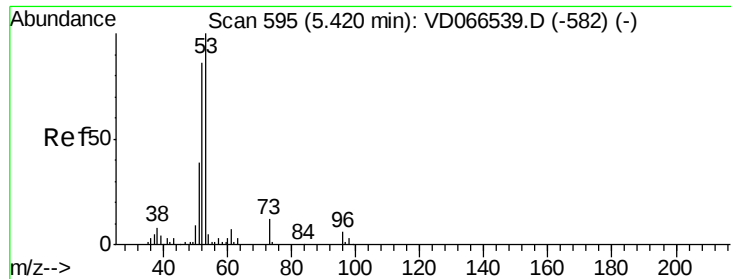
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#14
 Allyl chloride
 Concen: 53.890 ug/l
 RT: 4.71 min Scan# 475
 Delta R.T. 0.01 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	79.4	61.9	92.9
76	35.7	29.0	43.6





#15

Acrylonitrile

Concen: 273.936 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

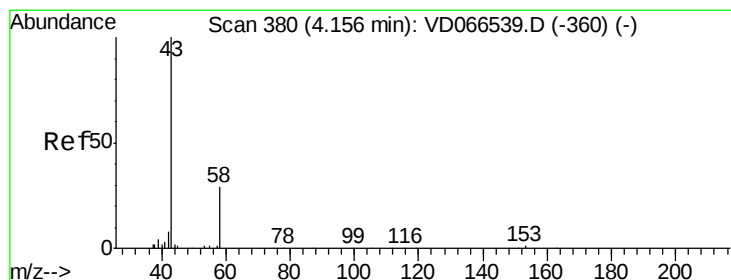
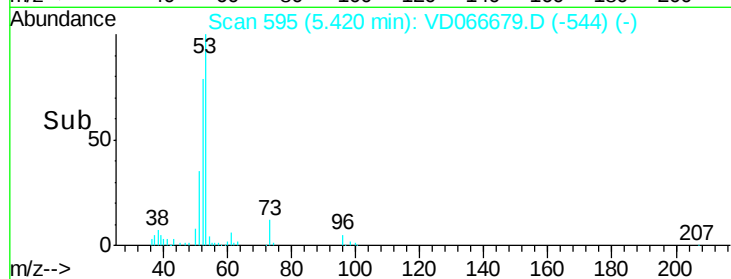
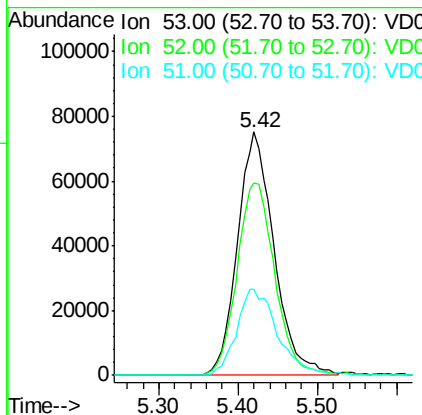
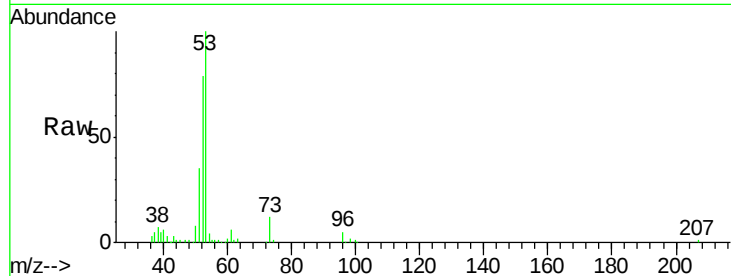
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	241000
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.4	98.2
51	39.2	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 249.038 ug/l

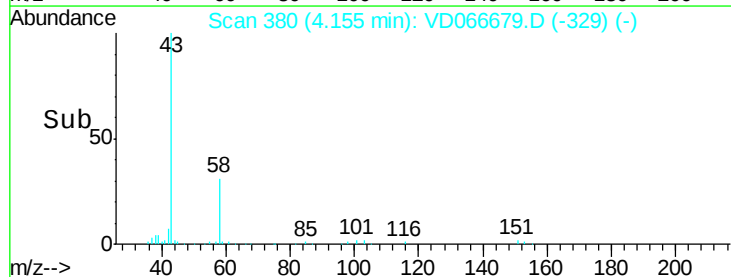
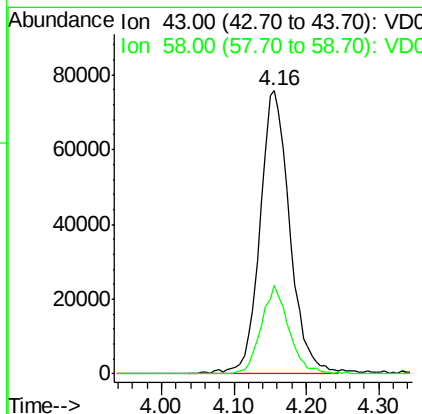
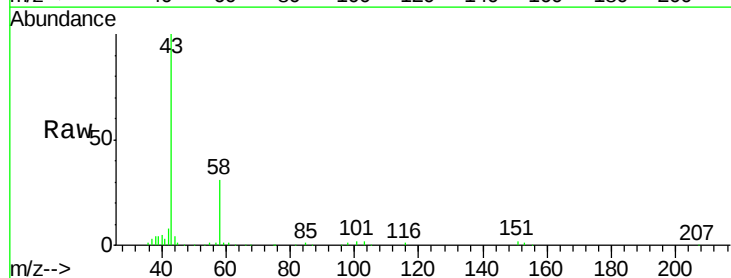
RT: 4.16 min Scan# 380

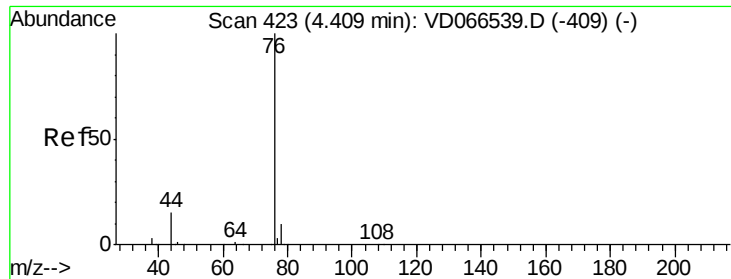
Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Tgt Ion:	43	Resp:	217605
Ion Ratio	Lower	Upper	
43	100		
58	31.2	22.9	34.3





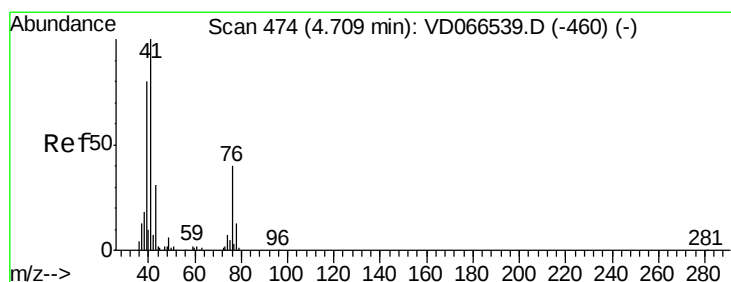
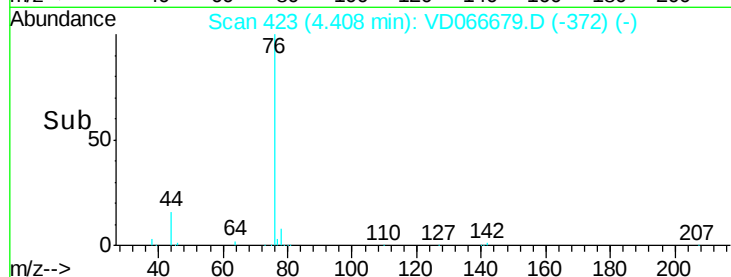
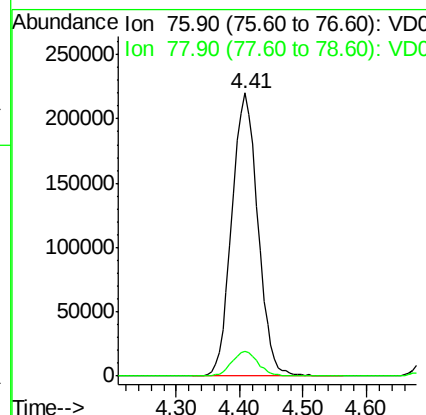
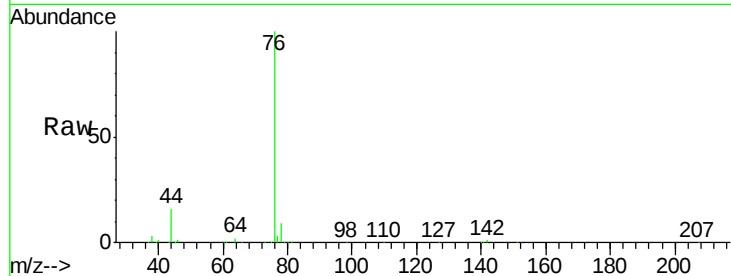
#17
Carbon Disulfide
Concen: 47.896 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.6	11.4

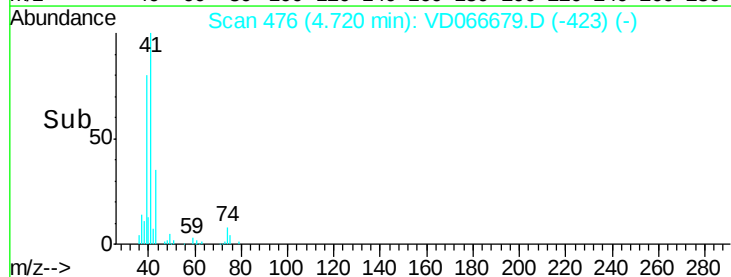
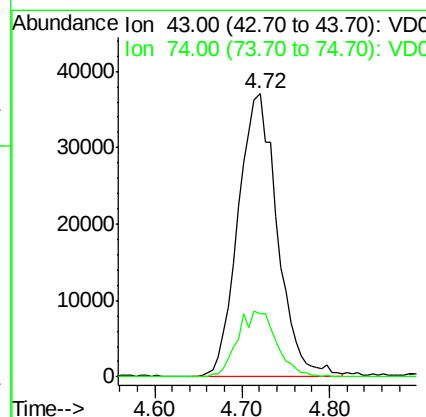
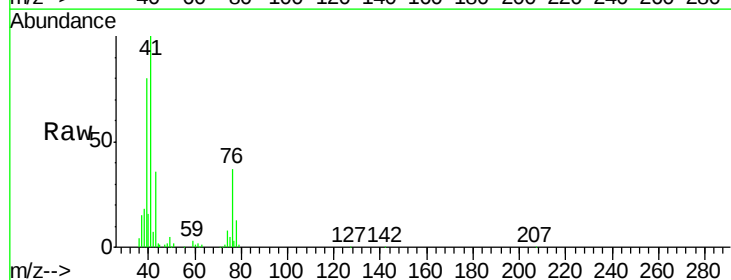
Manual Integrations
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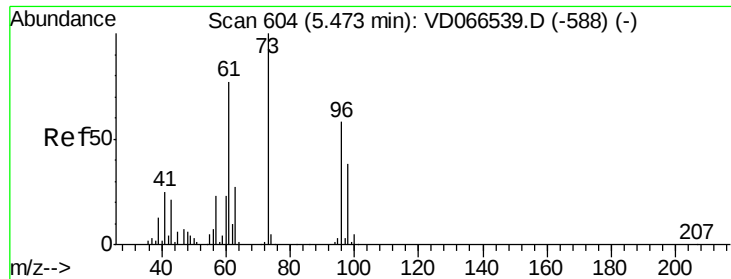
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#18
Methyl Acetate
Concen: 54.386 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.0	27.0





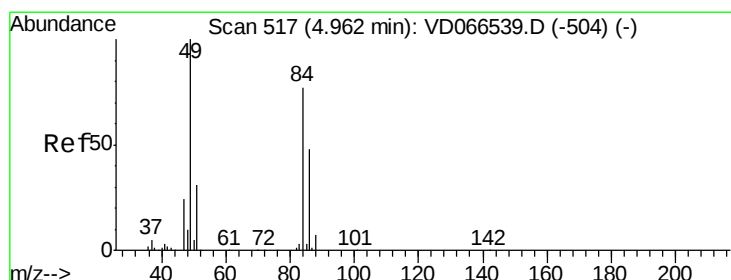
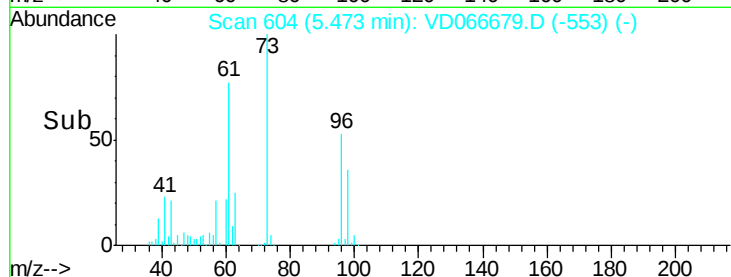
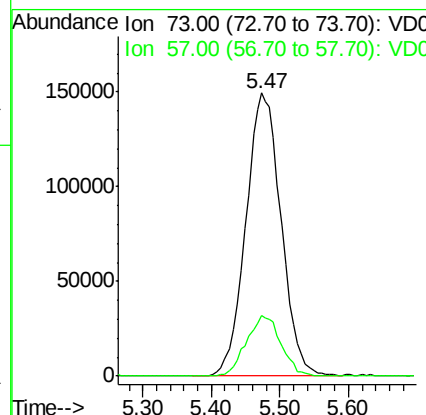
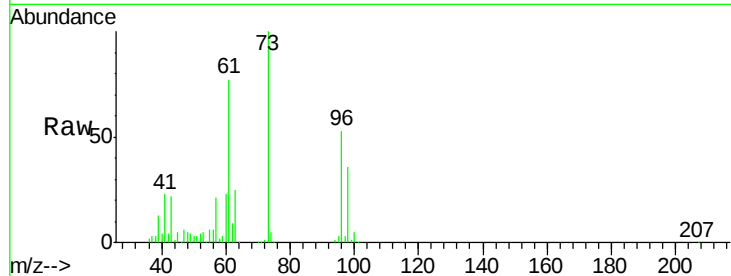
#19
Methyl tert-butyl Ether
Concen: 57.501 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 533233
Ion Ratio Lower Upper
73 100
57 21.4 18.3 27.5

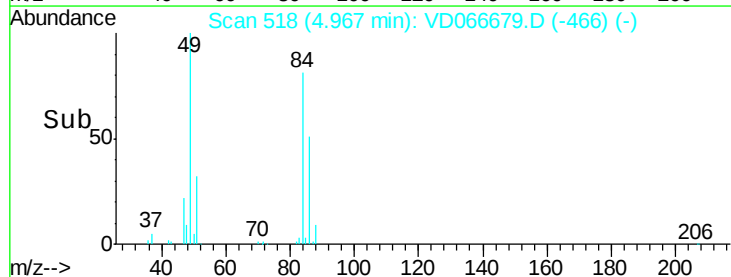
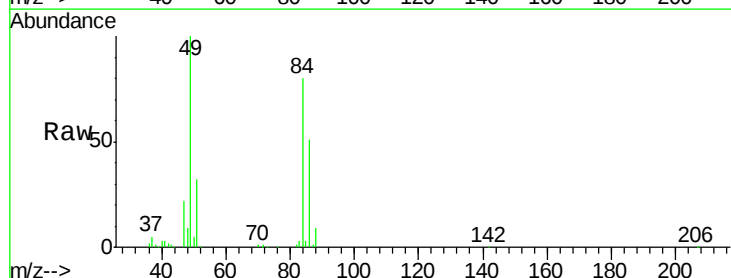
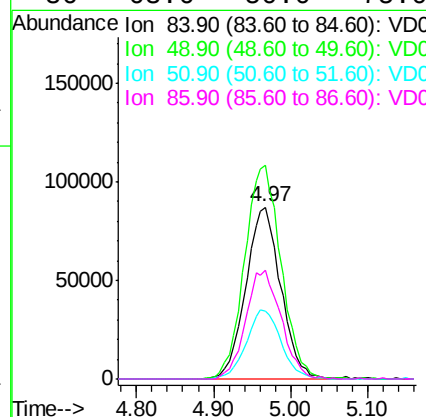
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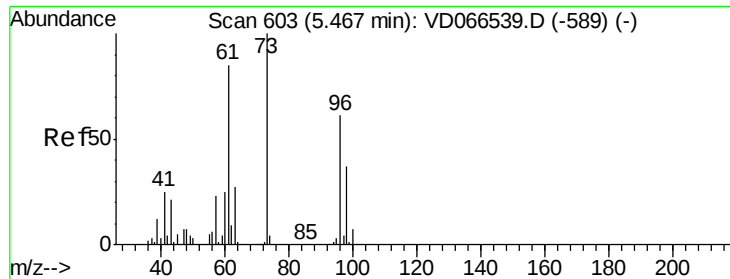
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#20
Methylene Chloride
Concen: 59.410 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion: 84 Resp: 276975
Ion Ratio Lower Upper
84 100
49 124.3 104.3 156.5
51 39.6 32.2 48.4
86 63.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 52.329 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 245734

Ion Ratio Lower Upper

96 100

61 136.5 112.1 168.1

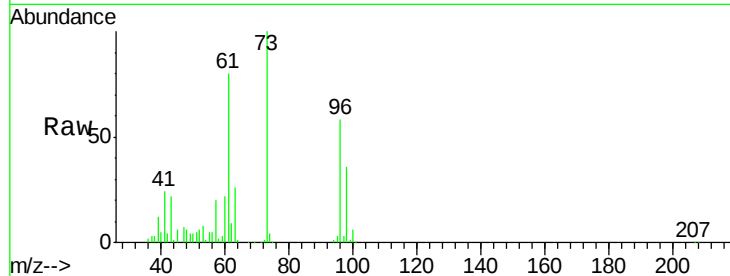
98 61.5 48.6 72.8

Manual Integrations

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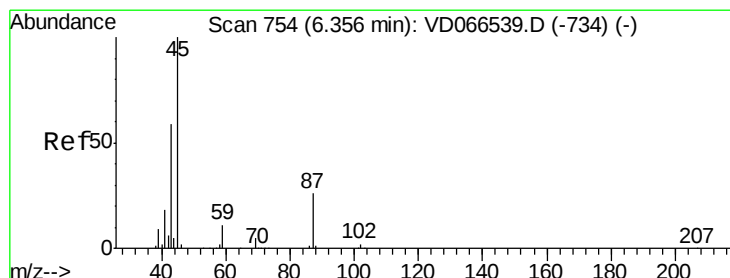
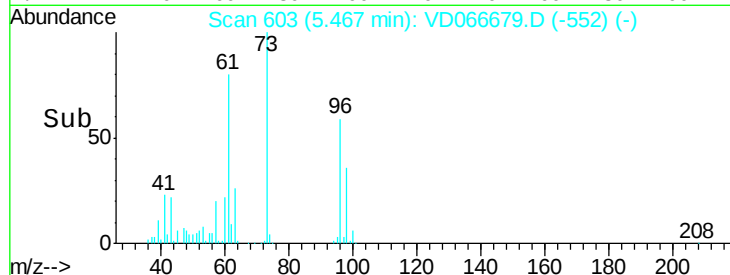
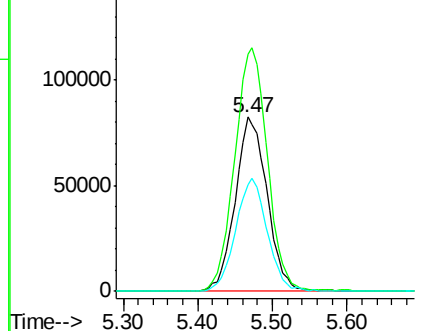
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Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 55.248 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Tgt Ion: 45 Resp: 736323

Ion Ratio Lower Upper

45 100

43 55.9 47.0 70.4

87 27.9 21.3 31.9

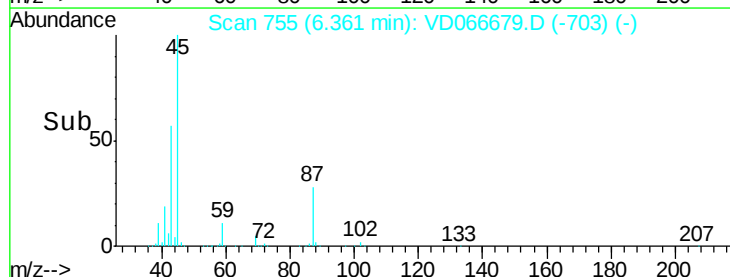
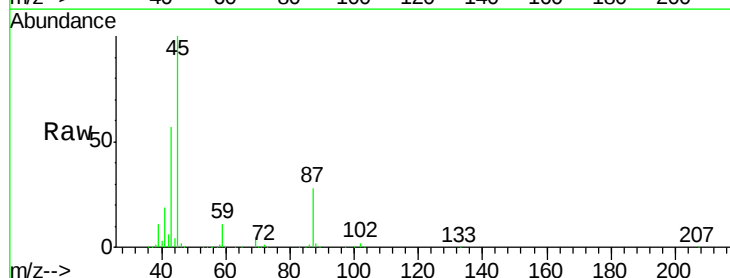
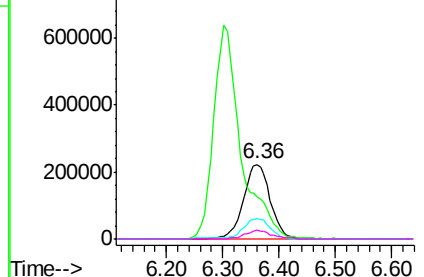
59 11.4 8.7 13.1

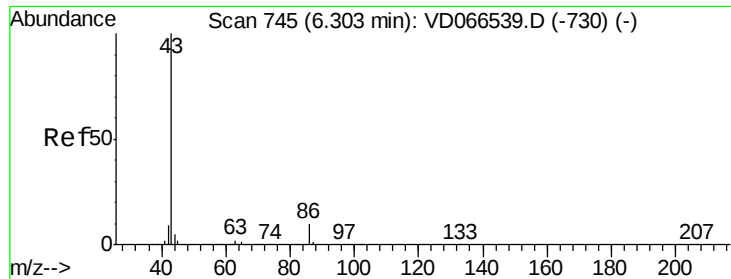
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





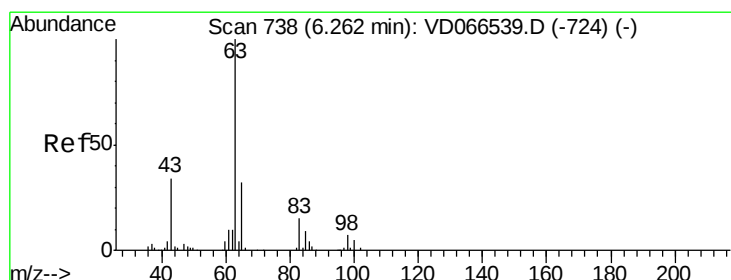
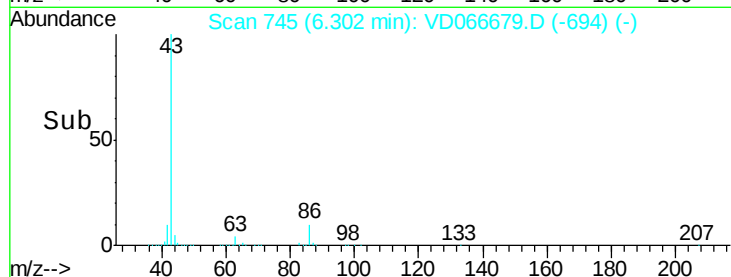
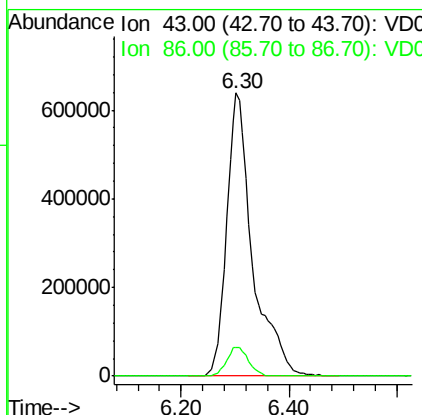
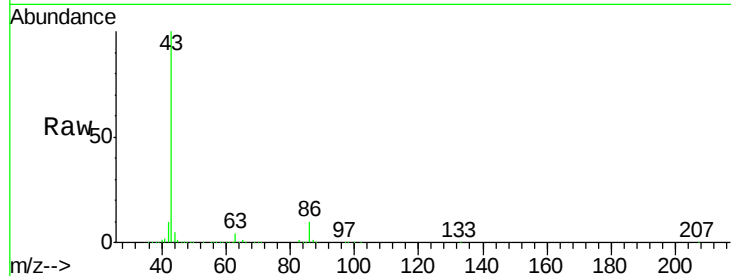
#23
 Vinyl Acetate
 Concen: 283.395 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2149344
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.7 11.5

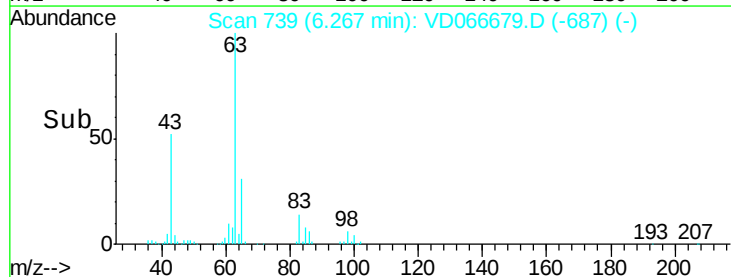
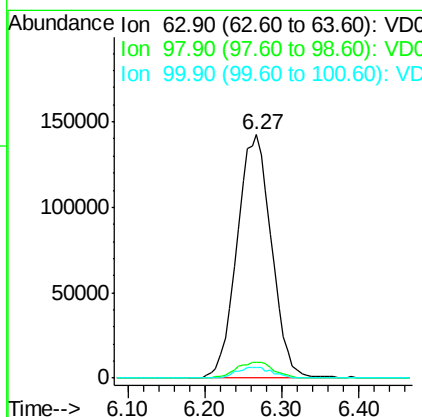
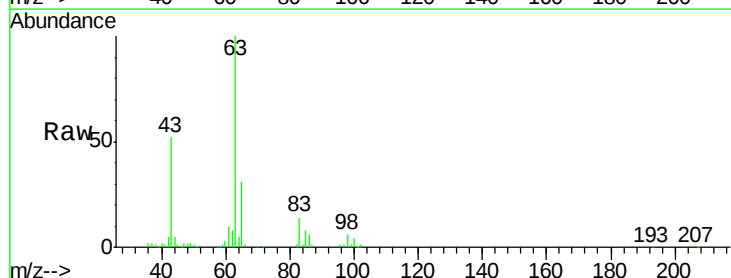
Manual Integrations
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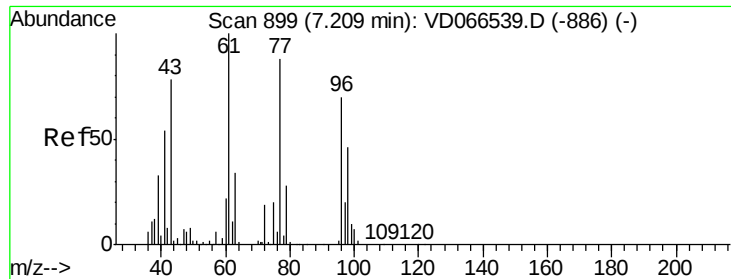
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 53.216 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Tgt Ion: 63 Resp: 446008
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.2 2.5 7.4





#25

2-Butanone

Concen: 269.044 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 315577

Ion Ratio Lower Upper

43 100

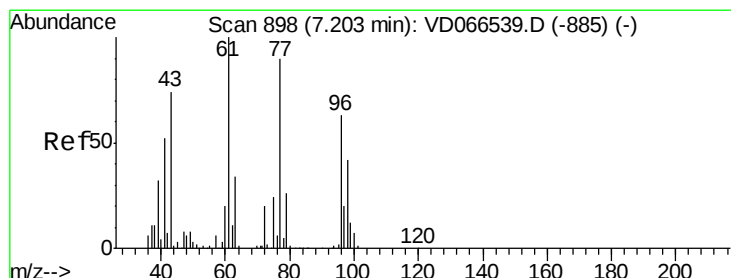
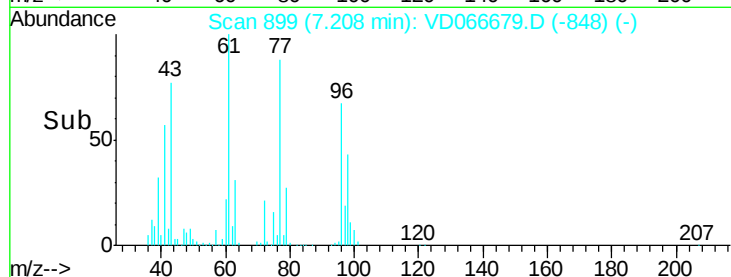
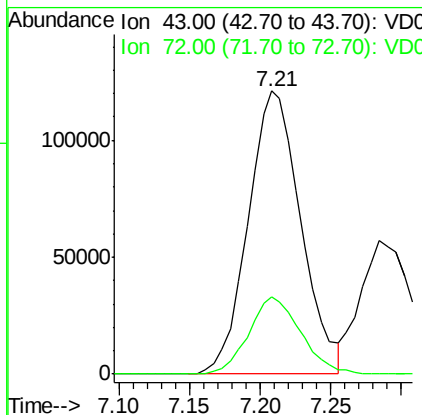
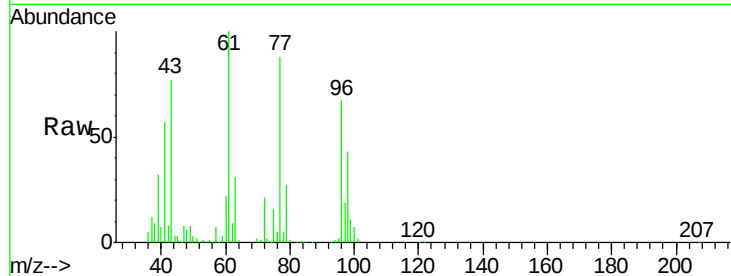
72 27.1 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.298 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066679.D

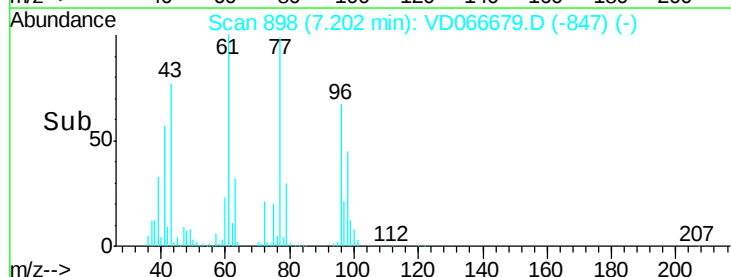
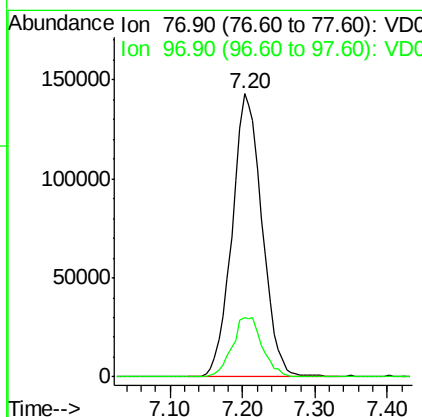
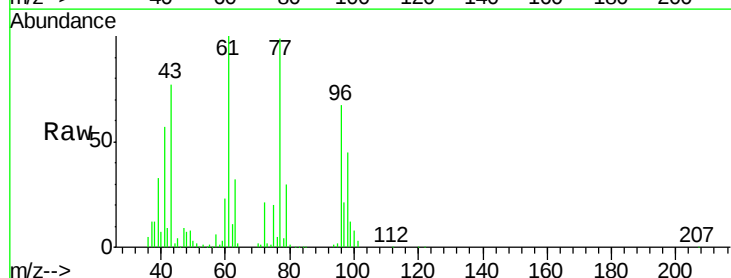
Acq: 14 Sep 2020 18:48

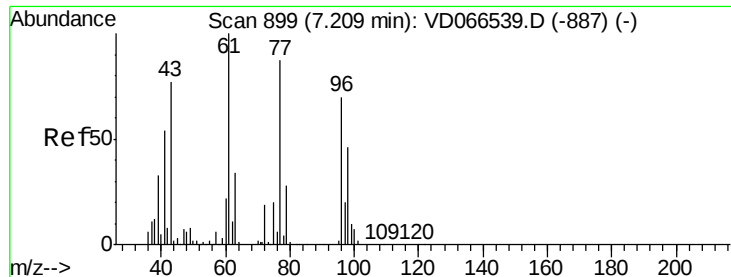
Tgt Ion: 77 Resp: 409742

Ion Ratio Lower Upper

77 100

97 21.2 10.8 32.3





#27

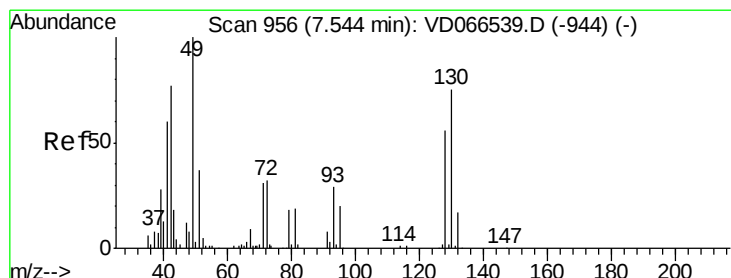
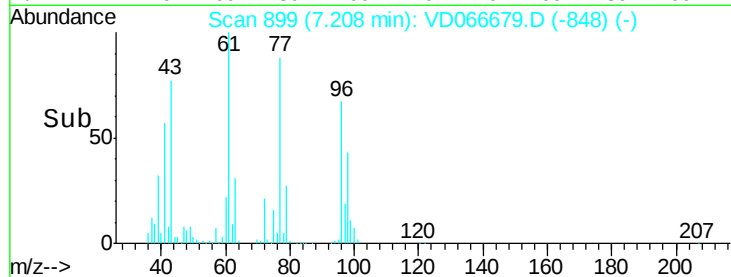
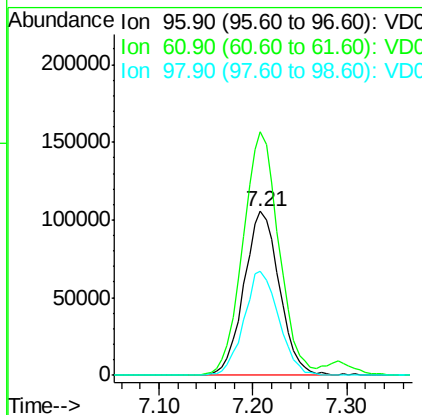
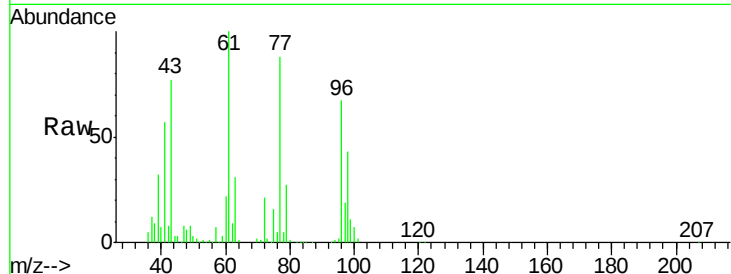
cis-1,2-Dichloroethene
Concen: 54.528 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	275358		
61	150.8	0.0	301.0	
98	62.5	0.0	129.8	

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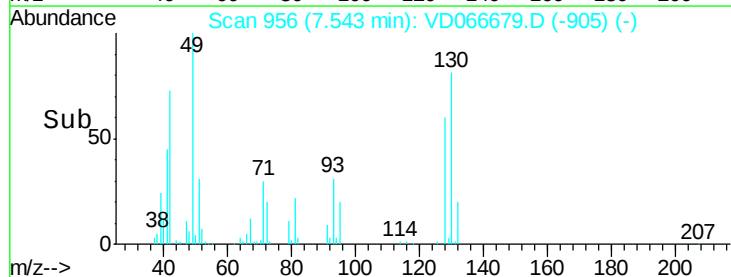
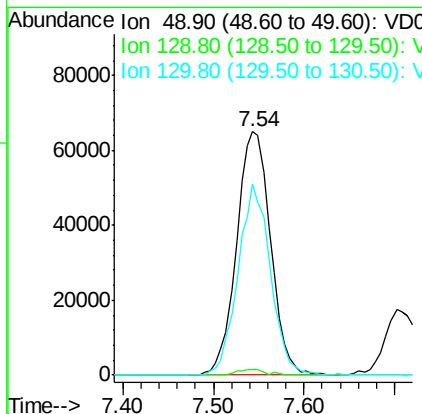
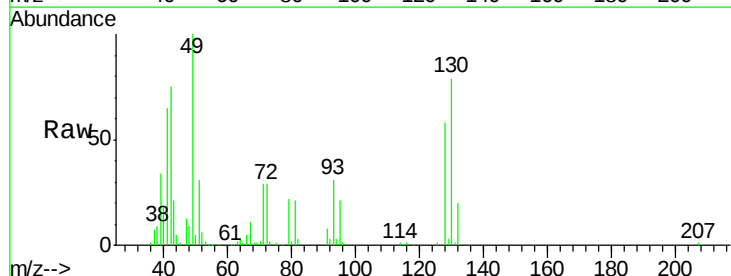
MMDadoda
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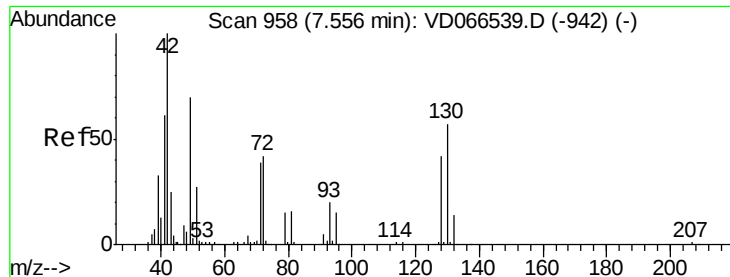


#28

Bromochloromethane
Concen: 52.409 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	169106		
129	1.7	0.0	2.6	
130	74.7	58.2	87.2	





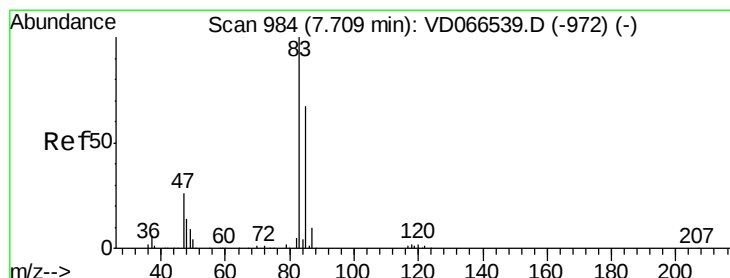
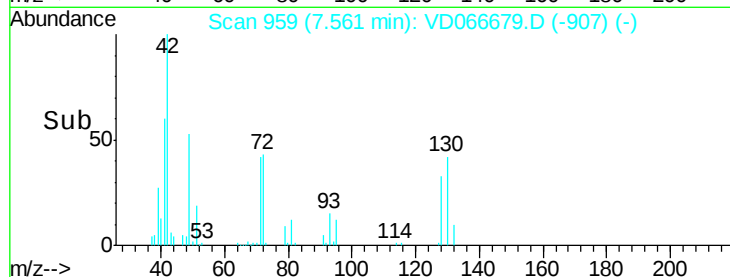
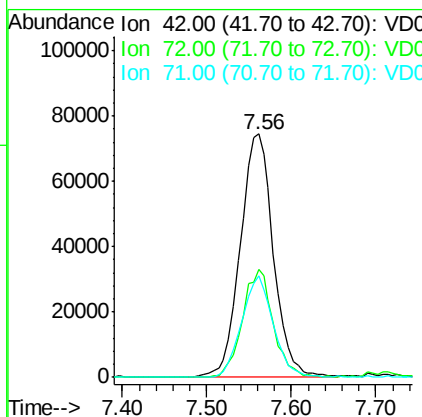
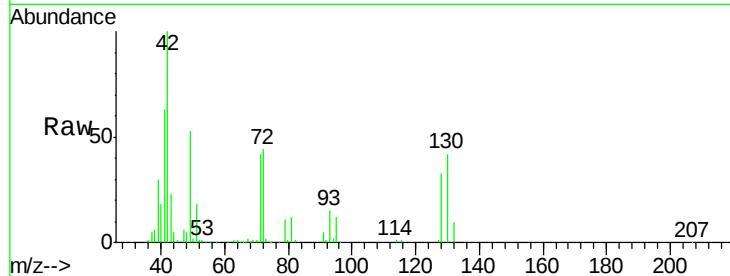
#29
Tetrahydrofuran
Concen: 276.872 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	202257
Ion Ratio		Lower	Upper
42	100		
72	41.3	33.4	50.0
71	39.6	31.9	47.9

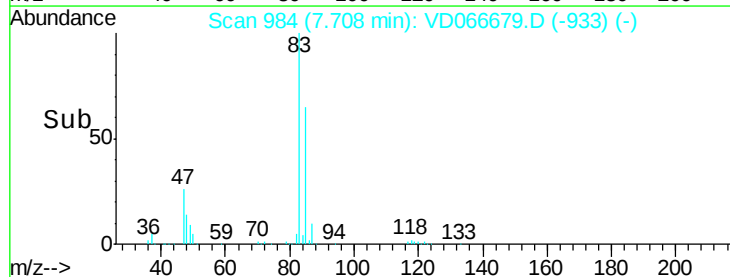
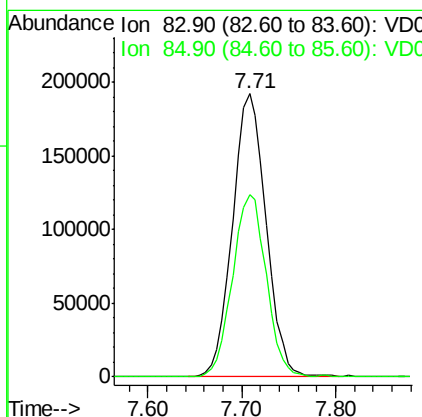
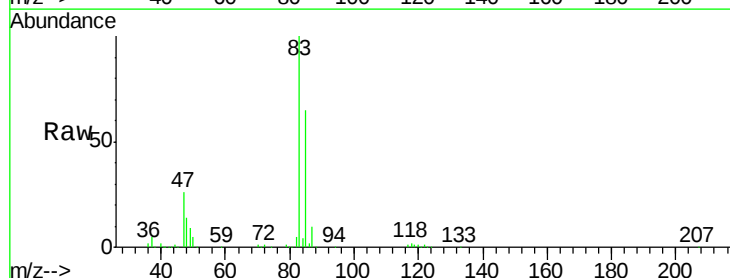
Manual Integrations
APPROVED

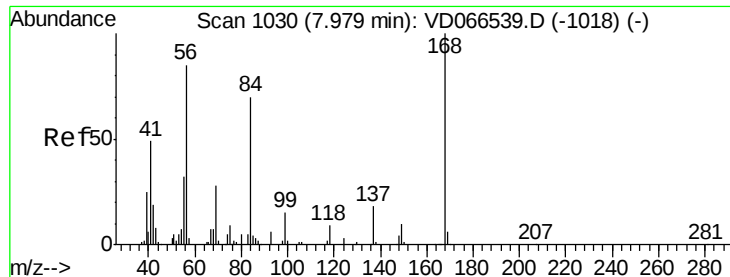
MMDadoda
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#30
Chloroform
Concen: 53.679 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion:	83	Resp:	475950
Ion Ratio		Lower	Upper
83	100		
85	64.6	53.6	80.4





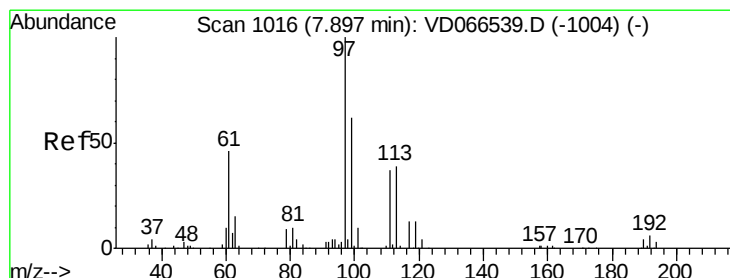
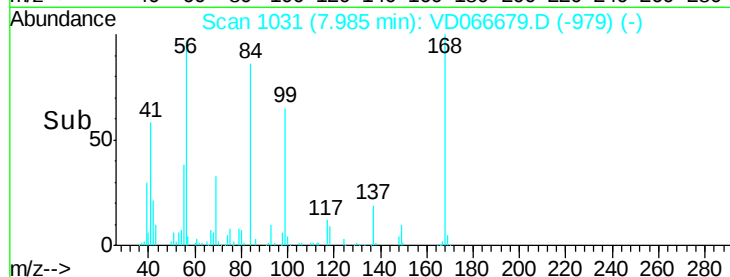
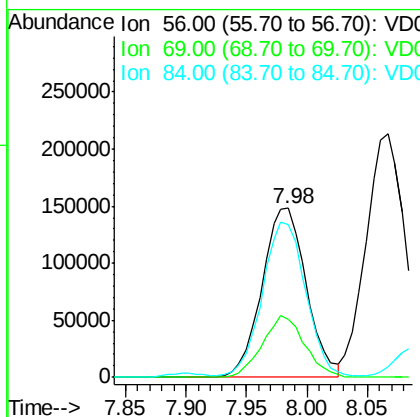
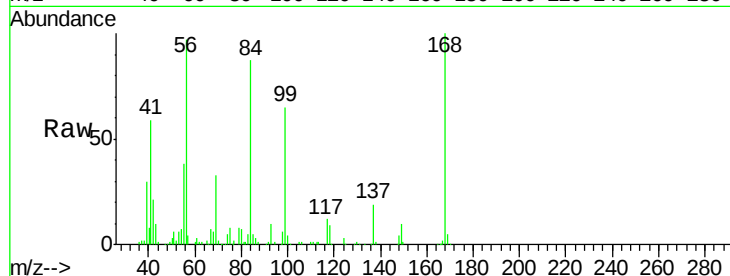
#31
Cyclohexane
Concen: 48.688 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	26.3	39.5
84	87.7	66.1	99.1

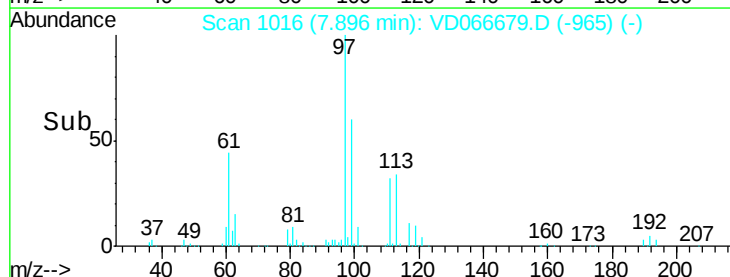
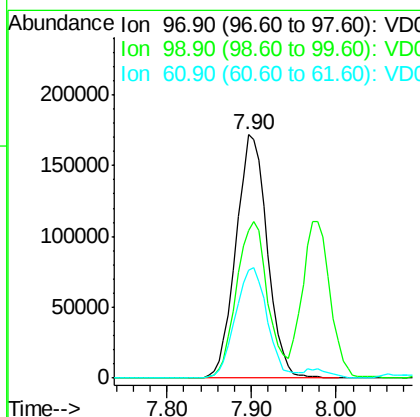
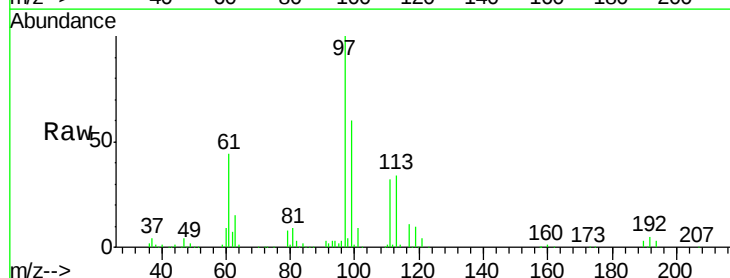
Manual Integrations
APPROVED

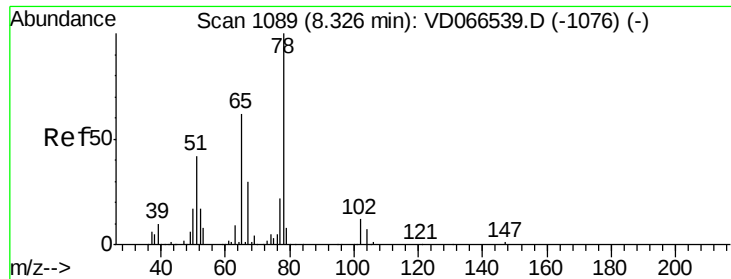
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 52.919 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	46.3	37.4	56.0





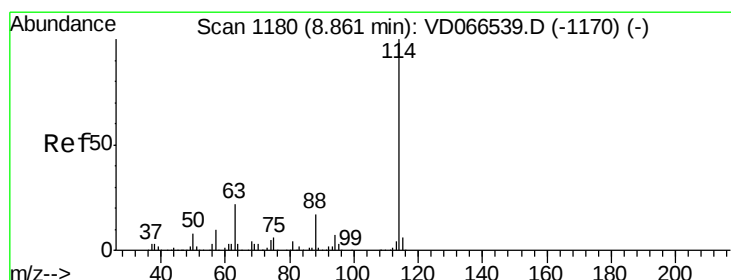
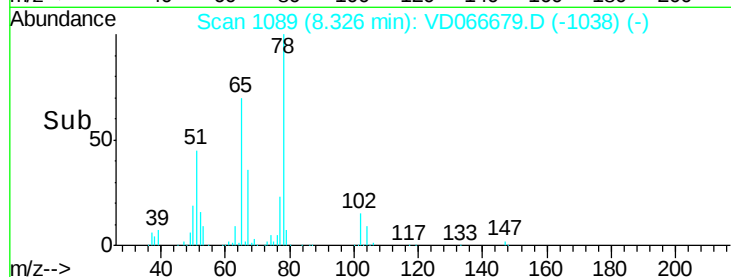
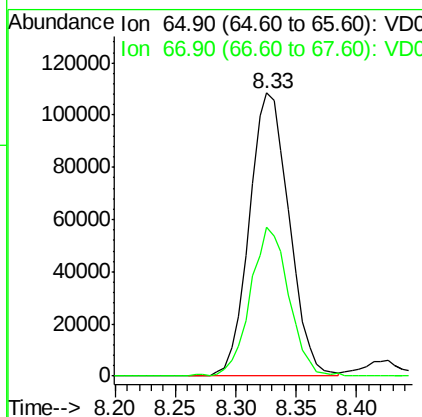
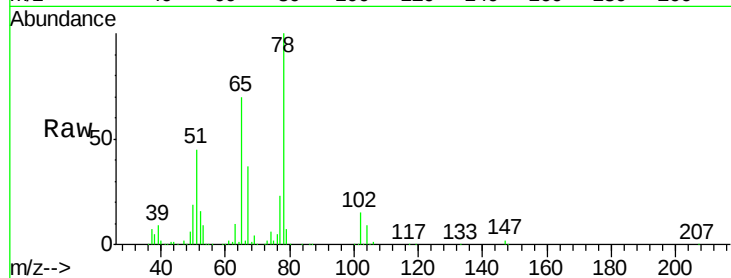
#33
 1,2-Dichloroethane-d4
 Concen: 52.302 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	248379		
67	51.0	0.0	102.8	

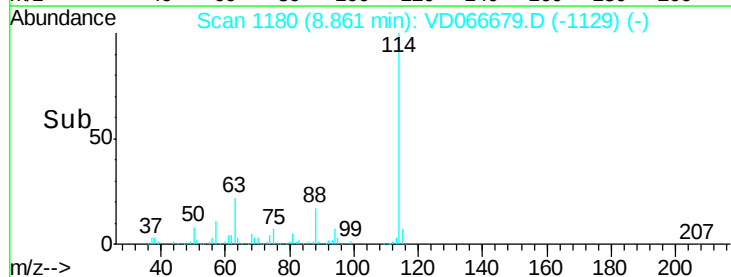
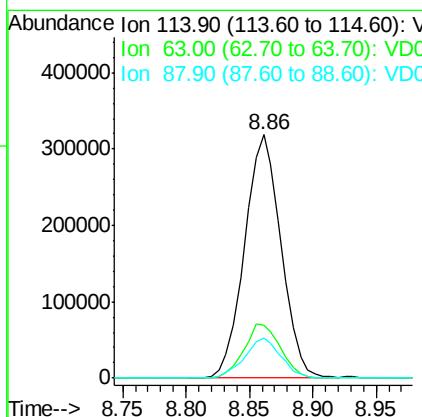
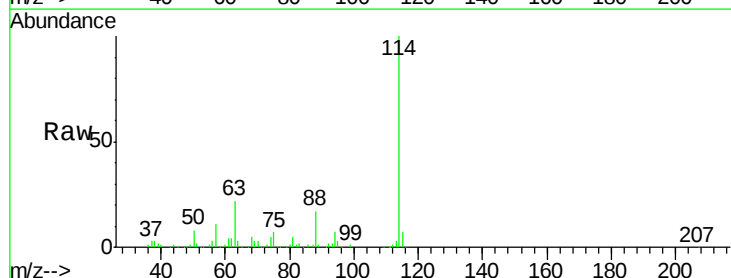
Manual Integrations
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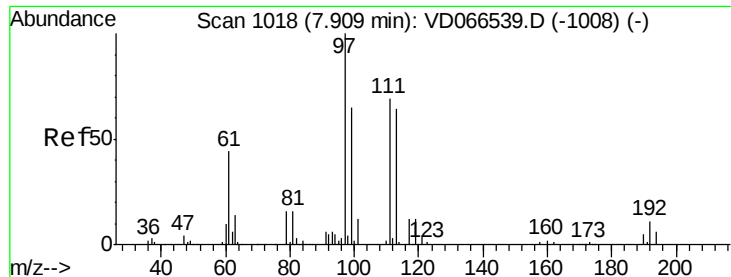
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 9/15/2020 2:27:57 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	637195		
63	21.7	0.0	43.2	
88	16.7	0.0	33.2	





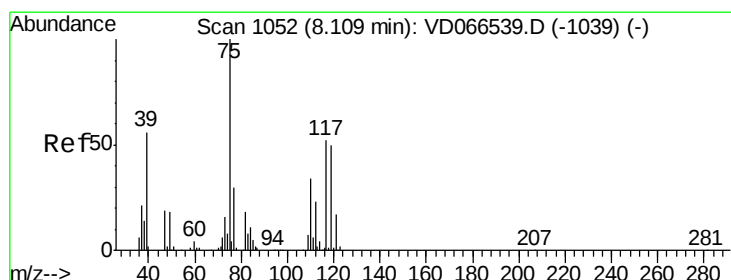
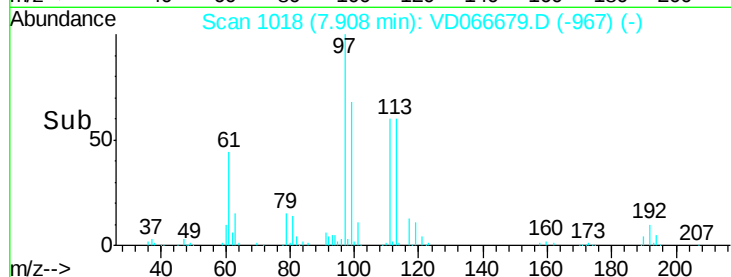
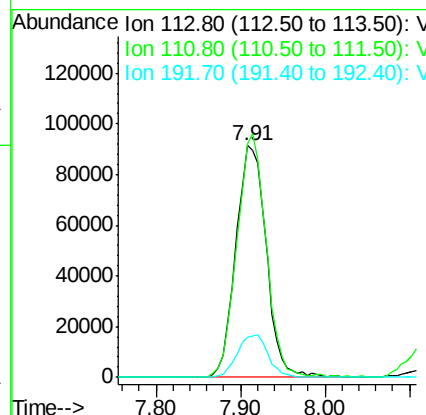
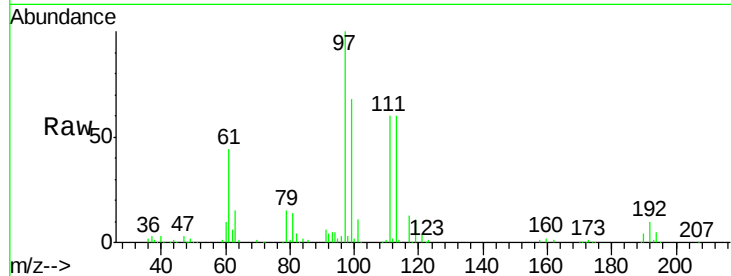
#35
 Dibromofluoromethane
 Concen: 52.791 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	226924		
111	100.3	83.2	124.8	
192	18.4	13.7	20.5	

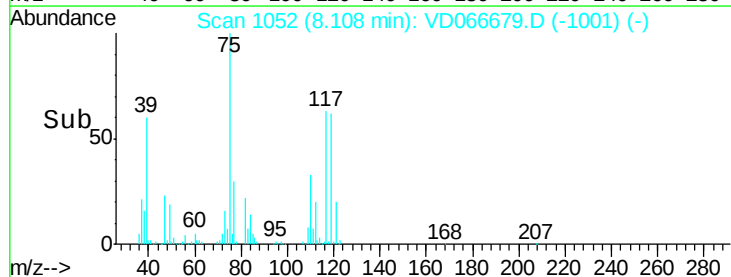
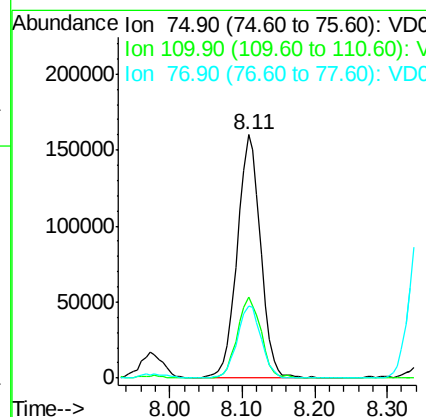
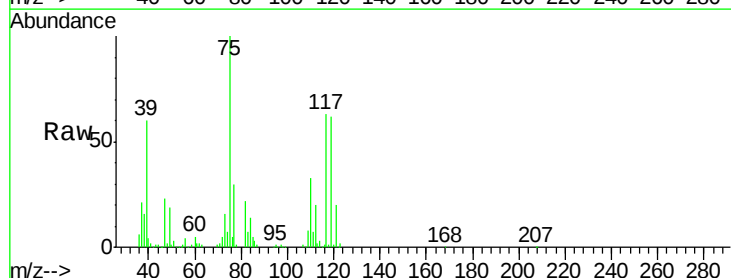
Manual Integrations
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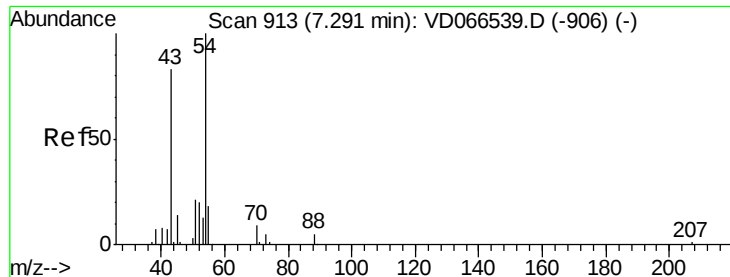
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 54.036 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	358329		
110	33.9	17.3	52.0	
77	30.8	25.1	37.7	





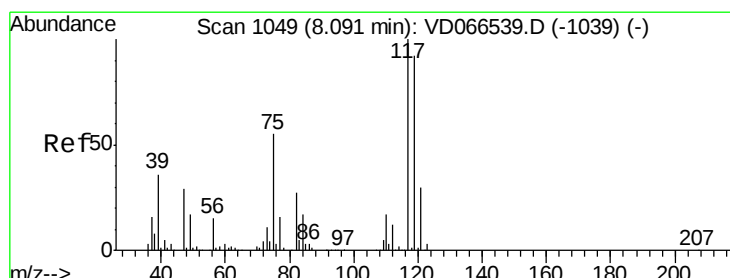
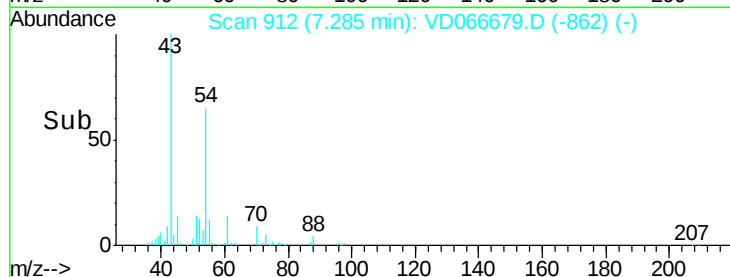
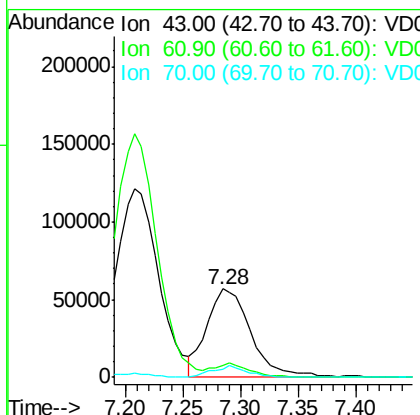
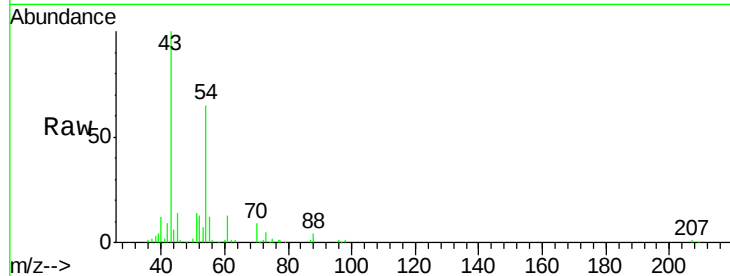
#37
Ethyl Acetate
Concen: 56.184 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	148358
Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.8	17.8
70	10.9	7.9	11.9

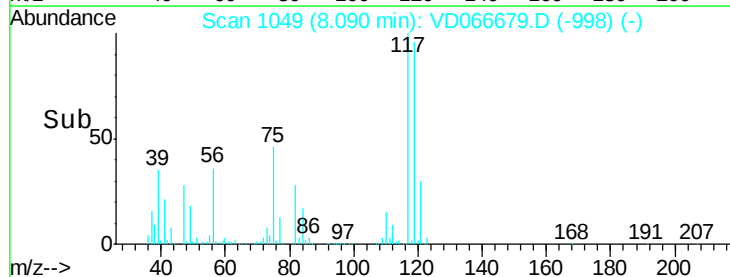
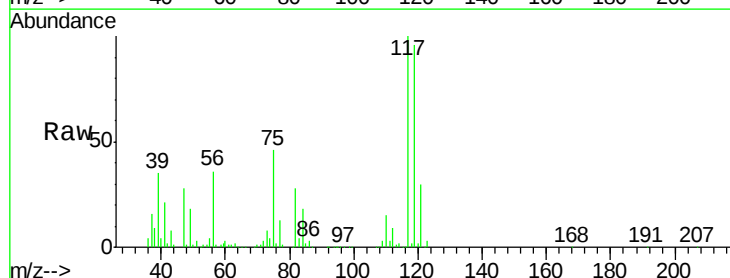
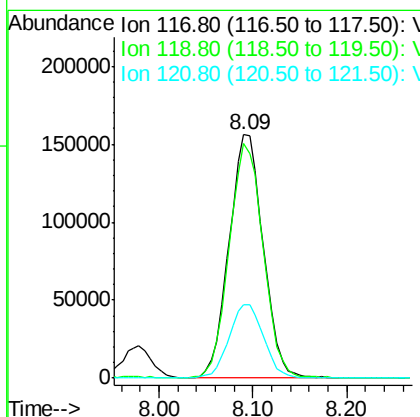
Manual Integrations
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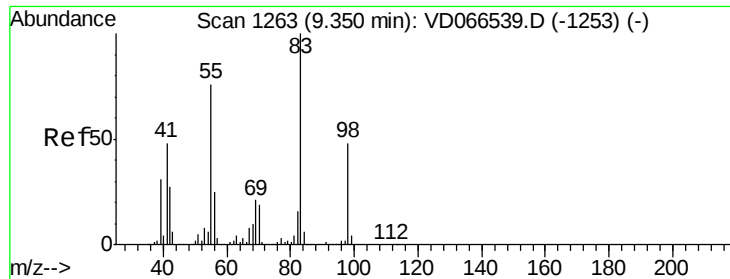
MMDadoda
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#38
Carbon Tetrachloride
Concen: 55.838 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	117	Resp	391381
Ion	Ratio	Lower	Upper
117	100		
119	96.2	73.9	110.9
121	30.2	24.1	36.1





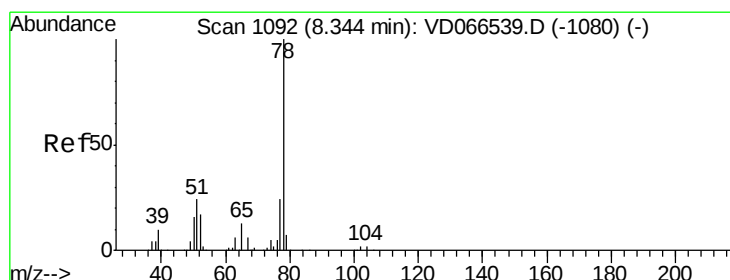
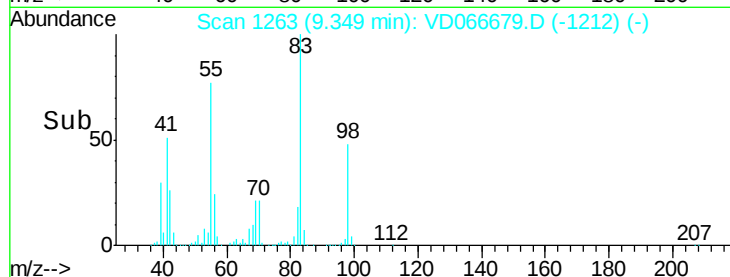
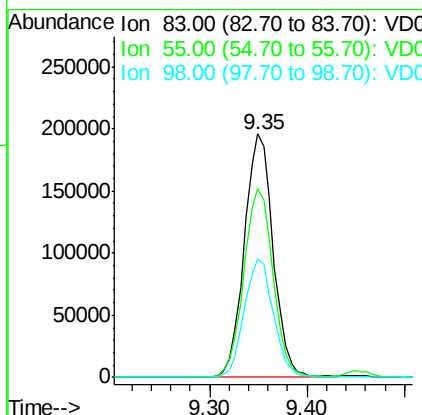
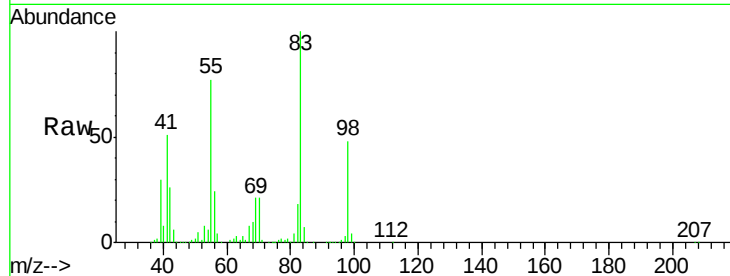
#39
Methylvlcyclohexane
Concen: 54.910 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.8	91.2
98	48.4	38.6	58.0

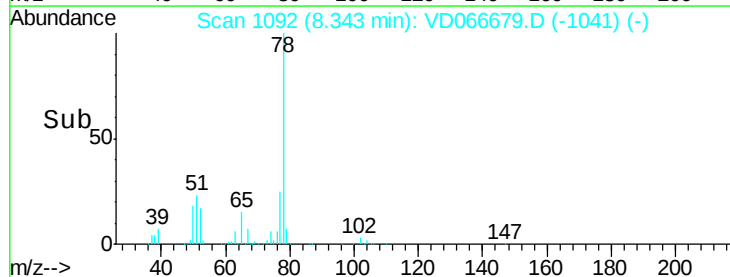
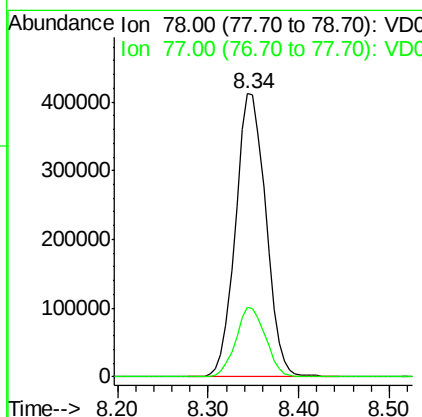
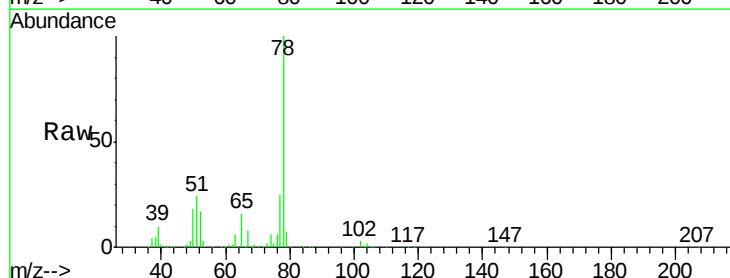
Manual Integrations
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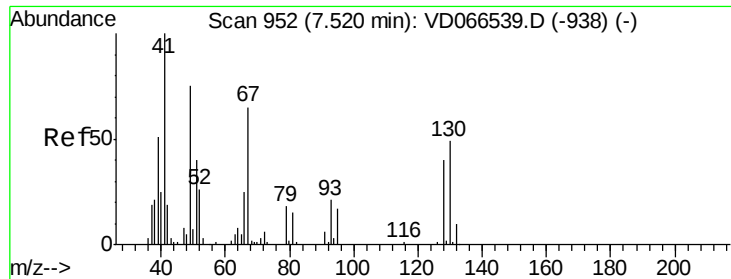
MMDadoda
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#40
Benzene
Concen: 52.948 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7





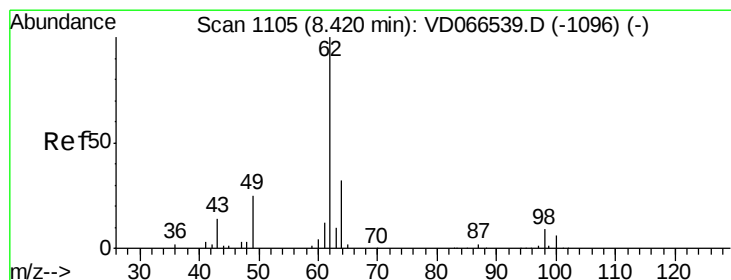
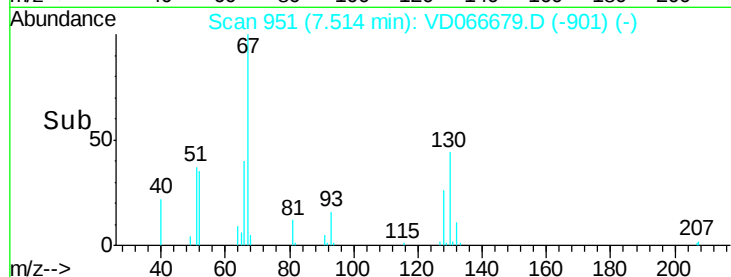
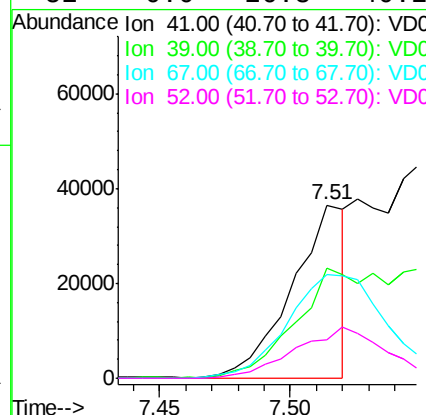
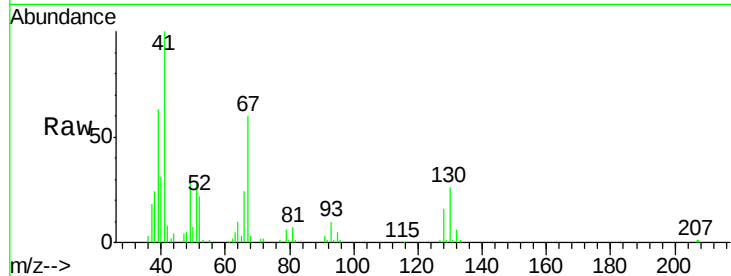
#41
Methacrylonitrile
Concen: 41.608 ug/l m
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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

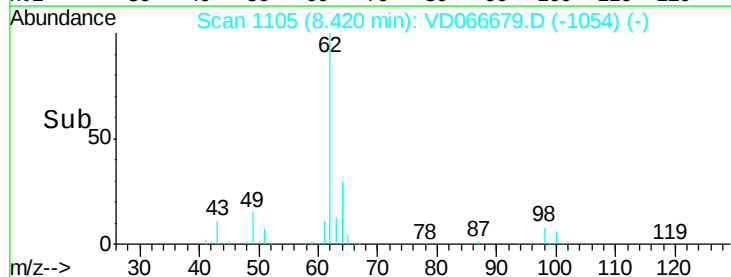
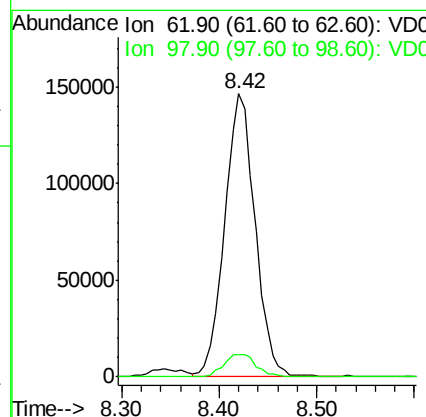
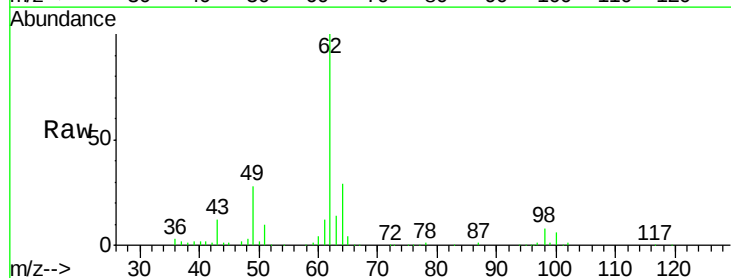
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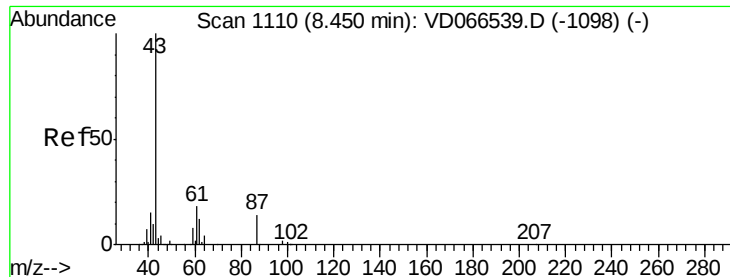
MMDadoda
9/15/2020 2:27:57 PM



#42
1,2-Dichloroethane
Concen: 53.806 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6





#43

Isopropyl Acetate

Concen: 57.544 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

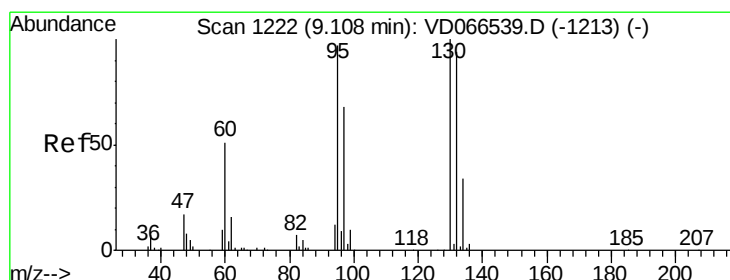
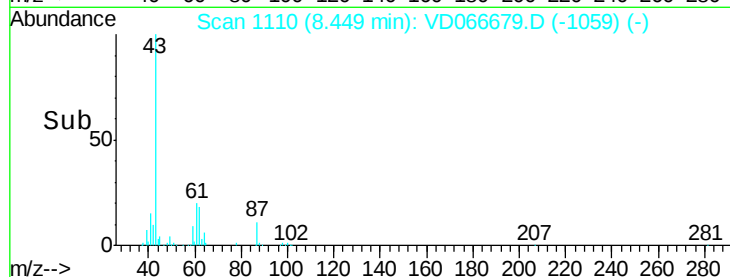
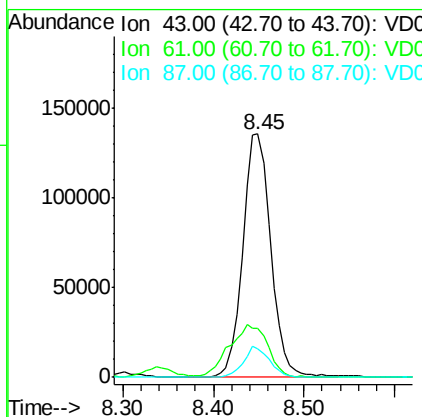
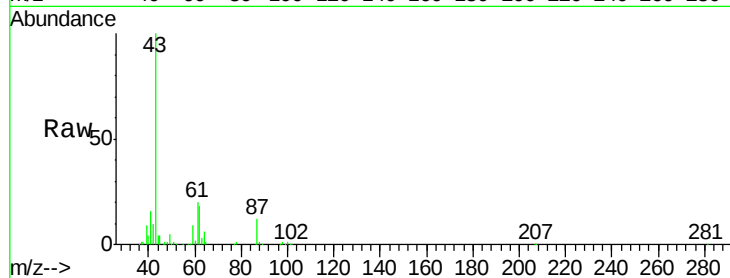
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	291189
Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.8	35.8
87	11.8	10.7	16.1

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9/15/2020 2:27:57 PM



#44

Trichloroethene

Concen: 54.183 ug/l

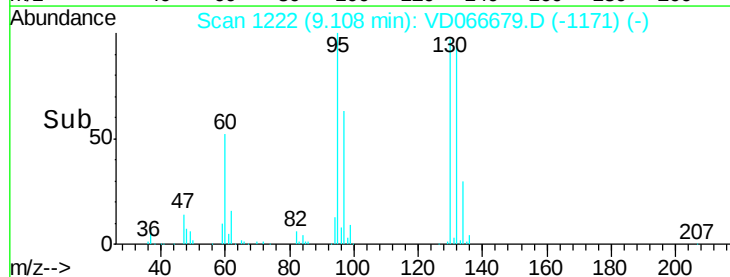
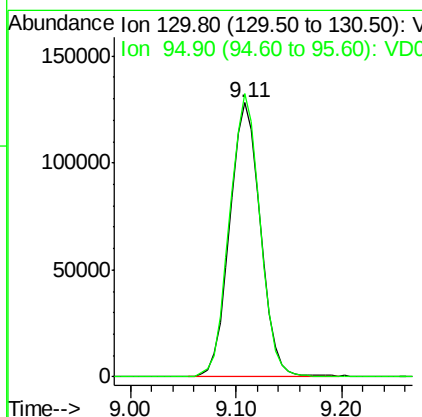
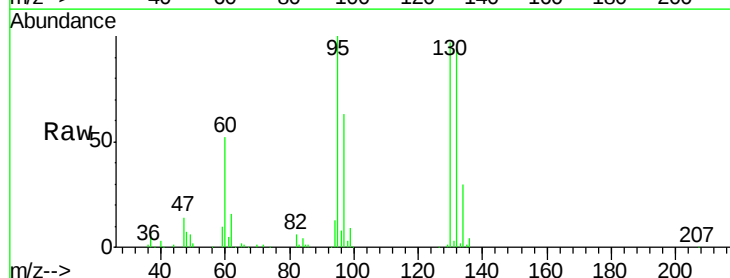
RT: 9.11 min Scan# 1222

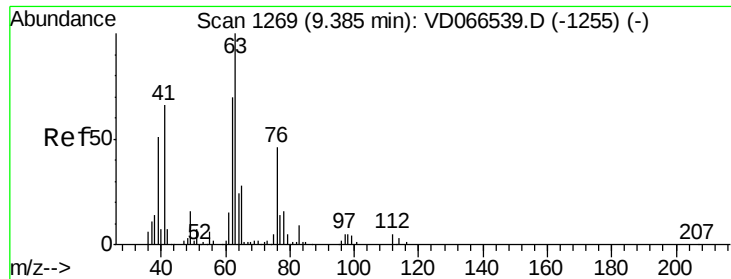
Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Tgt Ion:	130	Resp:	258126
Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	194.4





#45

1,2-Dichloropropane

Concen: 53.903 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 246190

Ion Ratio Lower Upper

63 100

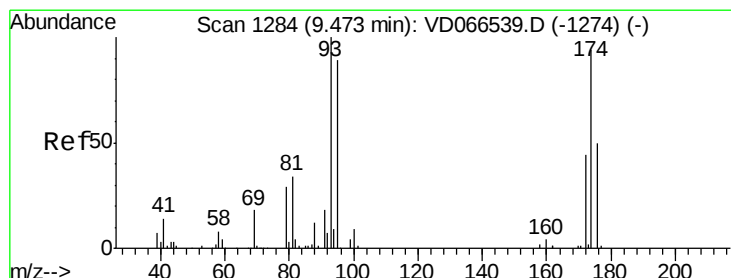
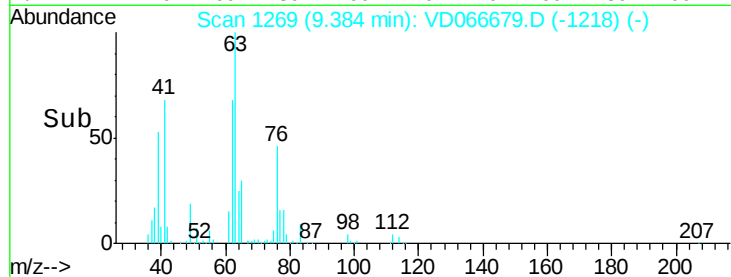
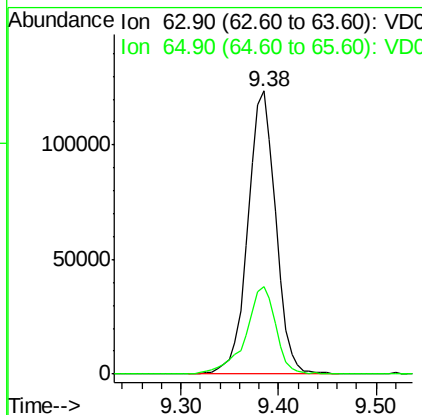
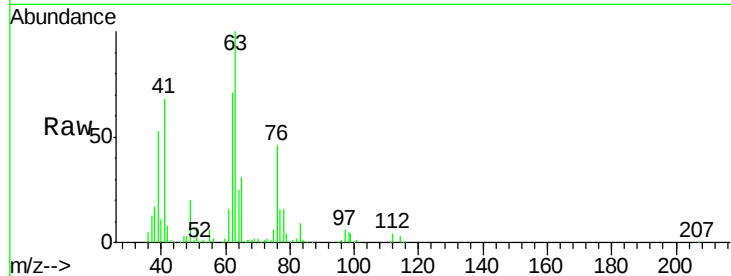
65 30.9 22.6 34.0

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#46

Dibromomethane

Concen: 53.670 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

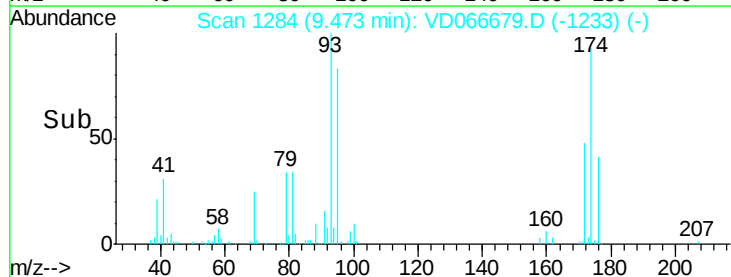
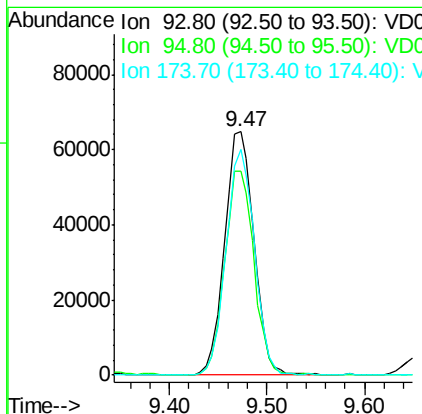
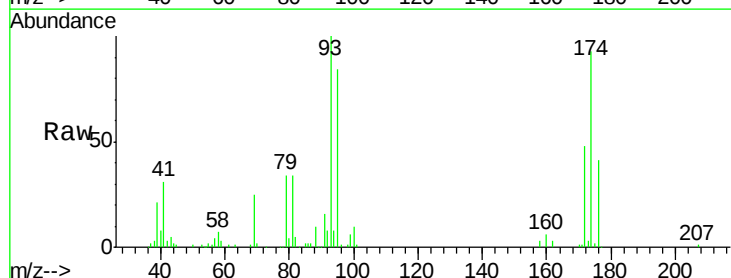
Tgt Ion: 93 Resp: 135238

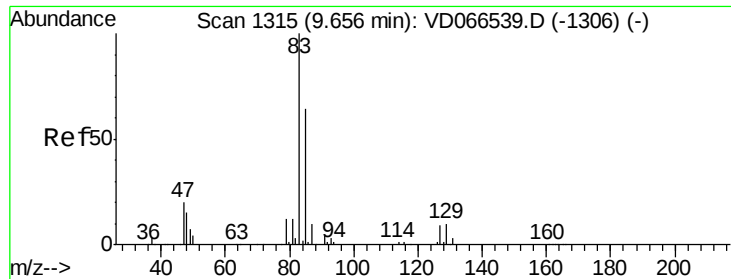
Ion Ratio Lower Upper

93 100

95 83.6 68.7 103.1

174 89.9 70.0 105.0





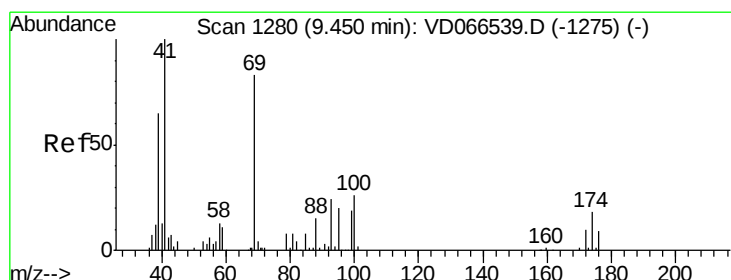
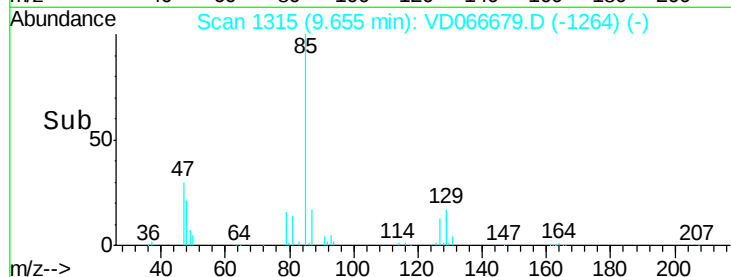
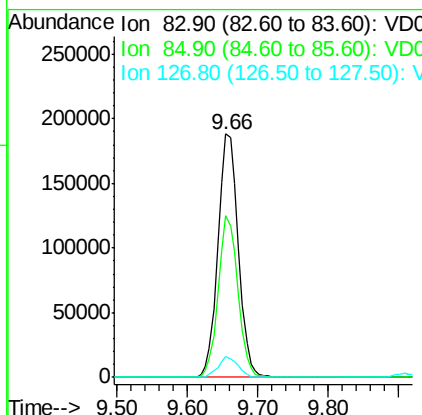
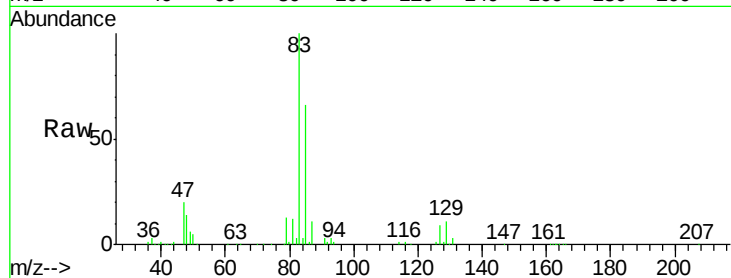
#47
Bromodichloromethane
Concen: 55.344 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	377305		
85	66.2		51.1	76.7
127	8.6		6.9	10.3

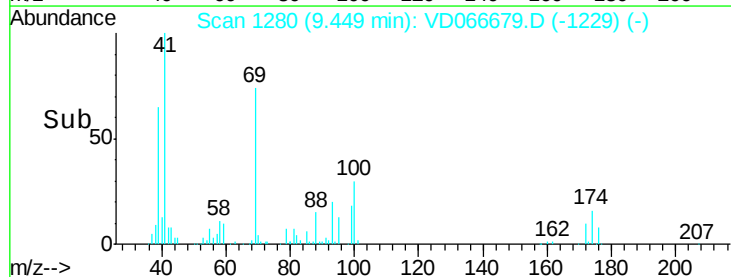
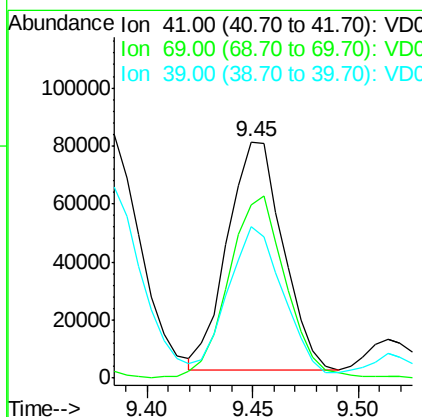
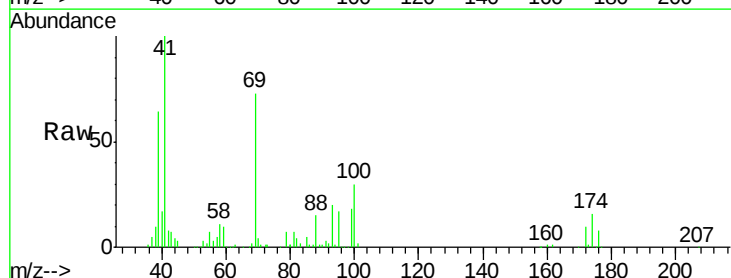
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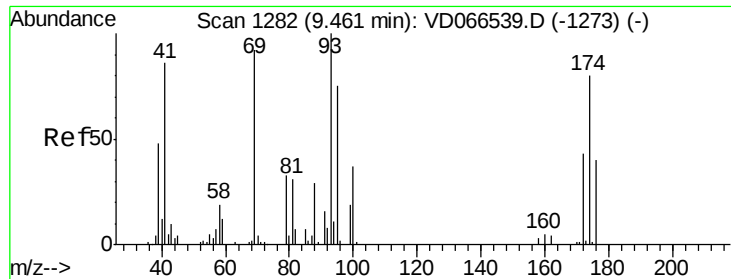
MMDadoda
9/15/2020 2:27:57 PM



#48
Methyl methacrylate
Concen: 56.014 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	143327		
69	82.0		64.5	96.7
39	62.2		46.6	69.8





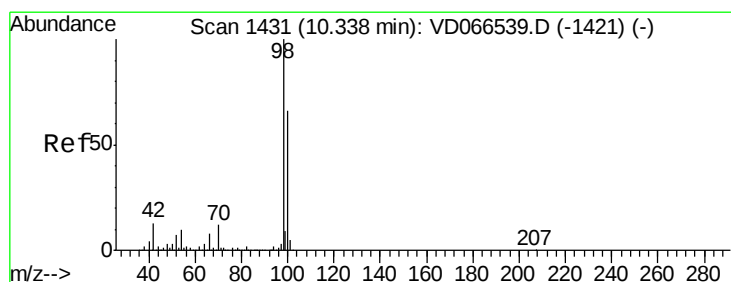
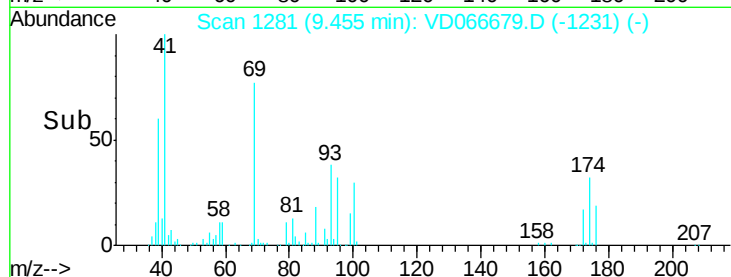
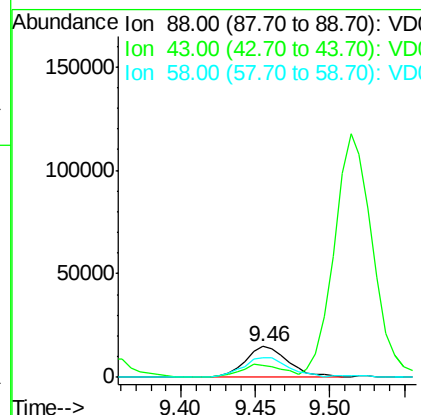
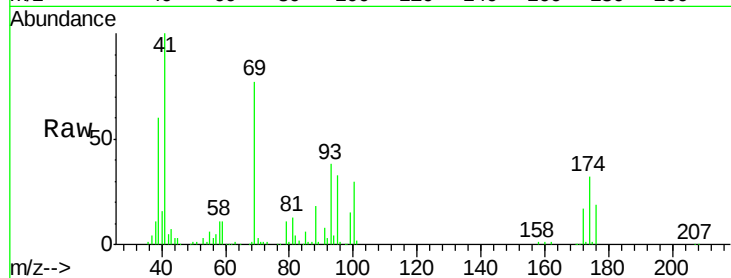
#49
1,4-Dioxane
Concen: 1074.826 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	29713		
43	42.7	28.3	42.5#	
58	70.4	56.1	84.1	

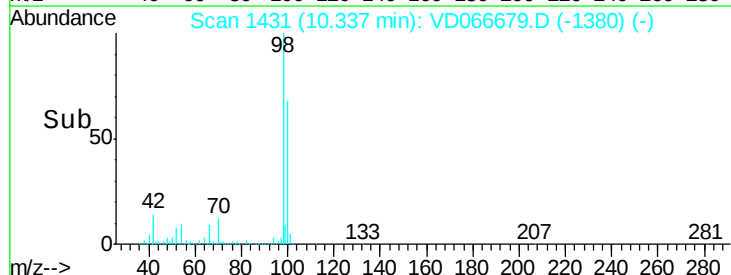
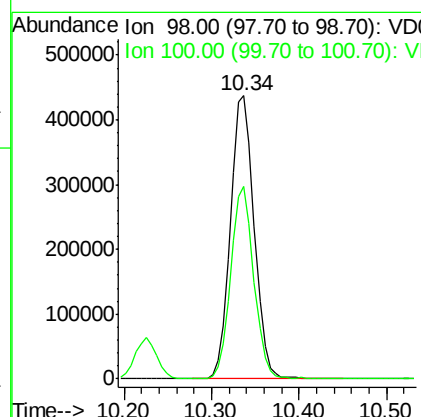
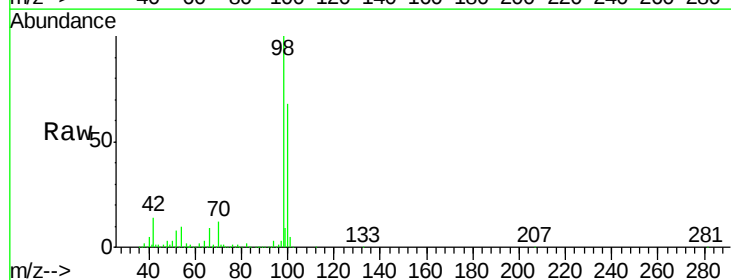
Manual Integrations
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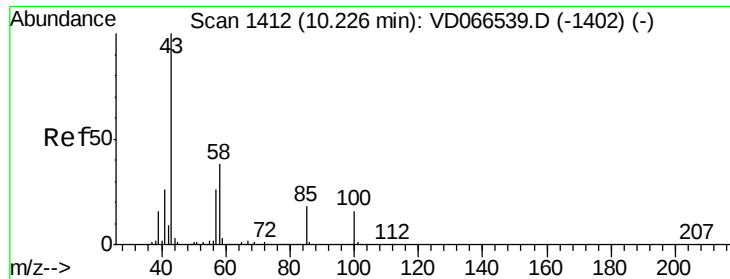
MMDadoda
9/15/2020 2:27:57 PM



#50
Toluene-d8
Concen: 52.796 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	811146		
100	66.1	52.9	79.3	





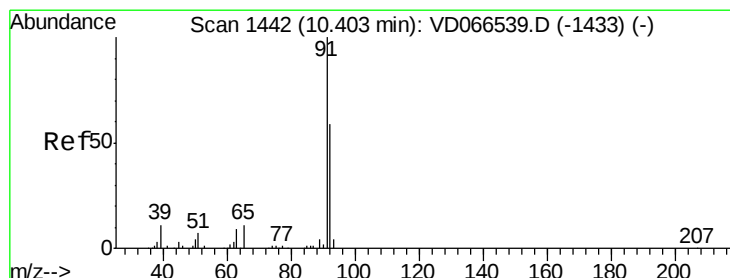
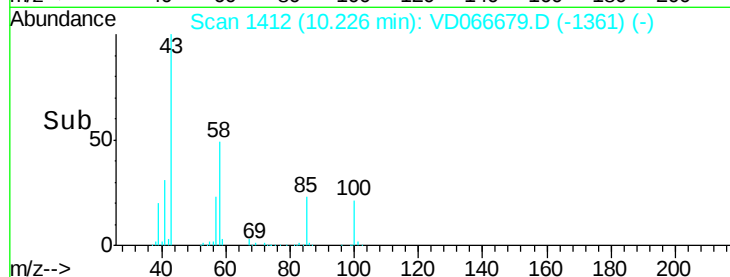
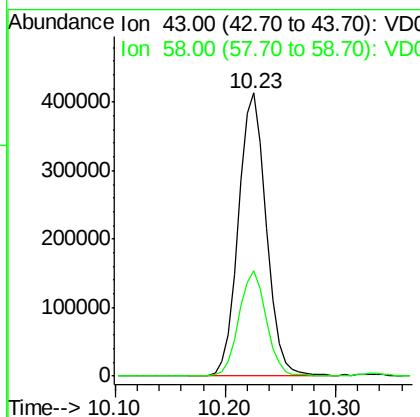
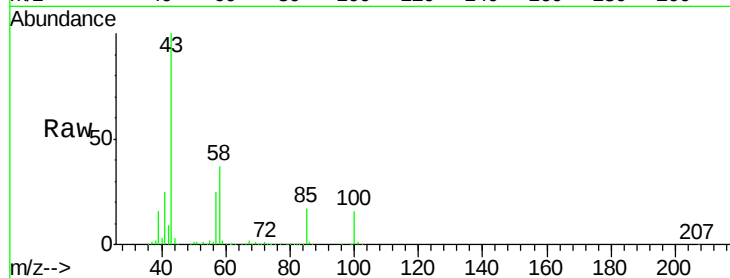
#51
4-Methyl-2-Pentanone
Concen: 288.897 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 737283
Ion Ratio Lower Upper
43 100
58 36.5 30.5 45.7

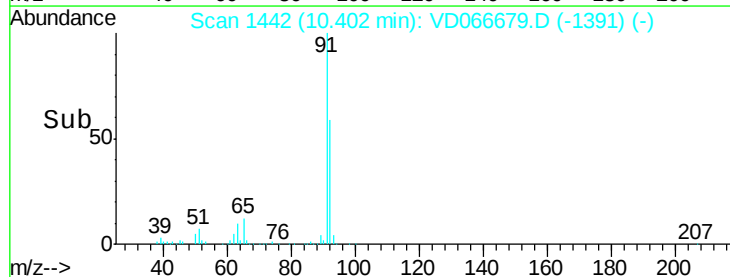
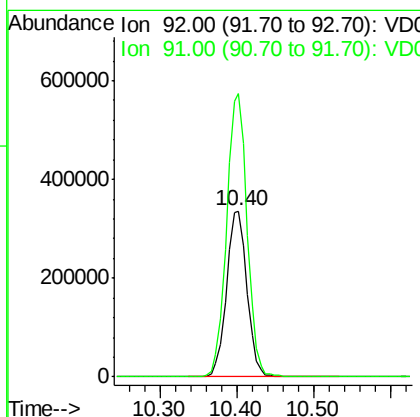
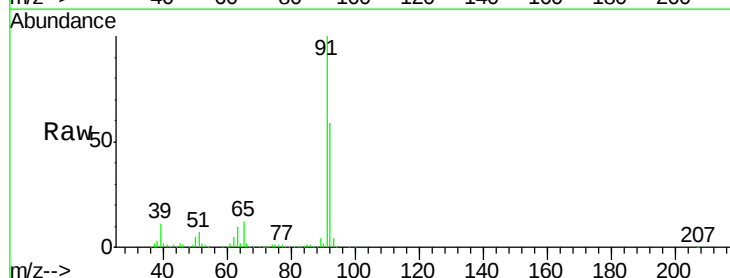
Manual Integrations
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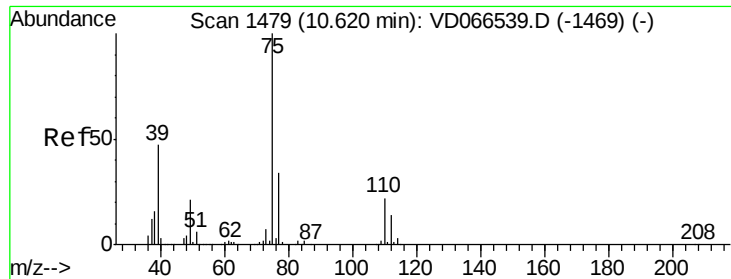
MMDadoda
9/15/2020 2:27:57 PM



#52
Toluene
Concen: 54.028 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion: 92 Resp: 621125
Ion Ratio Lower Upper
92 100
91 171.0 137.4 206.2





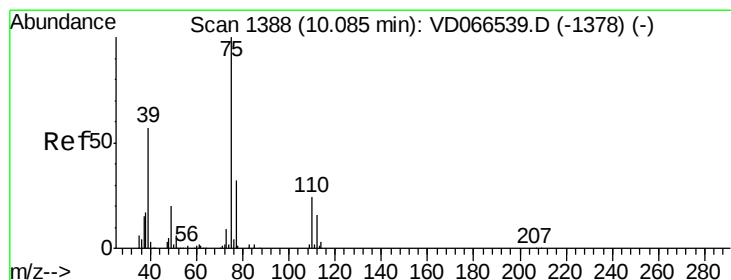
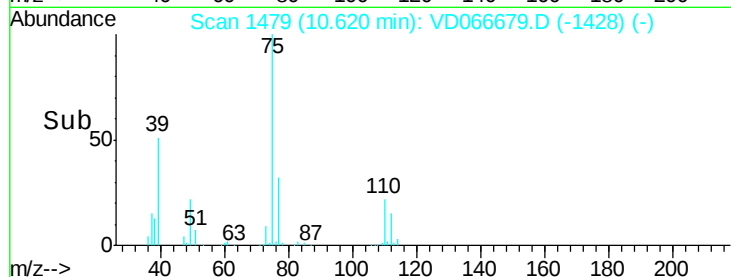
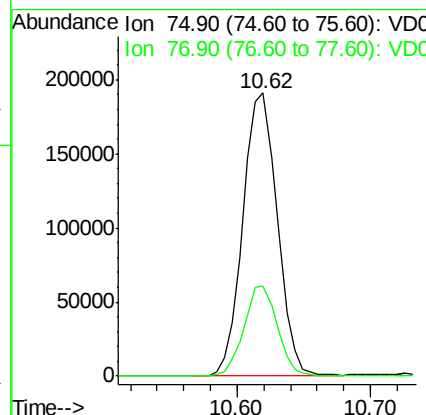
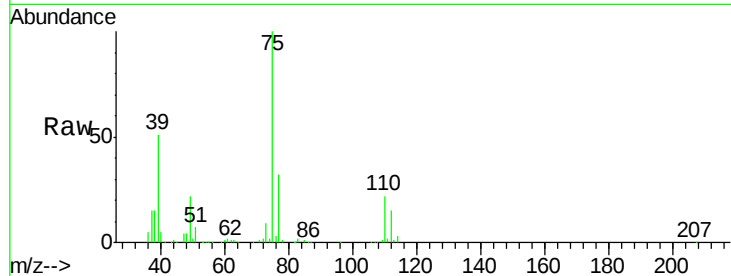
#53
 t-1,3-Dichloropropene
 Concen: 56.710 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 341296
 Ion Ratio Lower Upper
 75 100
 77 31.8 27.4 41.2

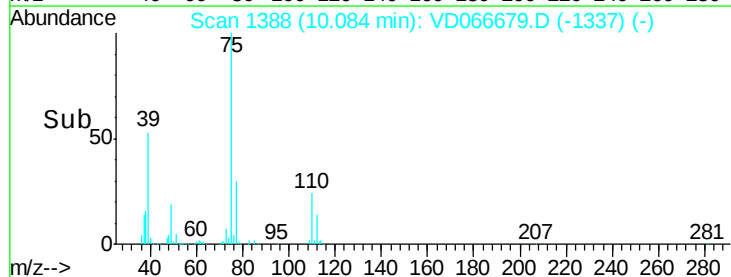
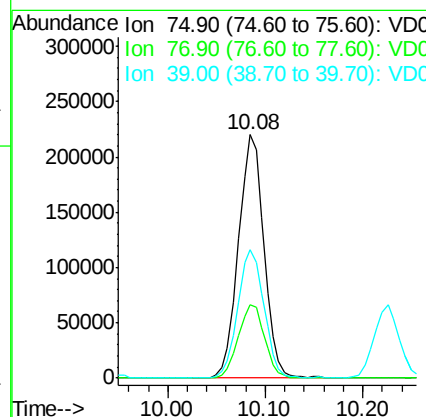
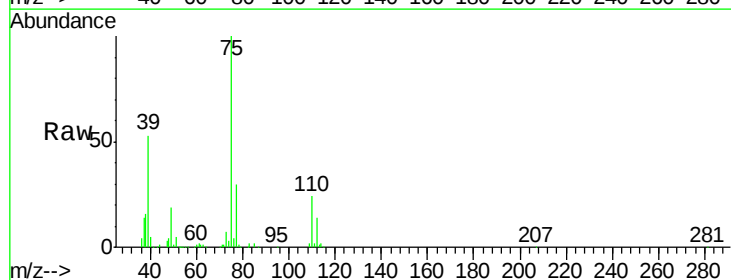
Manual Integrations
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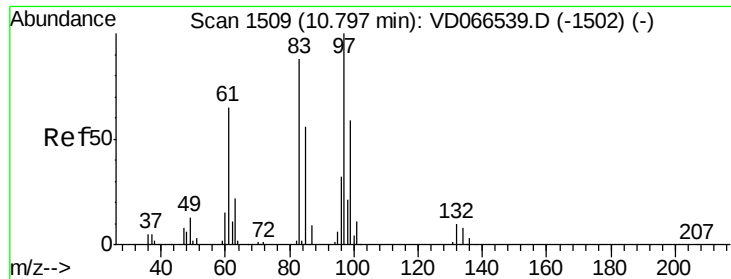
MMDadoda
 9/15/2020 2:27:57 PM



#54
 cis-1,3-Dichloropropene
 Concen: 55.450 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Tgt Ion: 75 Resp: 400749
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0
 39 52.6 45.4 68.0





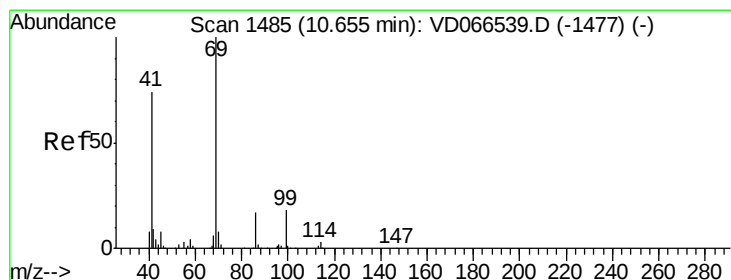
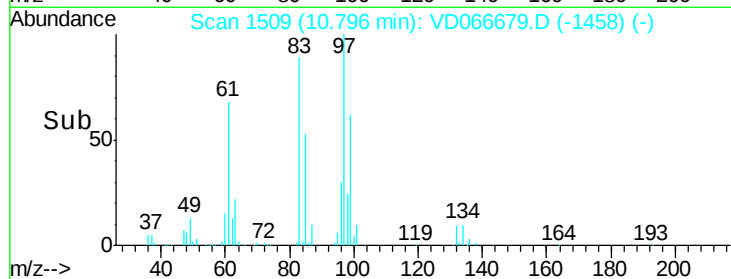
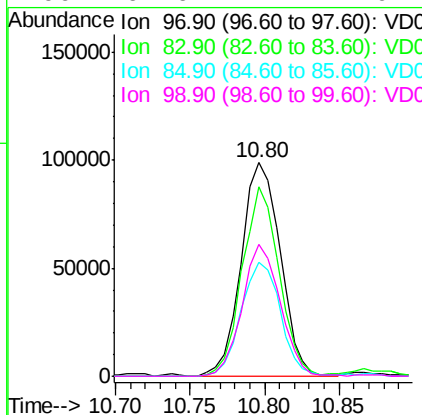
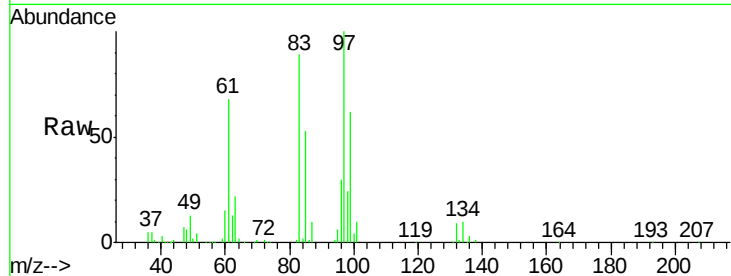
#55
 1,1,2-Trichloroethane
 Concen: 55.294 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	179146
Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.1	105.1
85	53.3	44.5	66.7
99	61.6	47.1	70.7

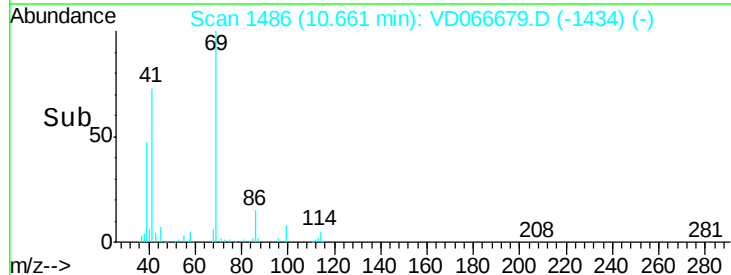
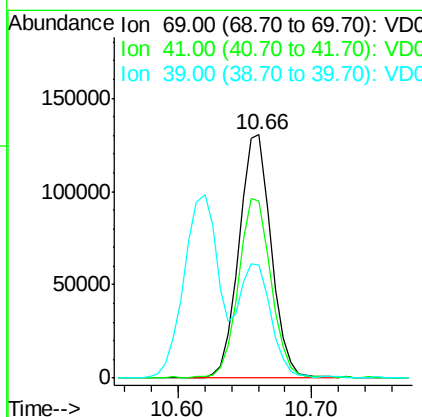
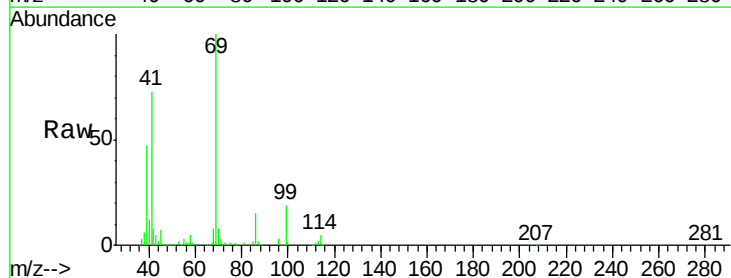
Manual Integrations
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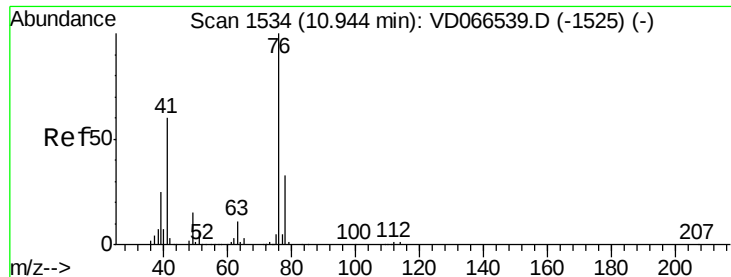
MMDadoda
 9/15/2020 2:27:57 PM



#56
 Ethyl methacrylate
 Concen: 57.734 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Tgt Ion:	69	Resp:	217790
Ion	Ratio	Lower	Upper
69	100		
41	73.6	56.8	85.2
39	46.3	30.6	46.0#





#57

1,3-Dichloropropane

Concen: 54.370 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 308545

Ion Ratio Lower Upper

76 100

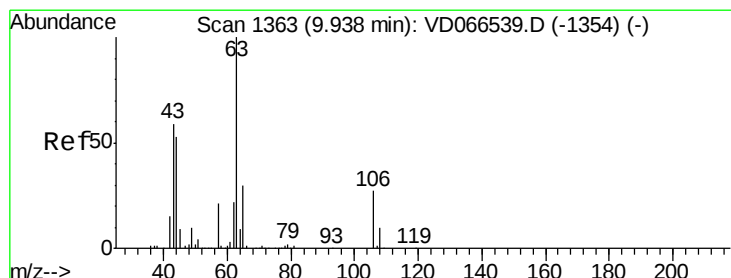
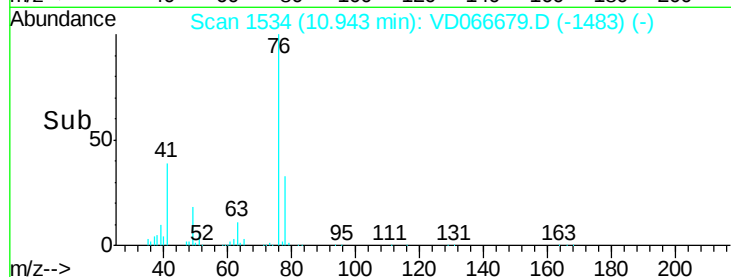
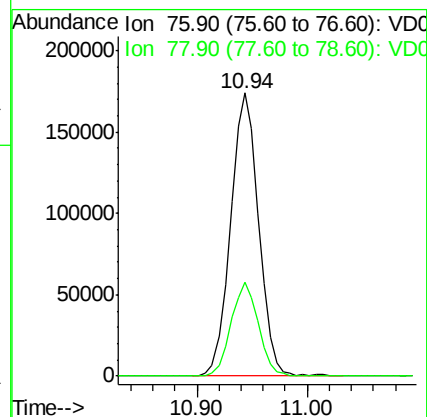
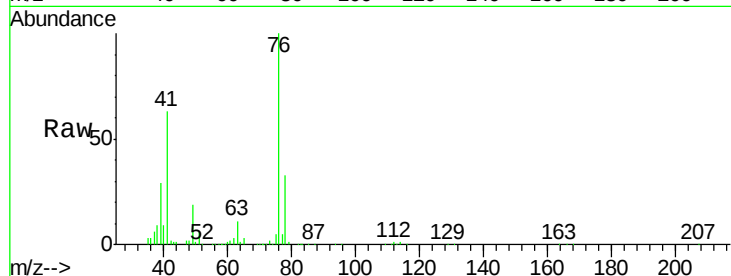
78 32.5 25.8 38.8

Manual Integrations

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MMDadoda

9/15/2020 2:27:57 PM



#58

2-Chloroethyl Vinyl ether

Concen: 260.306 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066679.D

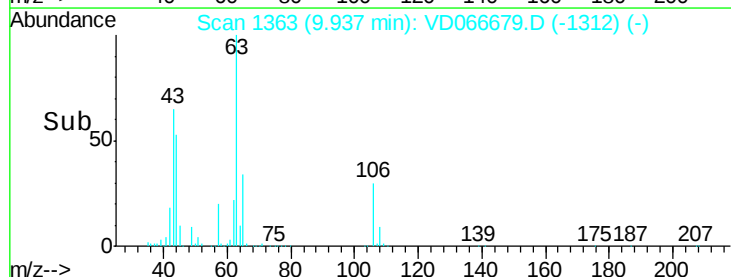
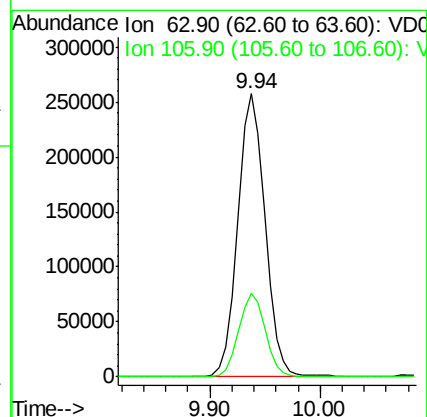
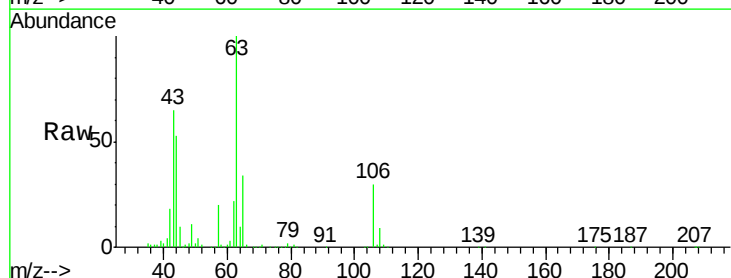
Acq: 14 Sep 2020 18:48

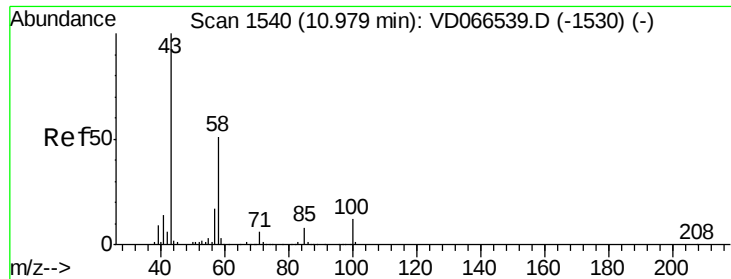
Tgt Ion: 63 Resp: 449141

Ion Ratio Lower Upper

63 100

106 28.9 22.0 33.0





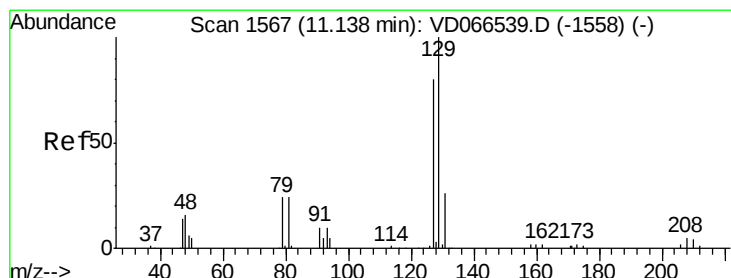
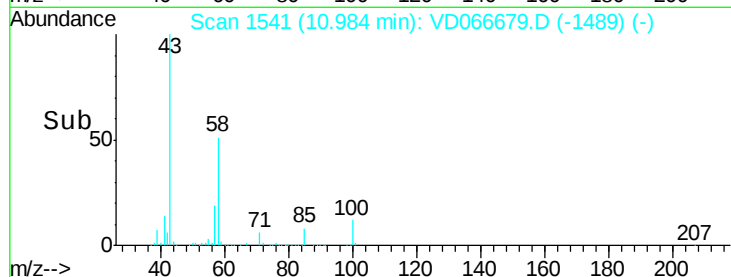
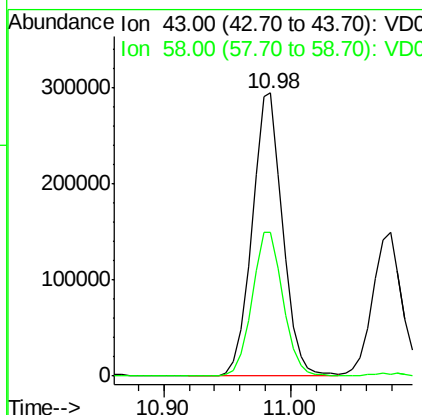
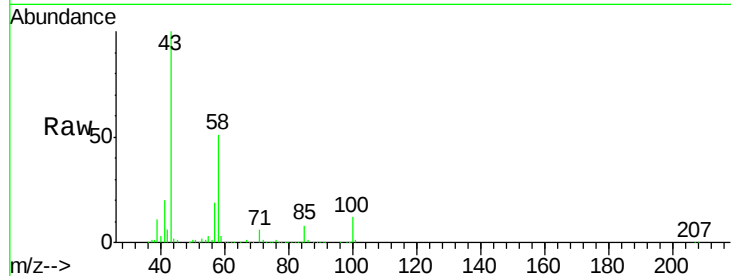
#59
2-Hexanone
Concen: 288.393 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 494943
Ion Ratio Lower Upper
43 100
58 51.6 25.6 76.8

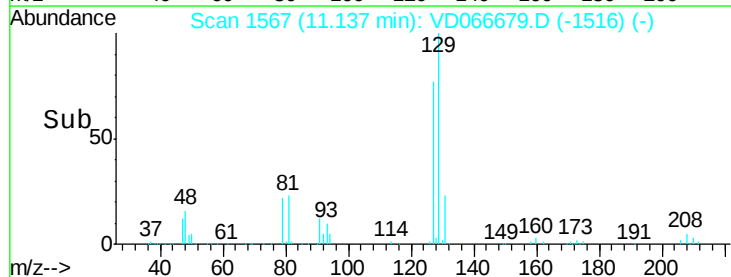
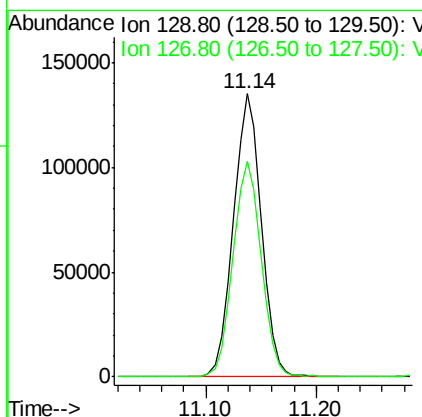
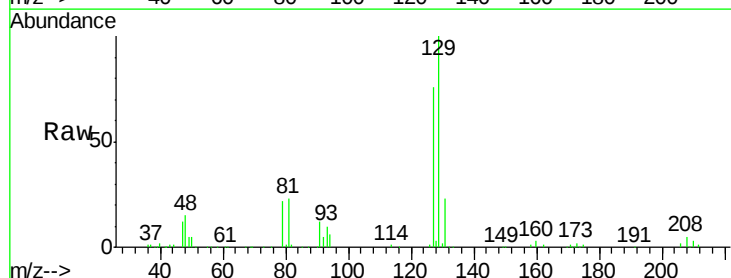
Manual Integrations
APPROVED

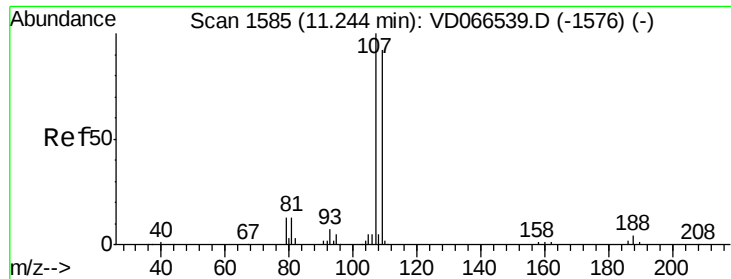
MMDadoda
9/15/2020 2:27:57 PM



#60
Dibromochloromethane
Concen: 56.083 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion: 129 Resp: 240277
Ion Ratio Lower Upper
129 100
127 77.1 39.5 118.3





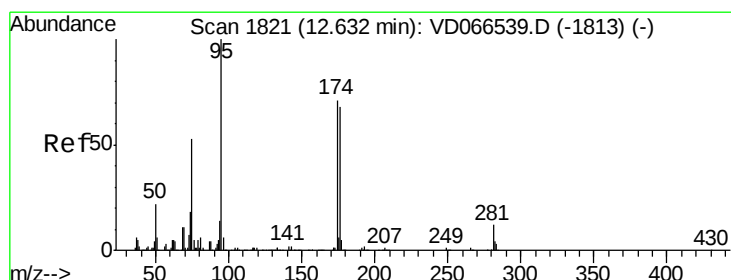
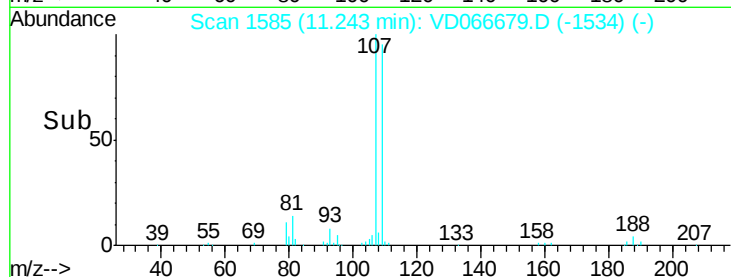
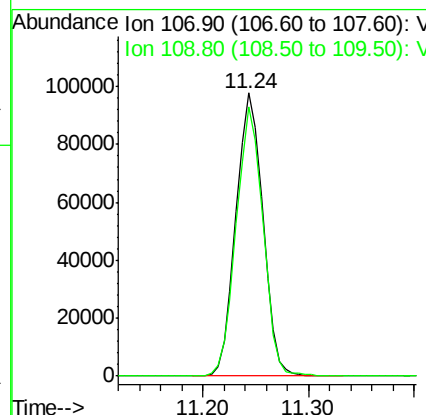
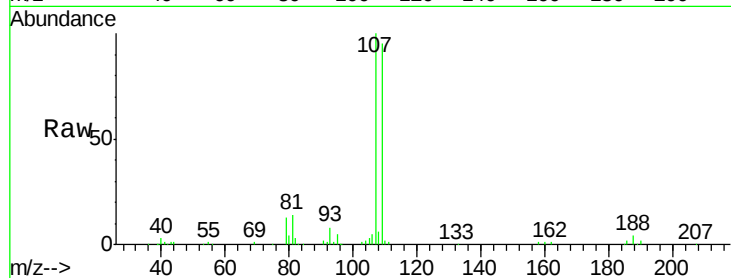
#61
 1,2-Dibromoethane
 Concen: 54.769 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	74.4	111.6

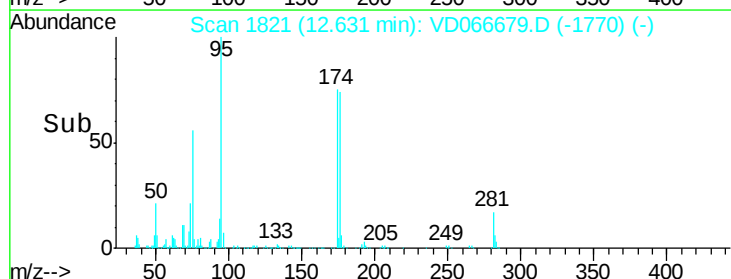
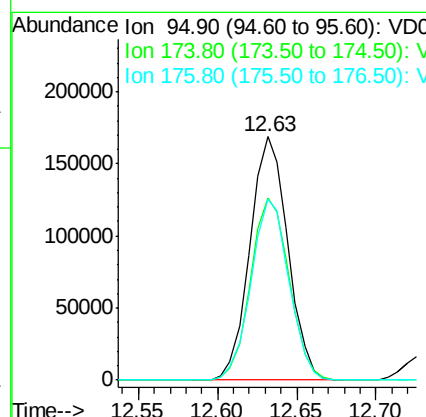
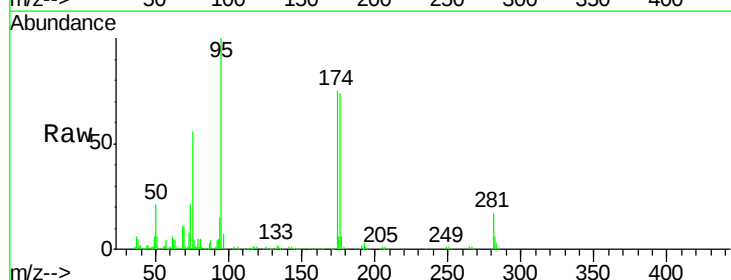
Manual Integrations
 APPROVED

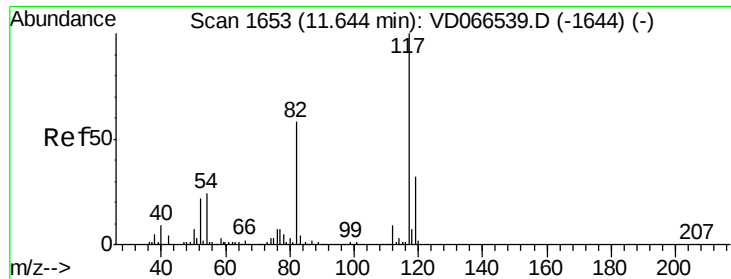
MMDadoda
 9/15/2020 2:27:57 PM



#62
 4-Bromofluorobenzene
 Concen: 55.048 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	155.8
176	74.3	0.0	148.6





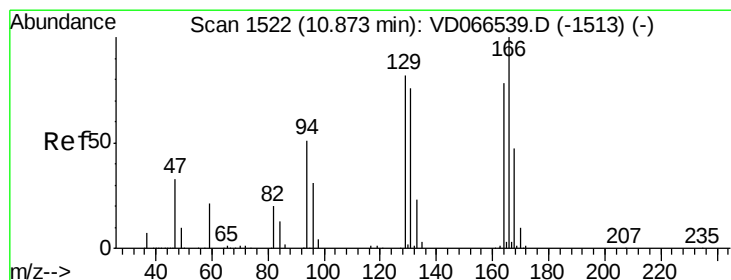
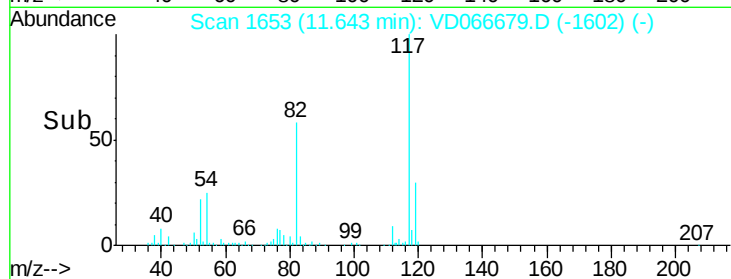
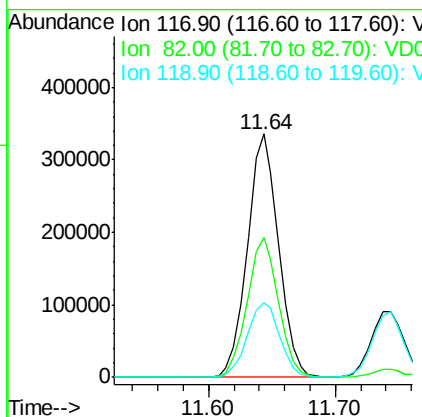
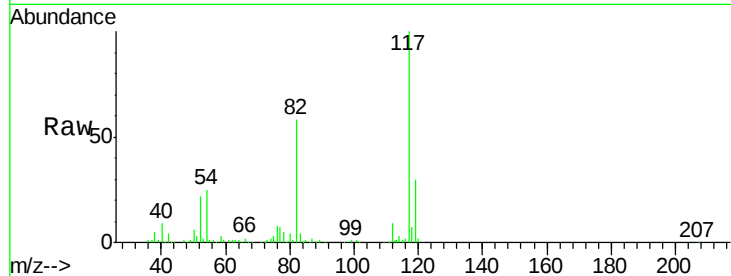
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.2	69.2
119	30.5	25.8	38.8

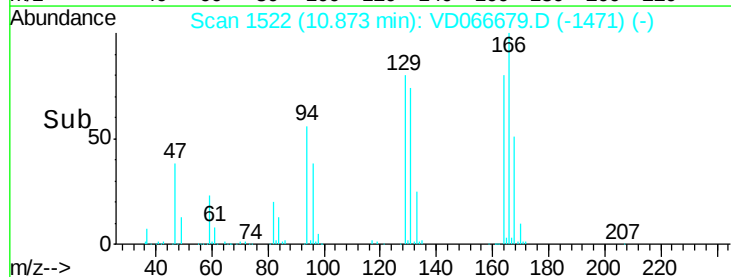
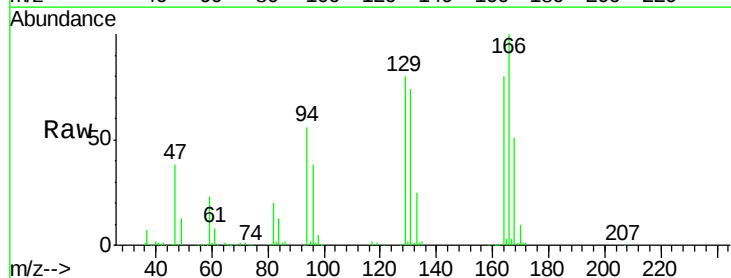
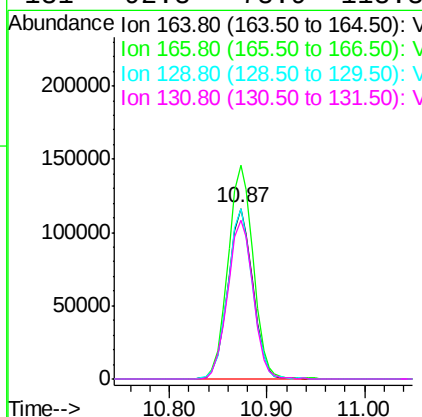
Manual Integrations
APPROVED

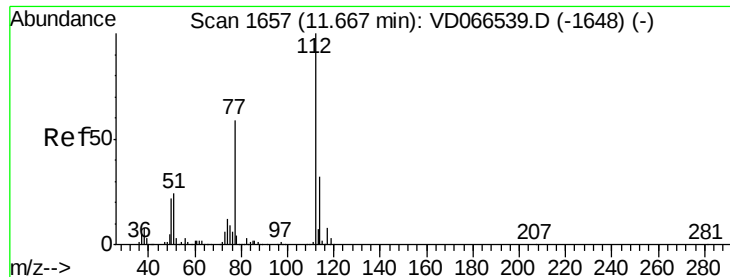
MMDadoda
9/15/2020 2:27:57 PM



#64
Tetrachloroethene
Concen: 53.268 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	103.2	154.8
129	99.9	84.5	126.7
131	92.8	78.9	118.3





#65

Chlorobenzene

Concen: 53.902 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 638703

Ion Ratio Lower Upper

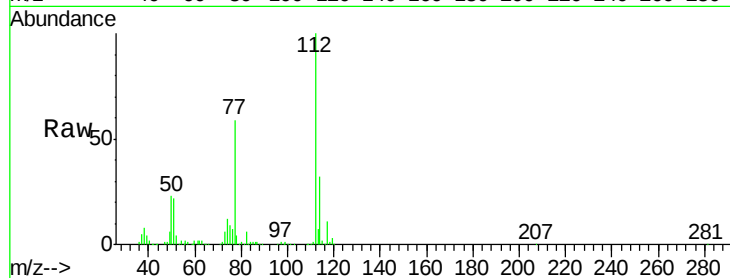
112 100

114 31.7 25.7 38.5

Manual Integrations
APPROVED

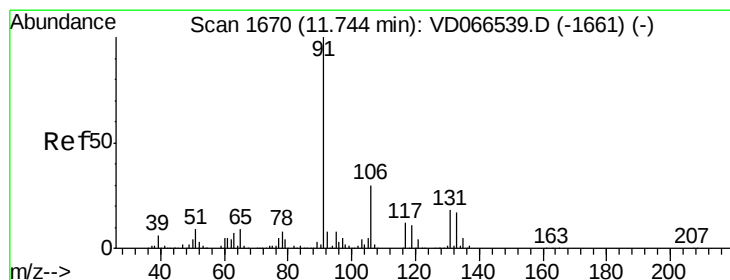
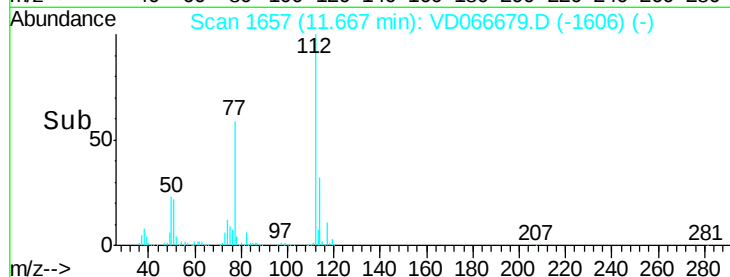
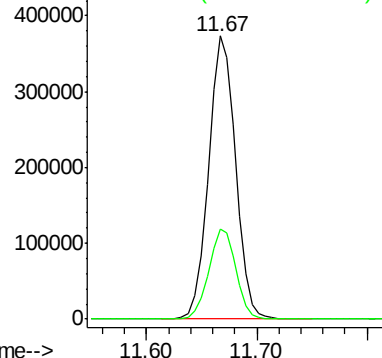
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.164 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

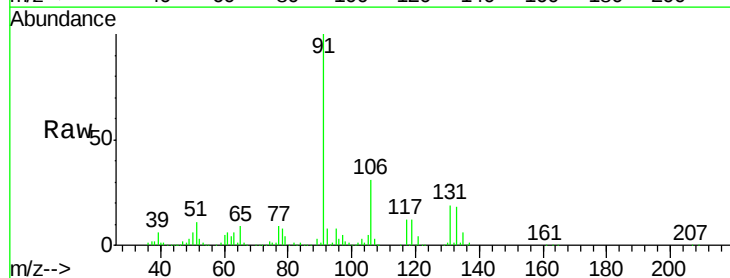
Tgt Ion:131 Resp: 249470

Ion Ratio Lower Upper

131 100

133 95.9 46.7 140.0

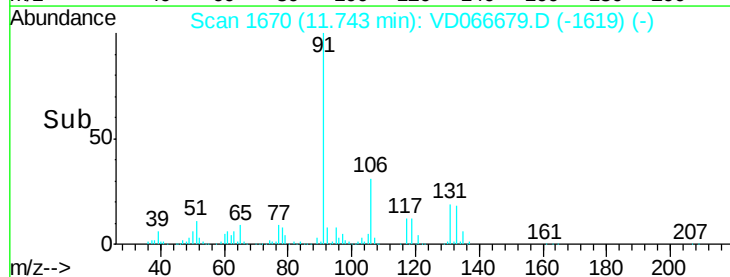
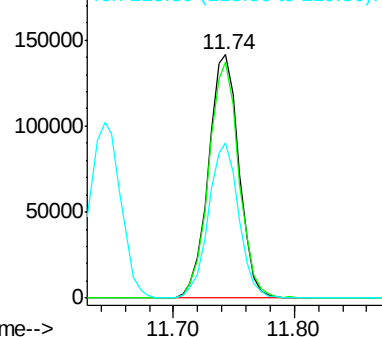
119 63.3 31.9 95.7

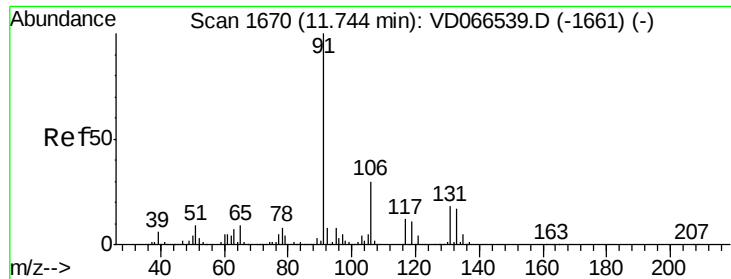


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





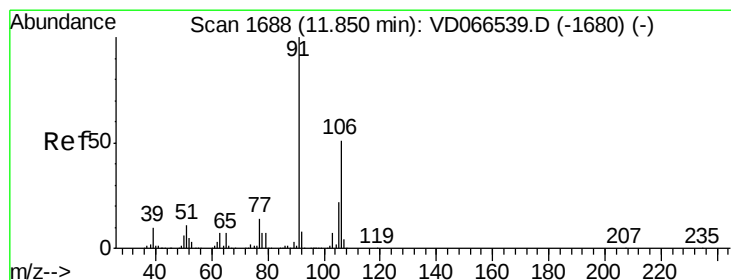
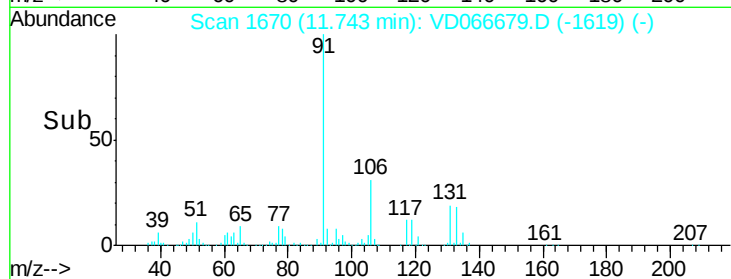
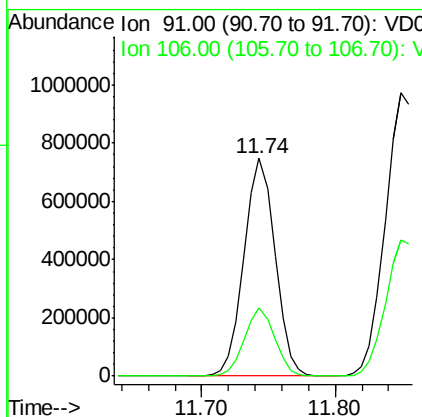
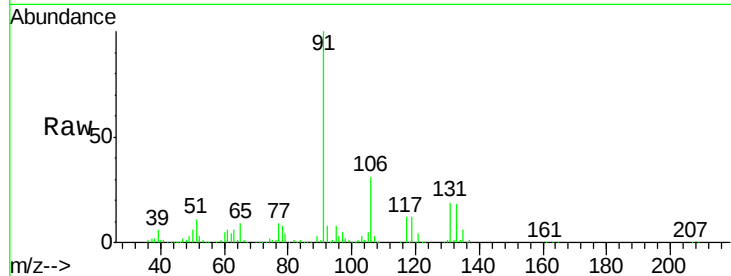
#67
Ethyl Benzene
Concen: 55.370 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1204706
Ion Ratio Lower Upper
91 100
106 31.4 24.3 36.5

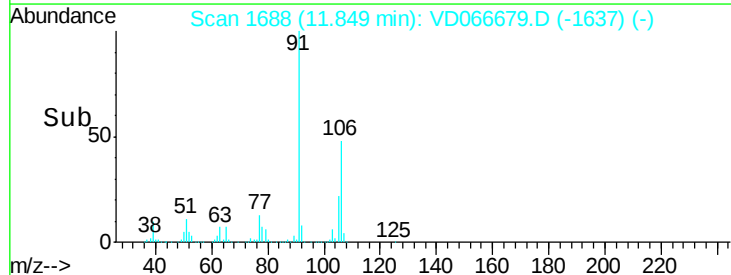
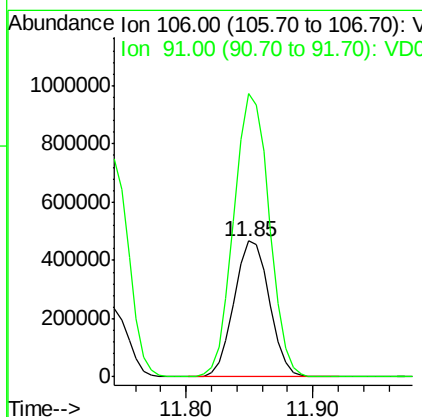
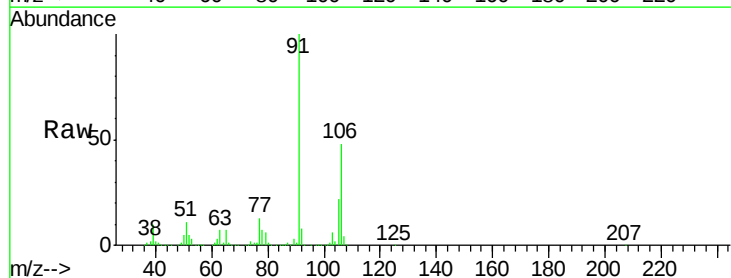
Manual Integrations
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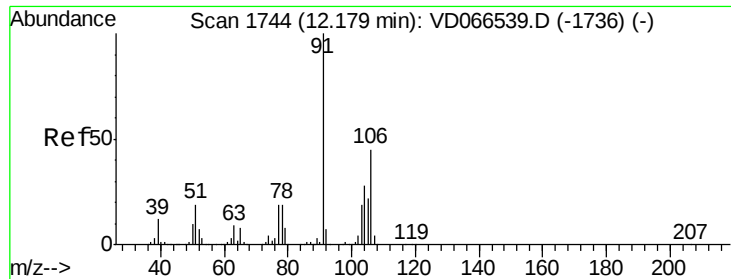
MMDadoda
9/15/2020 2:27:57 PM



#68
m/p-Xylenes
Concen: 111.765 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion: 106 Resp: 902919
Ion Ratio Lower Upper
106 100
91 208.8 162.4 243.6





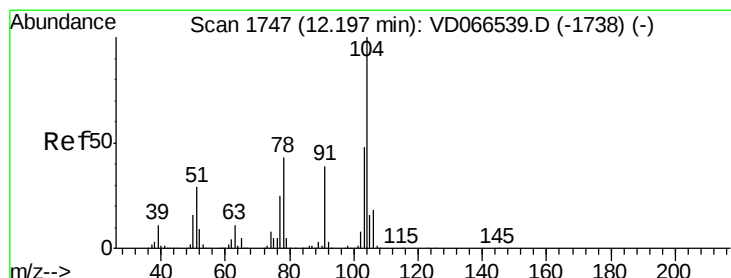
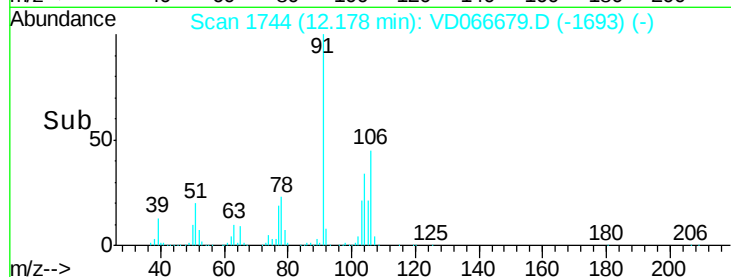
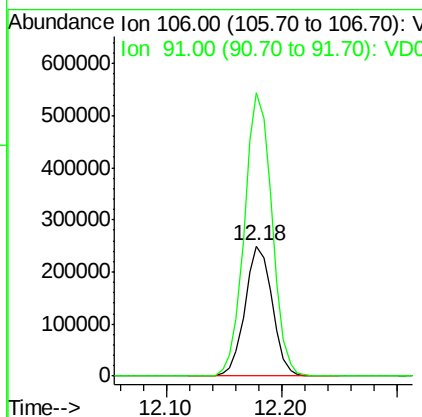
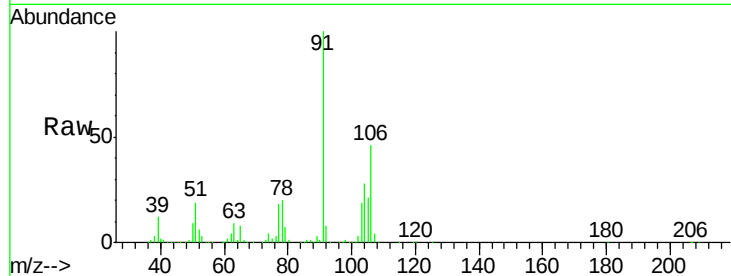
#69
o-Xylene
Concen: 56.539 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 409349
Ion Ratio Lower Upper
106 100
91 219.7 107.9 323.8

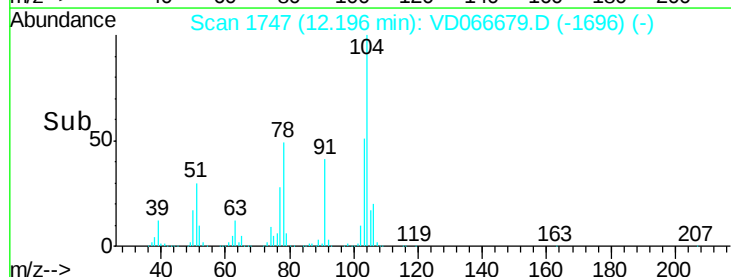
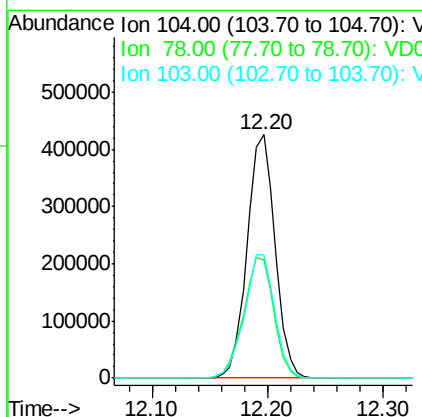
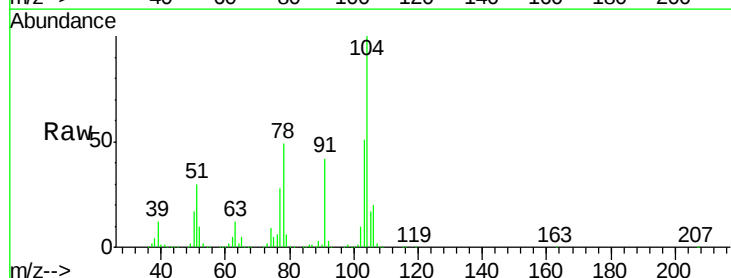
Manual Integrations
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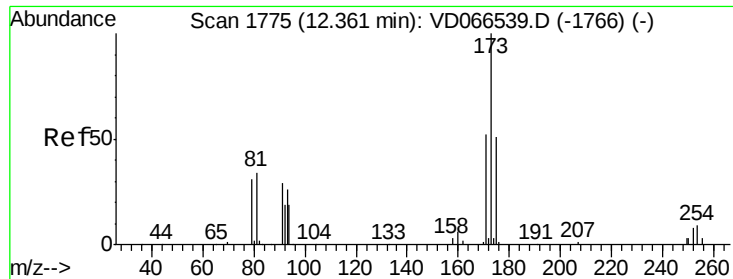
MMDadoda
9/15/2020 2:27:57 PM



#70
Styrene
Concen: 57.035 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion:104 Resp: 717897
Ion Ratio Lower Upper
104 100
78 53.8 40.7 61.1
103 54.6 42.9 64.3





#71

Bromoform

Concen: 56.012 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 127658

Ion Ratio Lower Upper

173 100

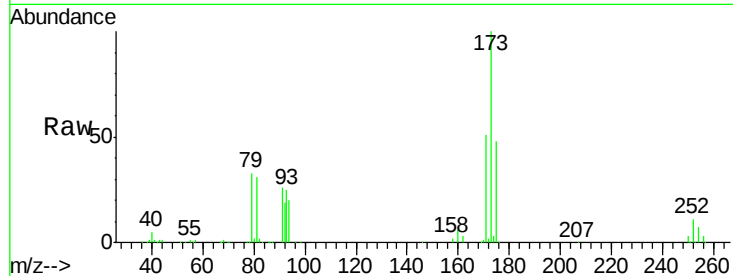
175 49.1 24.2 72.6

254 0.0 0.0 0.0

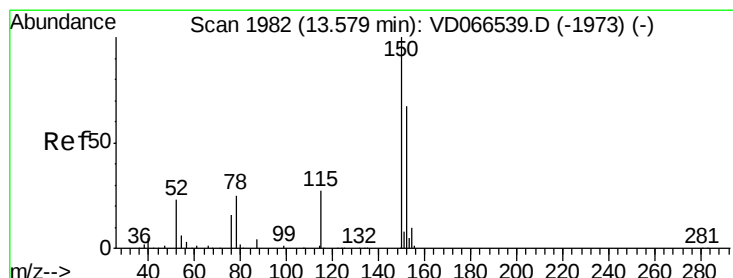
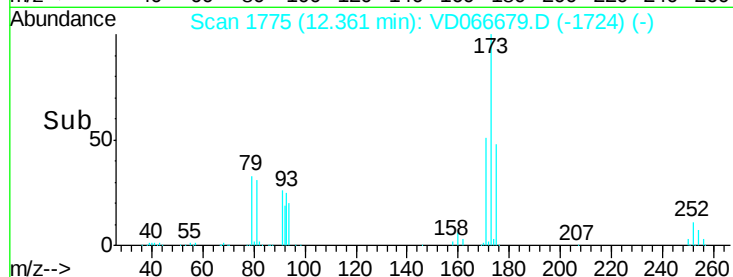
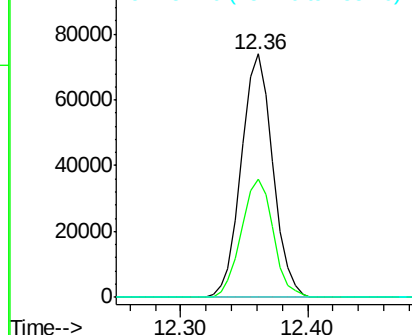
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

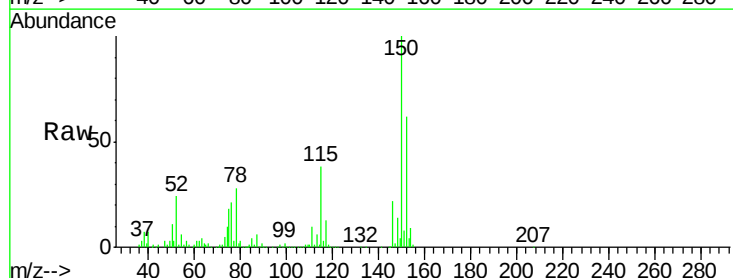
Tgt Ion:152 Resp: 271300

Ion Ratio Lower Upper

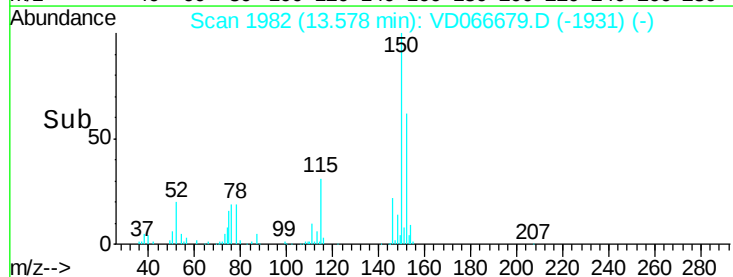
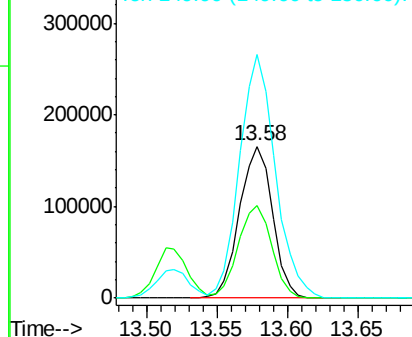
152 100

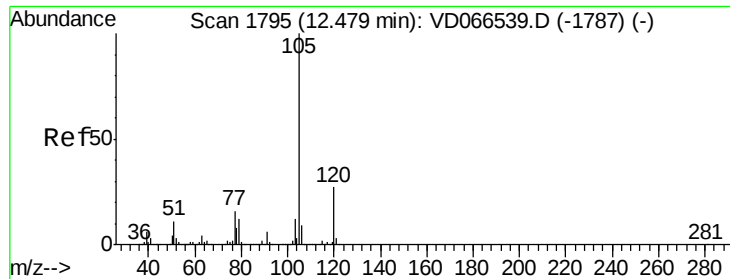
115 62.0 30.4 91.2

150 173.6 0.0 345.8



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





#73

Isopropylbenzene

Concen: 57.924 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1163507

Ion Ratio Lower Upper

105 100

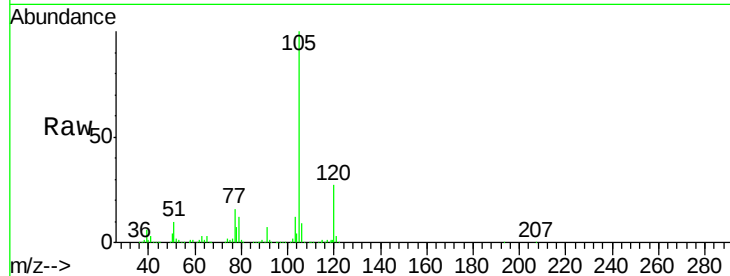
120 26.1 13.0 39.0

Manual Integrations

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MMDadoda

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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

800000

600000

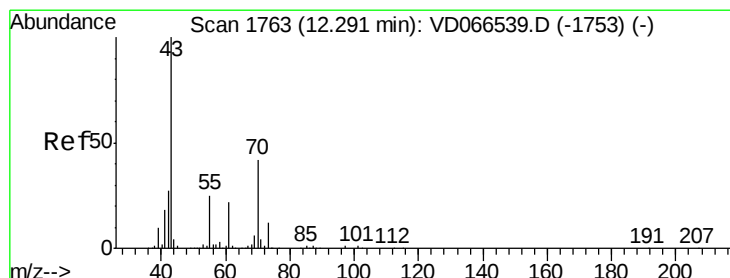
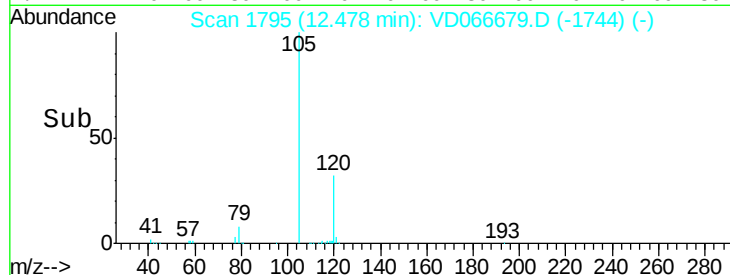
400000

200000

0

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 57.584 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Tgt Ion: 43 Resp: 261973

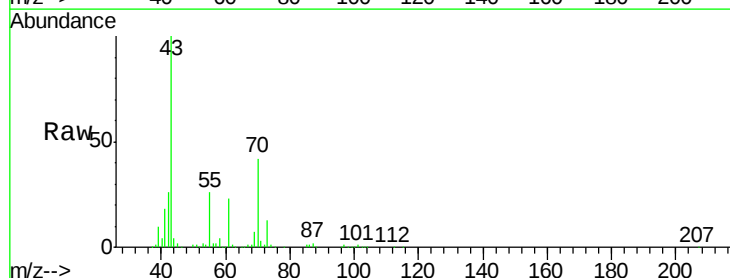
Ion Ratio Lower Upper

43 100

70 41.1 33.4 50.2

55 25.3 20.1 30.1

61 22.8 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

12.29

250000

200000

150000

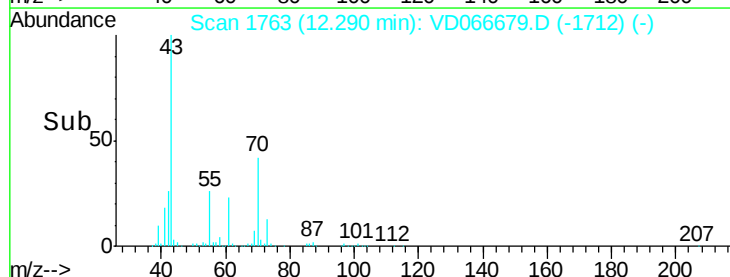
100000

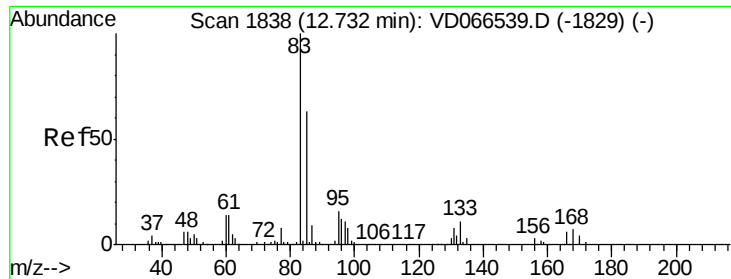
50000

0

12.20 12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.286 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

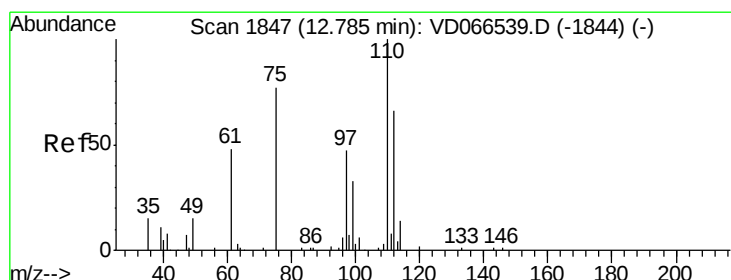
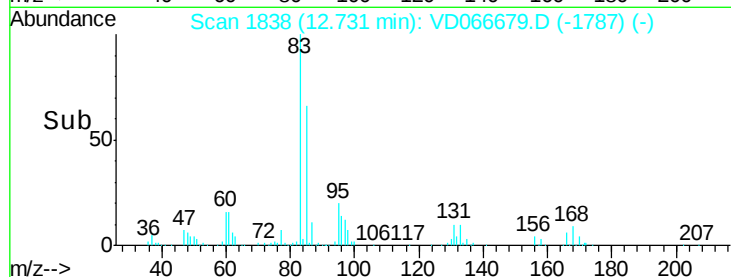
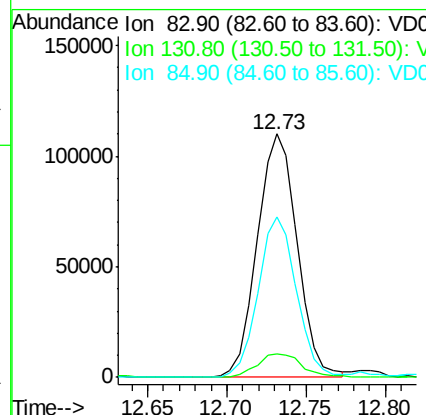
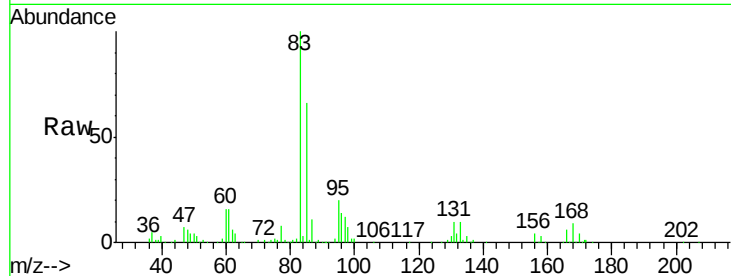
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	192644
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.0	15.0
85	63.2	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 49.858 ug/l m

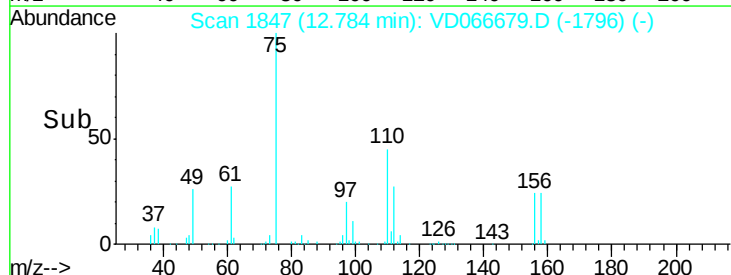
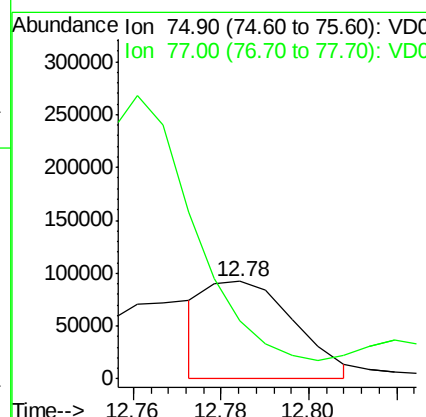
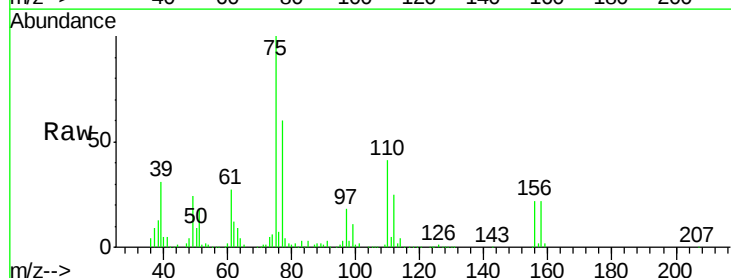
RT: 12.78 min Scan# 1847

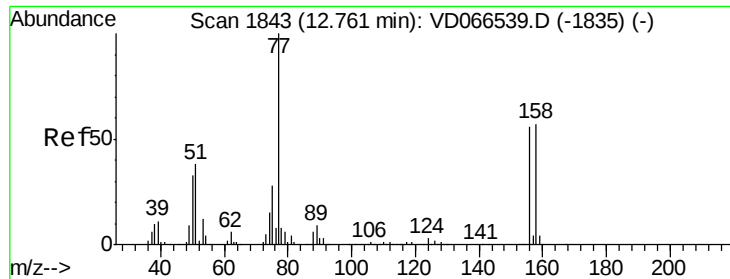
Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Tgt Ion:	75	Resp:	130089
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 56.339 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

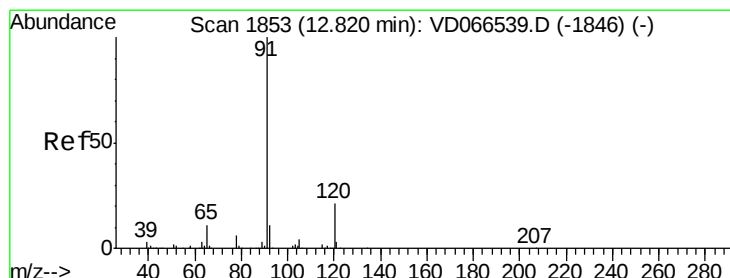
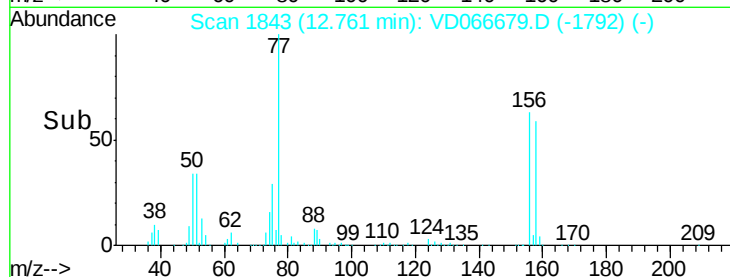
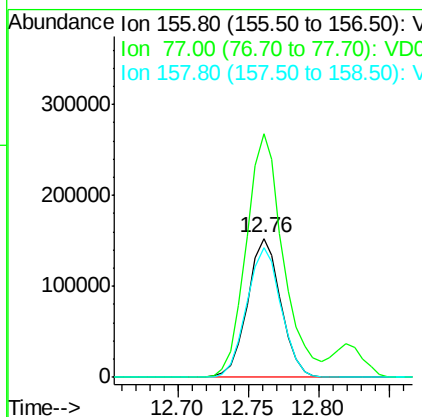
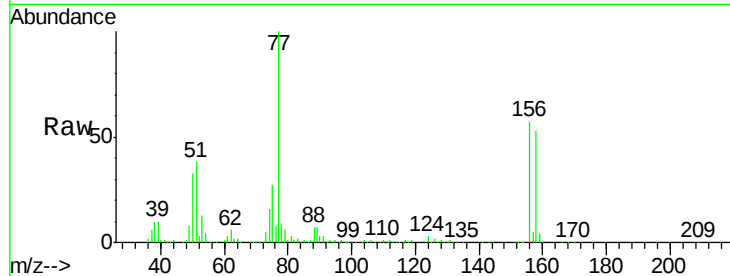
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	252299
Ion Ratio	Lower	Upper	
156	100		
77	195.3	98.0	294.1
158	96.3	48.1	144.3

Manual Integrations
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#78

n-propylbenzene

Concen: 57.251 ug/l

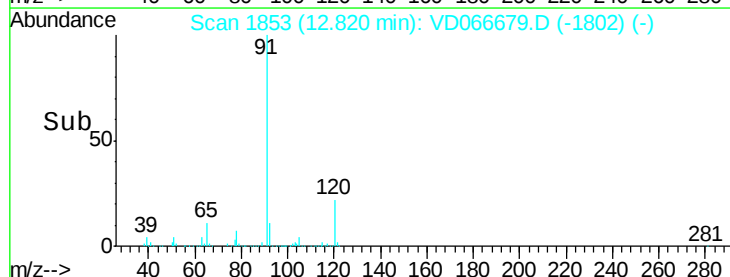
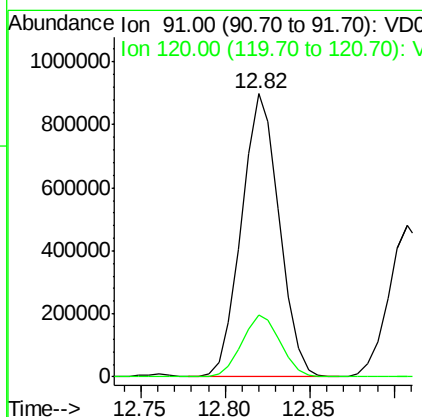
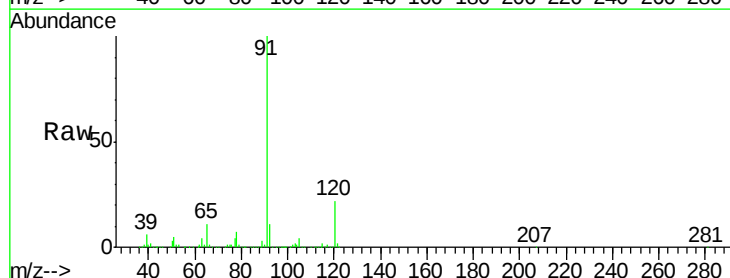
RT: 12.82 min Scan# 1853

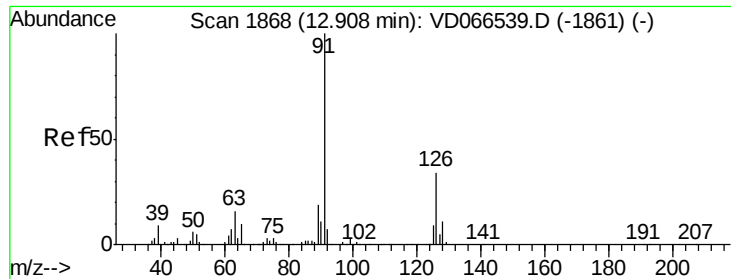
Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Tgt Ion:	91	Resp:	1394067
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.1	33.1





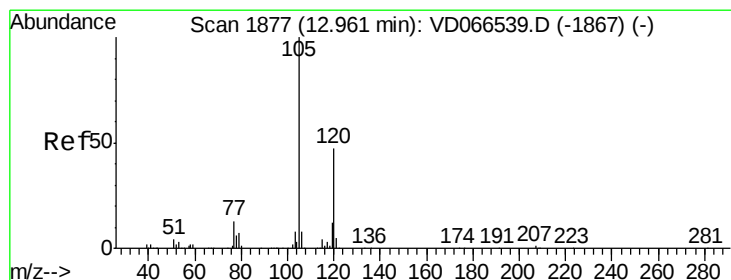
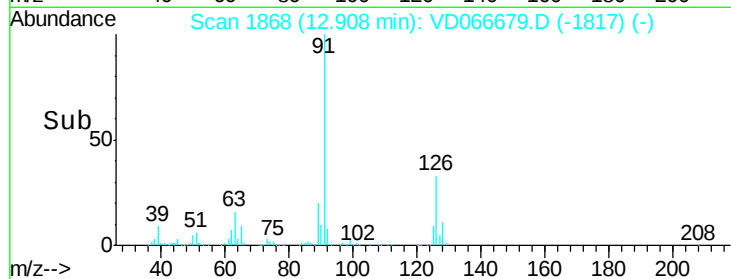
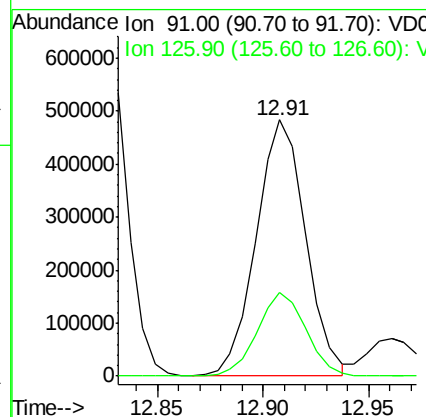
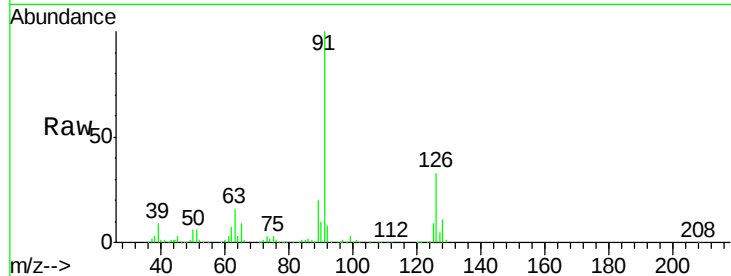
#79
2-Chlorotoluene
Concen: 57.470 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 785066
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4

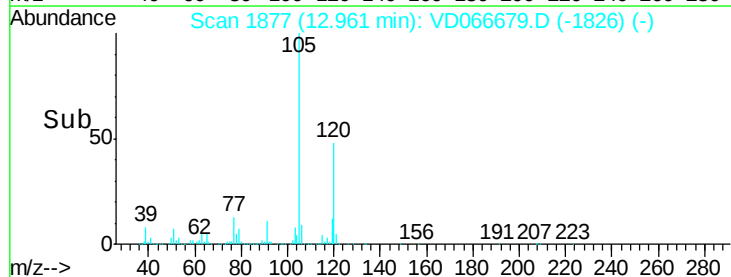
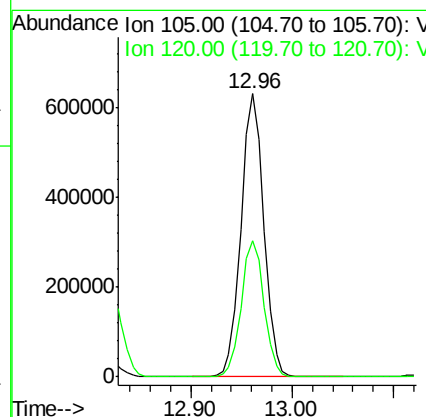
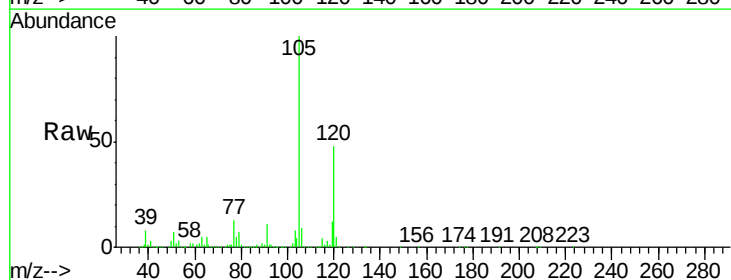
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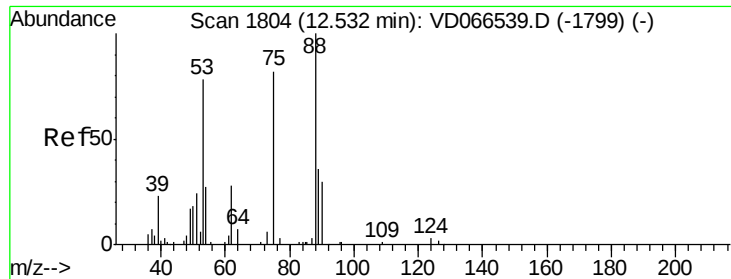
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 58.254 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion:105 Resp: 984871
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.8





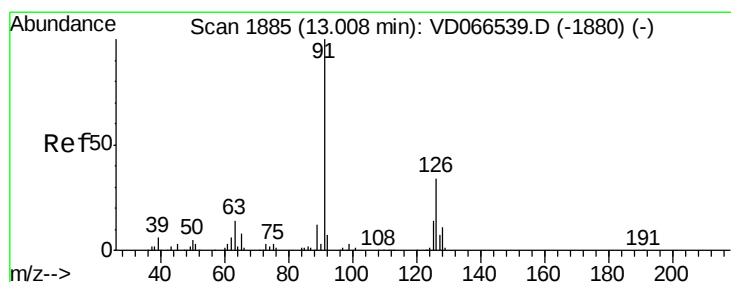
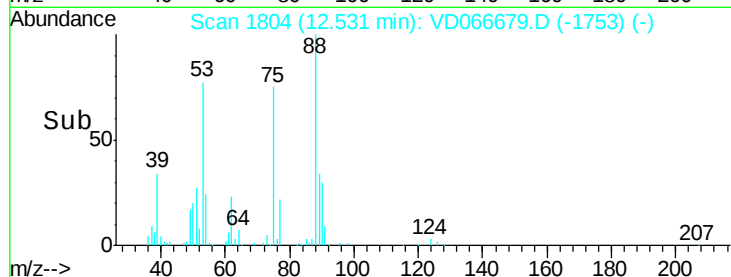
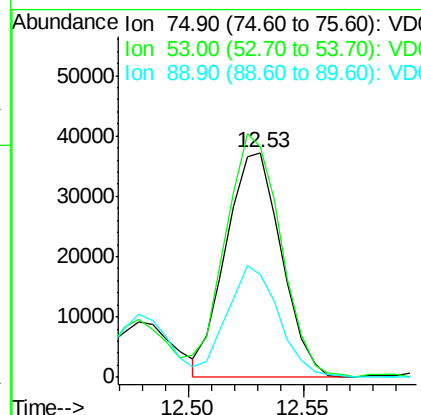
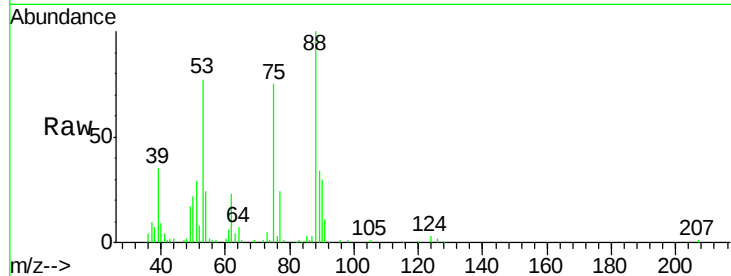
#81
trans-1,4-Dichloro-2-butene
Concen: 55.815 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.7	87.0	130.4
89	46.5	37.1	55.7

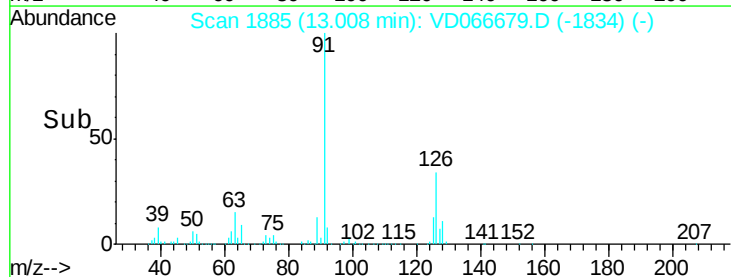
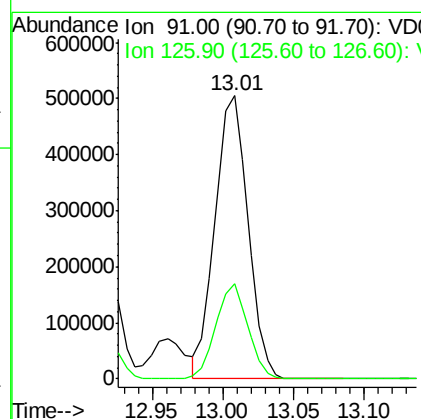
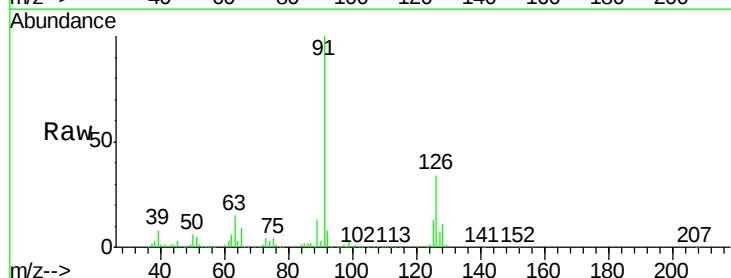
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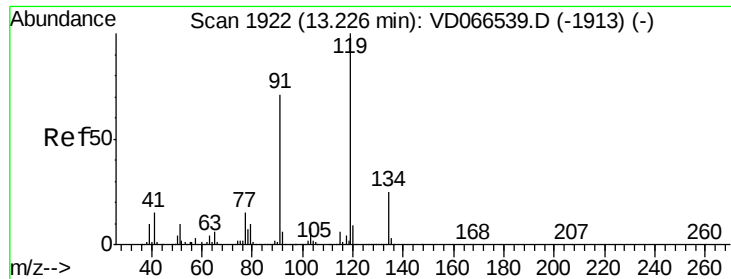
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#82
4-Chlorotoluene
Concen: 56.143 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.1





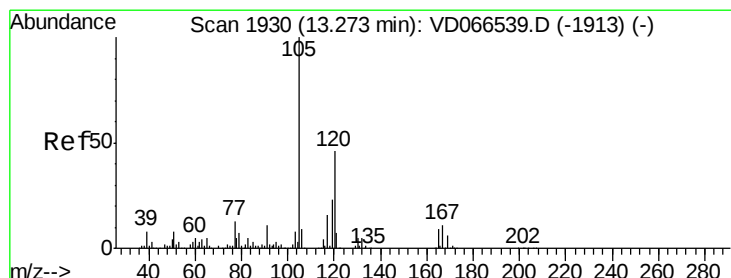
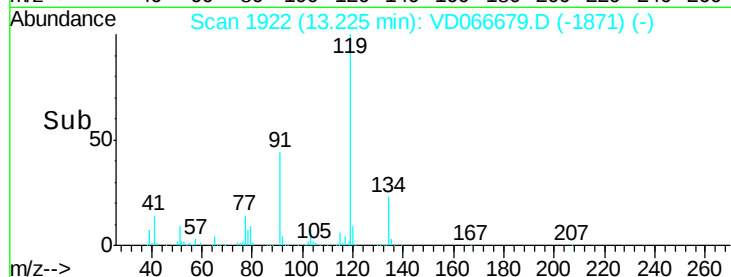
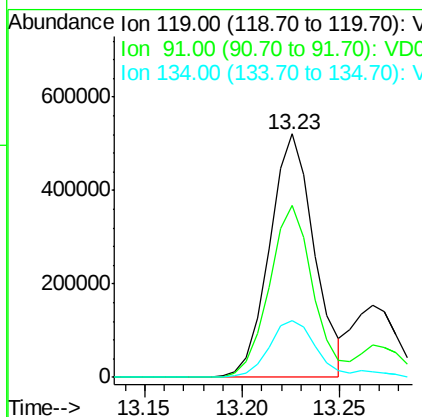
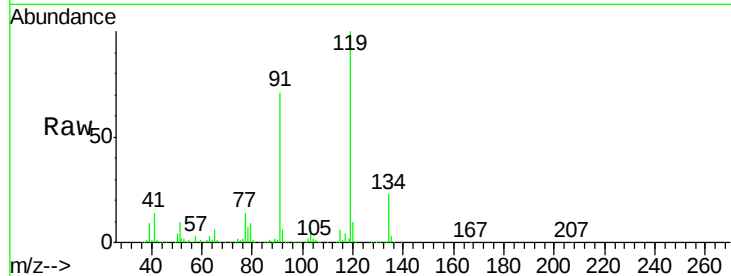
#83
 tert-Butylbenzene
 Concen: 59.537 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	821960		
91	70.0	35.2	105.6	
134	24.3	13.5	40.5	

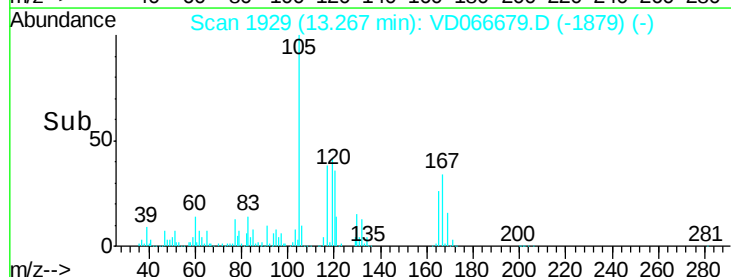
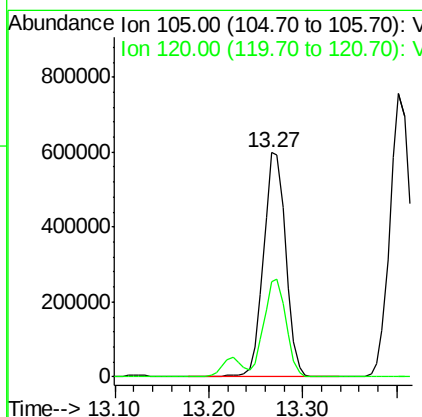
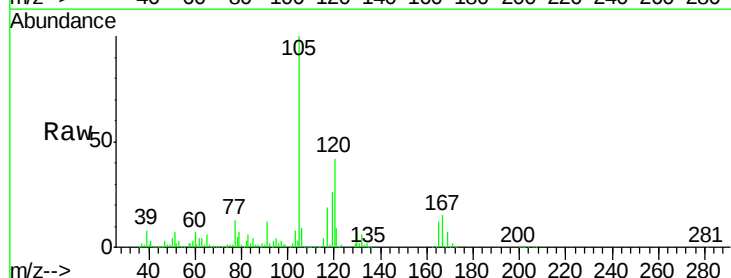
Manual Integrations
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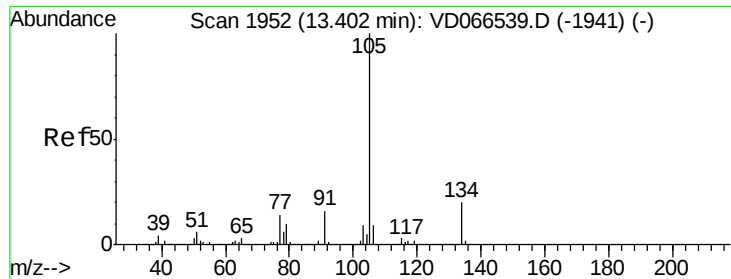
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#84
 1,2,4-Trimethylbenzene
 Concen: 58.342 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	982035		
120	43.0	22.6	67.7	





#85

sec-Butylbenzene

Concen: 58.730 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1168187

Ion Ratio Lower Upper

105 100

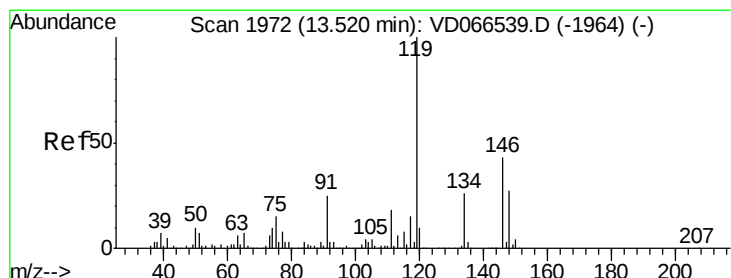
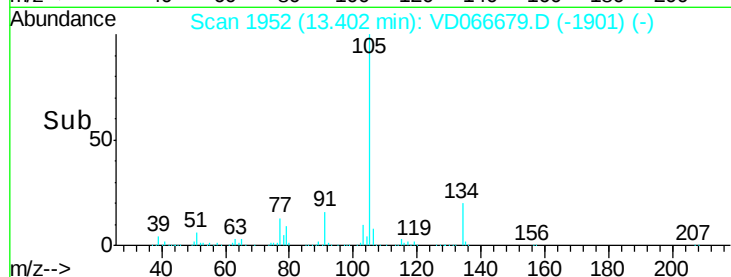
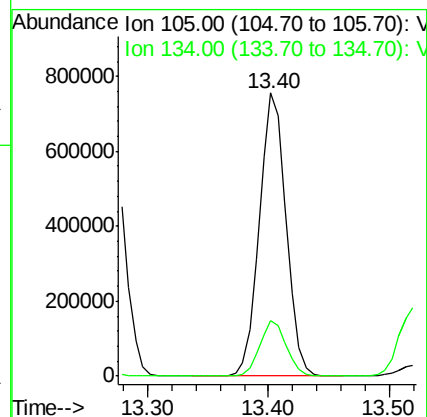
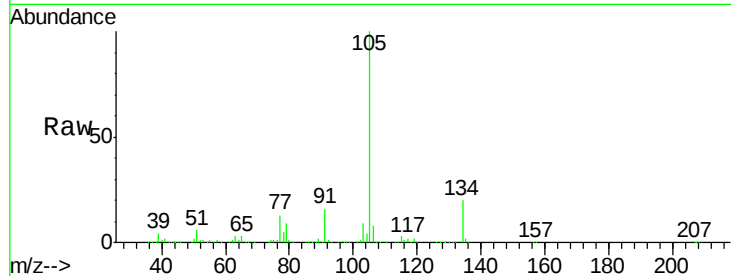
134 19.4 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 59.439 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066679.D

Acq: 14 Sep 2020 18:48

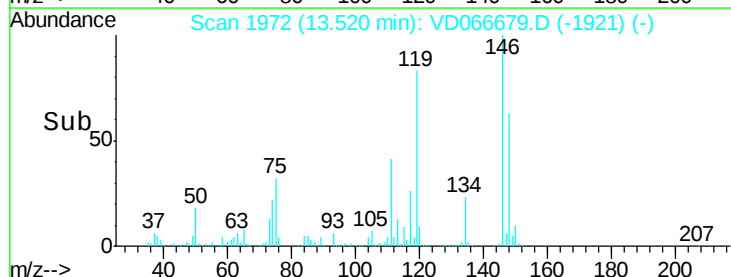
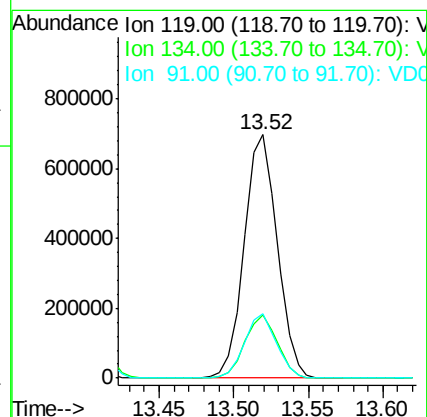
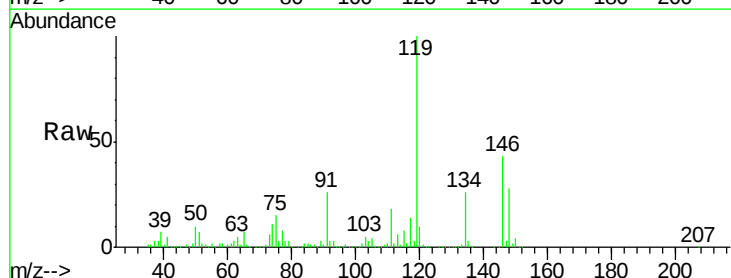
Tgt Ion:119 Resp: 1064135

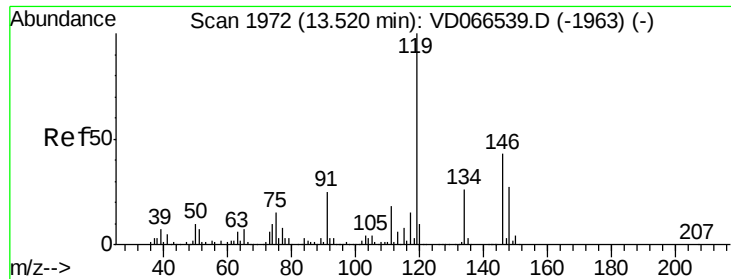
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

91 25.7 12.5 37.5





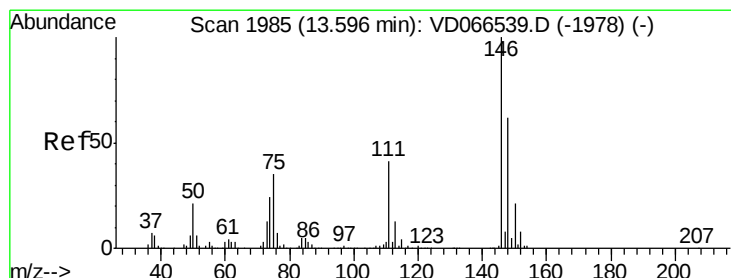
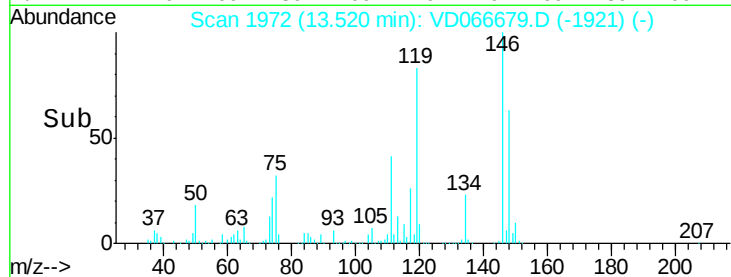
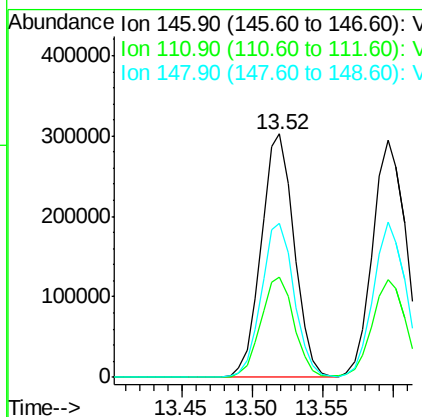
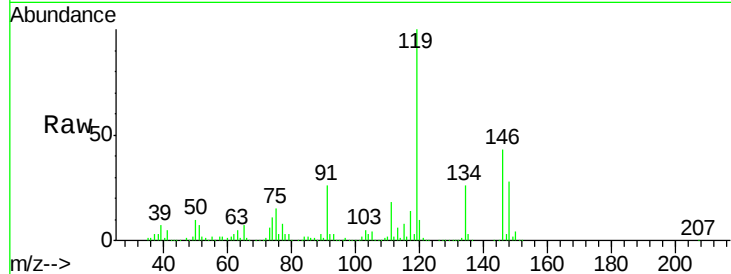
#87
 1,3-Dichlorobenzene
 Concen: 55.924 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	497185		
111	41.5	20.6	61.9	
148	63.2	32.1	96.3	

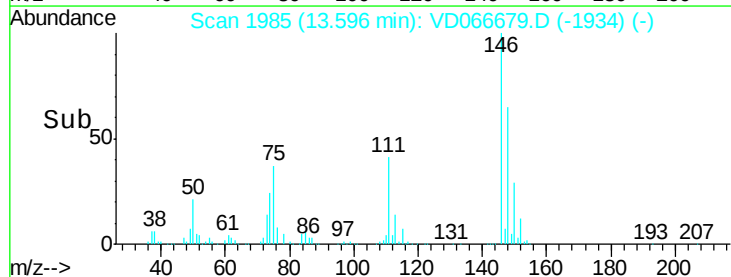
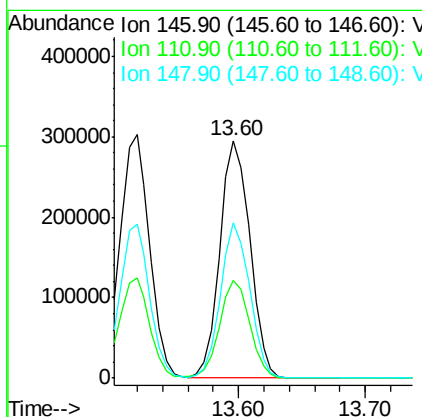
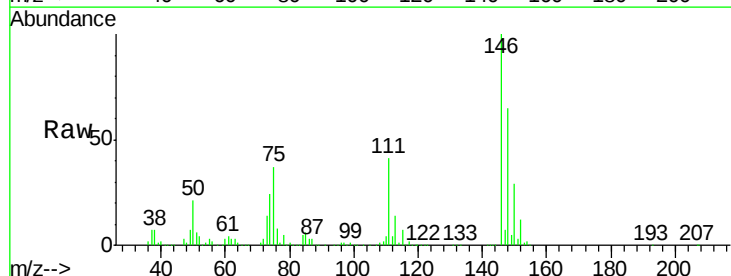
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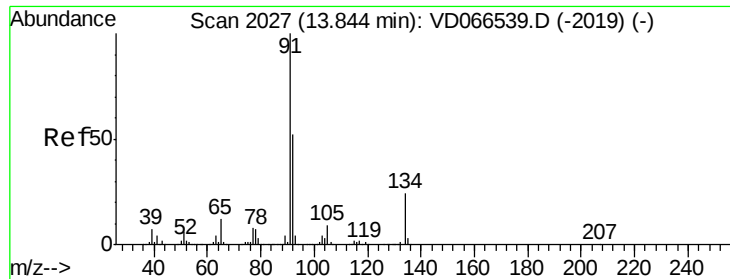
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#88
 1,4-Dichlorobenzene
 Concen: 54.530 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	486590		
111	41.4	20.1	60.2	
148	63.5	31.6	94.8	





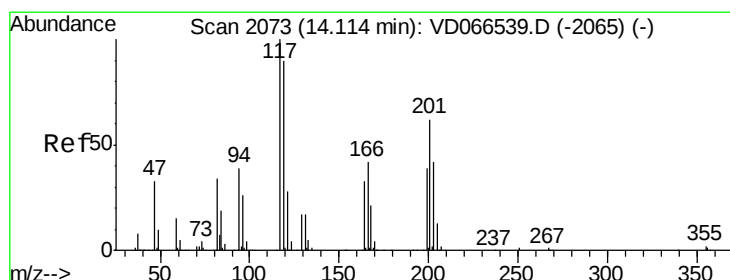
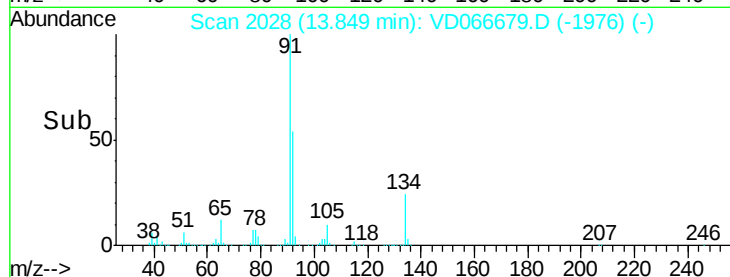
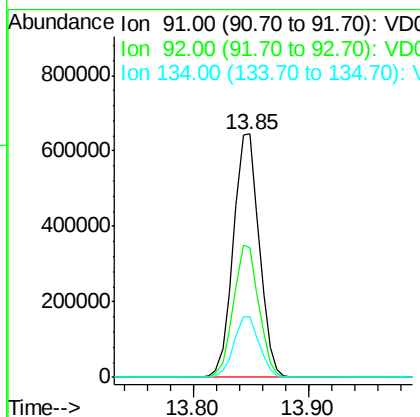
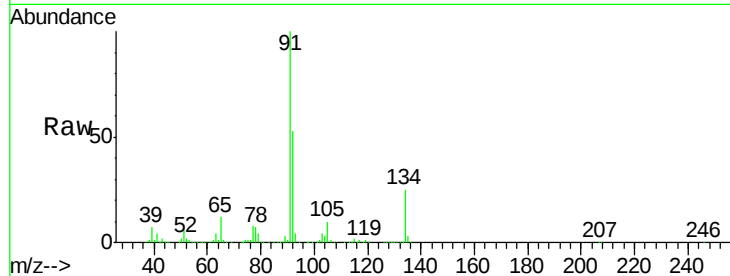
#89
n-Butylbenzene
Concen: 57.487 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1002930
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 24.4 12.1 36.3

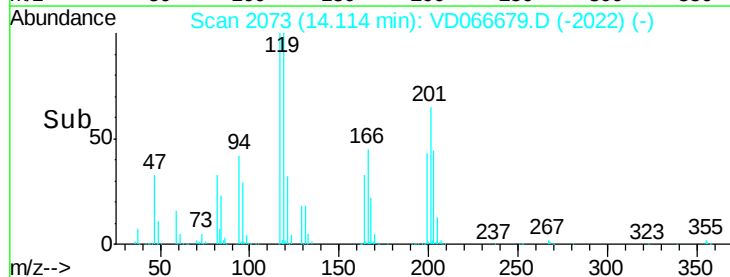
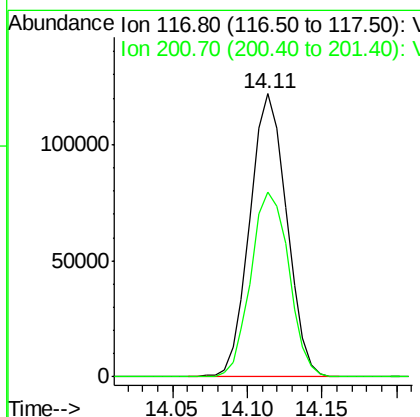
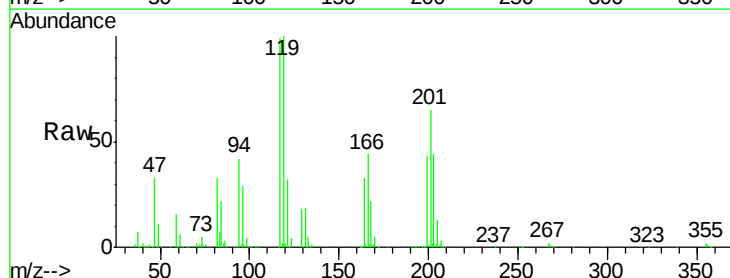
Manual Integrations
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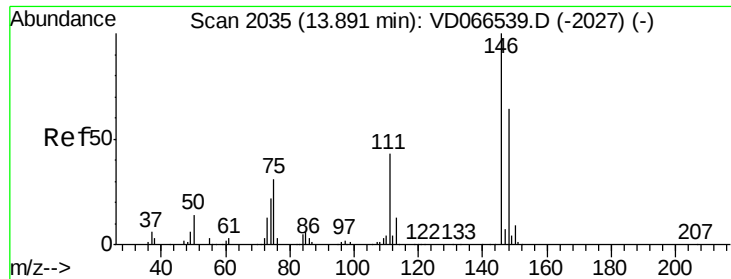
MMDadoda
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#90
Hexachloroethane
Concen: 53.957 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion: 117 Resp: 208141
Ion Ratio Lower Upper
117 100
201 67.6 31.9 95.5





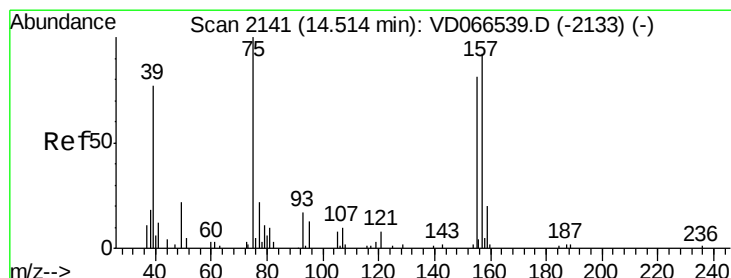
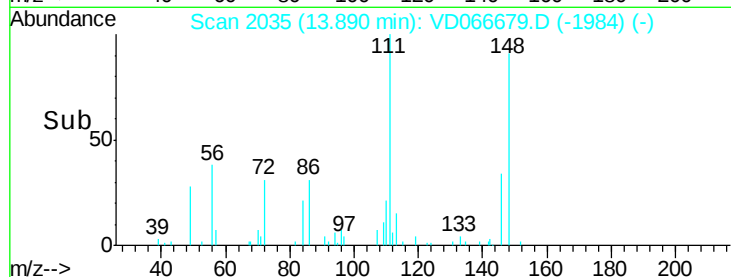
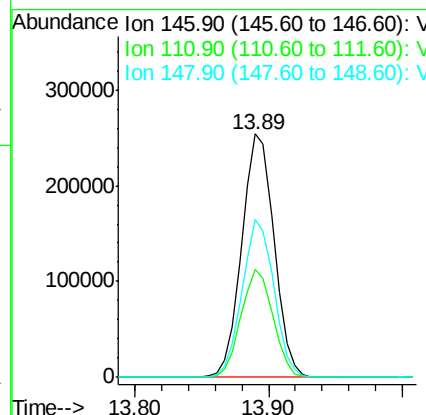
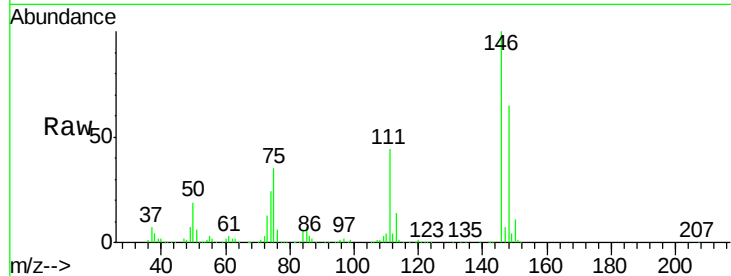
#91
1,2-Dichlorobenzene
Concen: 54.621 ug/l
RT: 13.89 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.1	63.4
148	63.9	31.8	95.3

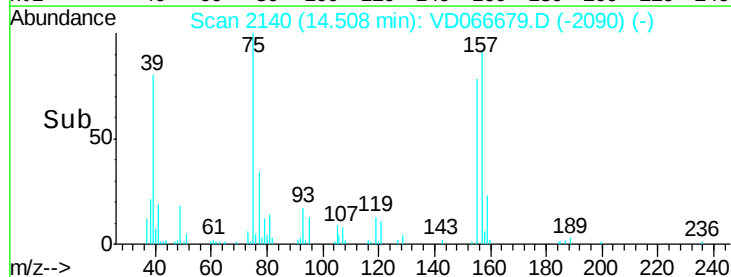
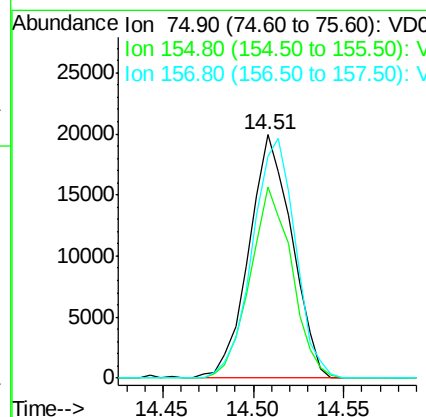
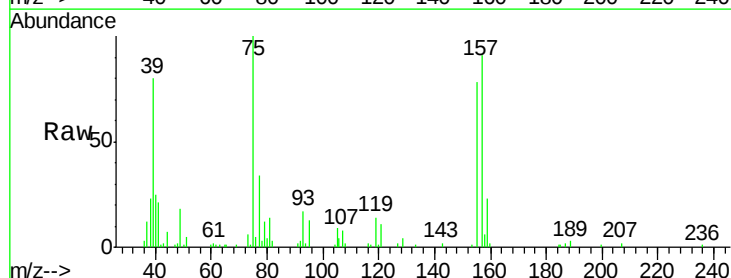
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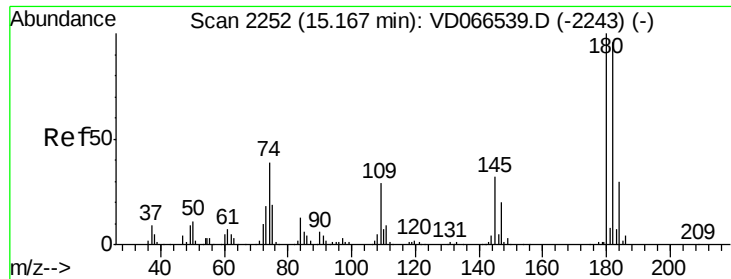
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#92
1,2-Dibromo-3-Chloropropane
Concen: 54.635 ug/l
RT: 14.51 min Scan# 2140
Delta R.T. -0.01 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.3	39.3	117.8
157	98.1	46.0	137.8





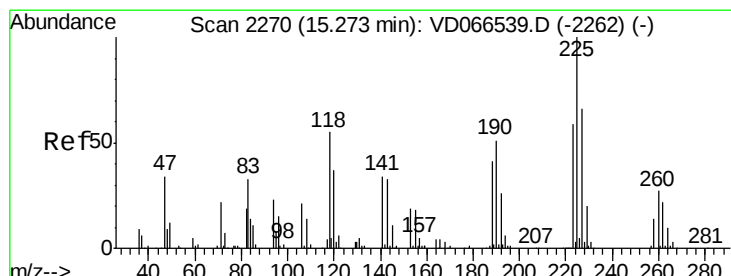
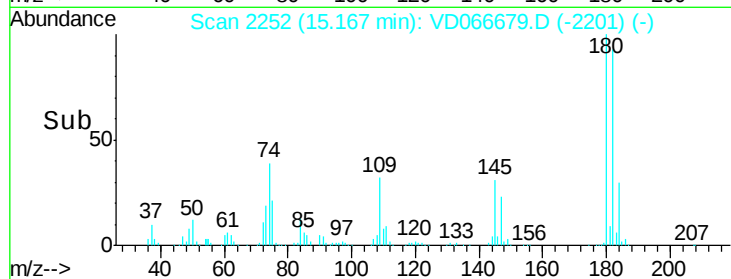
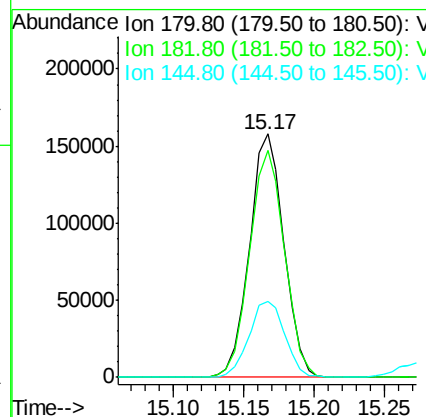
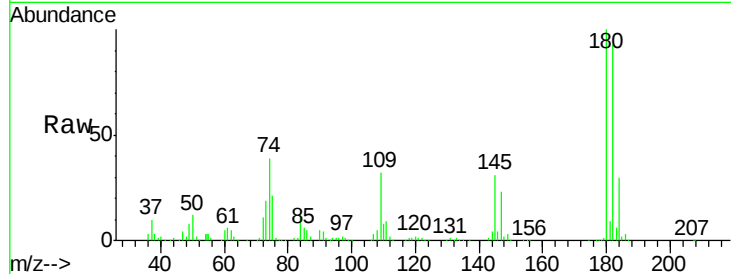
#93
 1,2,4-Trichlorobenzene
 Concen: 57.968 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	270344		
182	94.5	48.4	145.0	
145	32.9	16.7	50.0	

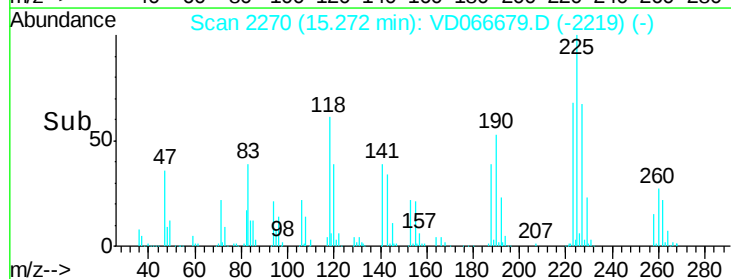
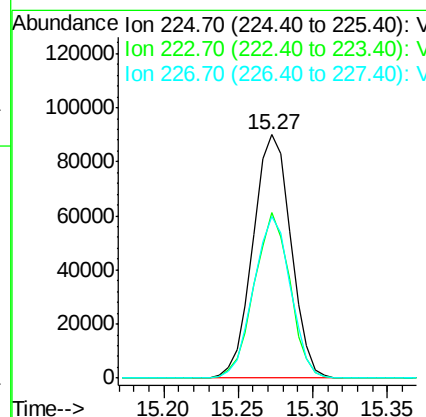
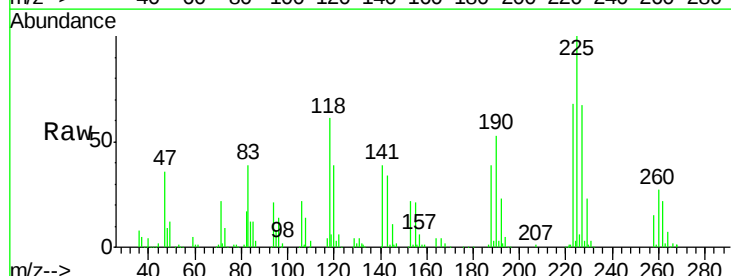
Manual Integrations
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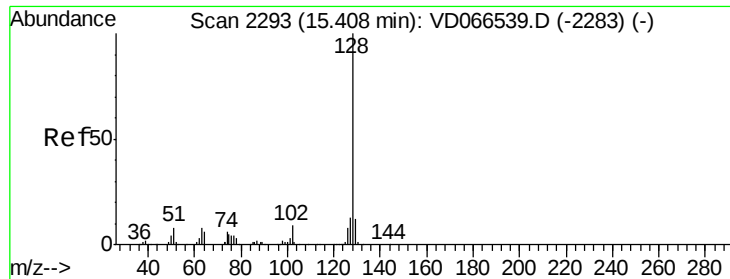
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#94
 Hexachlorobutadiene
 Concen: 56.306 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066679.D
 Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157758		
223	64.2	30.5	91.5	
227	65.0	32.4	97.2	





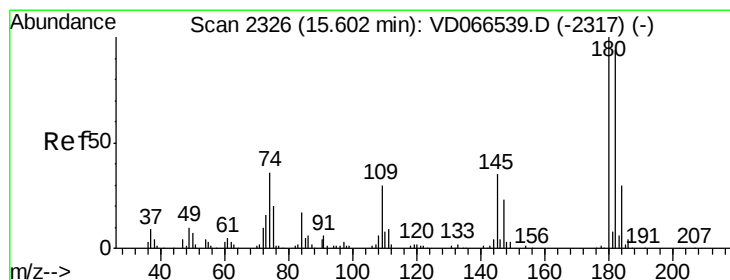
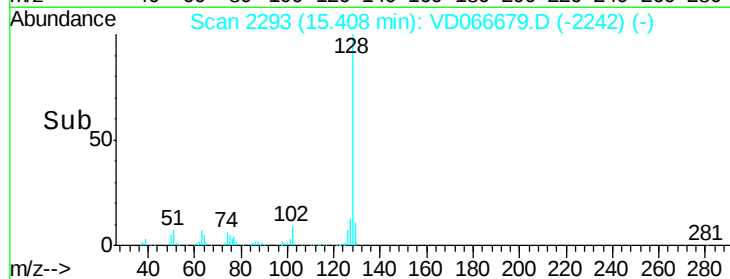
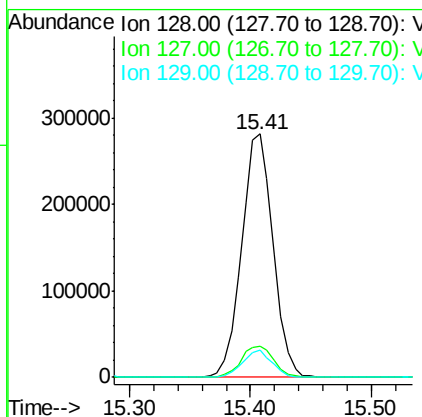
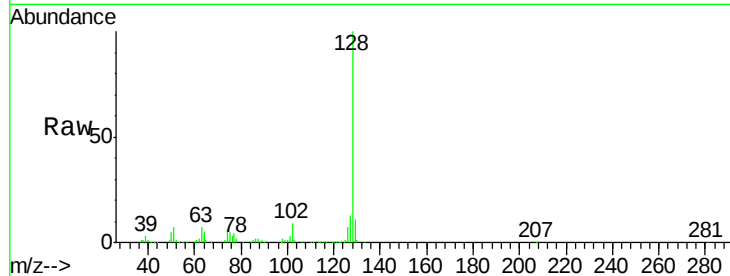
#95
Naphthalene
Concen: 62.446 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.7	9.1	13.7

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 59.159 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066679.D
Acq: 14 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.6
145	34.6	17.3	51.7

