

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072659.D
 Acq On : 20 Apr 2022 20:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 21 01:56:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	335188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	584178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	553646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	283282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	219662	54.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.908	113	233562	51.447	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.900%	
50) Toluene-d8	10.332	98	784937	49.740	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	12.620	95	313661	50.893	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	101430	38.129	ug/l	94
3) Chloromethane	2.209	50	112319	45.649	ug/l	93
4) Vinyl Chloride	2.344	62	111781	39.724	ug/l	97
5) Bromomethane	2.756	94	82535	43.531	ug/l	96
6) Chloroethane	2.914	64	81774	45.123	ug/l	99
7) Trichlorofluoromethane	3.267	101	256011	44.338	ug/l	95
8) Diethyl Ether	3.709	74	79971	46.606	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	166717	43.294	ug/l	95
10) Methyl Iodide	4.303	142	128580	36.880	ug/l	98
11) Tert butyl alcohol	5.203	59	93080	434.694	ug/l #	93
12) 1,1-Dichloroethene	4.061	96	138250	45.921	ug/l	90
13) Acrolein	3.926	56	17146	180.442	ug/l	98
14) Allyl chloride	4.714	41	224763	42.684	ug/l #	93
15) Acrylonitrile	5.414	53	208631	243.125	ug/l	98
16) Acetone	4.156	43	148536	196.456	ug/l	96
17) Carbon Disulfide	4.403	76	263044	41.043	ug/l	97
18) Methyl Acetate	4.720	43	93741	44.009	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	432901	49.265	ug/l	97
20) Methylene Chloride	4.956	84	209586	46.563	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	162502	44.310	ug/l	88
22) Diisopropyl ether	6.361	45	579126	47.878	ug/l	93
23) Vinyl Acetate	6.303	43	1524857	234.776	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	343500	47.127	ug/l	100
25) 2-Butanone	7.208	43	248039	237.205	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	283954	43.861	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	212866	46.568	ug/l	91
28) Bromochloromethane	7.538	49	183972	58.908	ug/l #	79
29) Tetrahydrofuran	7.555	42	157910	250.127	ug/l #	87
30) Chloroform	7.702	83	380723	46.435	ug/l	99
31) Cyclohexane	7.979	56	240880	45.433	ug/l	86
32) 1,1,1-Trichloroethane	7.897	97	323661	46.542	ug/l	95
36) 1,1-Dichloropropene	8.108	75	237686	41.172	ug/l	97
37) Ethyl Acetate	7.291	43	112914	46.939	ug/l #	92
38) Carbon Tetrachloride	8.091	117	268547	42.937	ug/l	99
39) Methylcyclohexane	9.349	83	290927	43.458	ug/l	97
40) Benzene	8.344	78	718731	45.331	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	57484	41.191	ug/l #	72
42) 1,2-Dichloroethane	8.420	62	219420	45.277	ug/l	94
43) Isopropyl Acetate	8.444	43	224593	48.673	ug/l #	92
44) Trichloroethene	9.108	130	200965	44.647	ug/l	97
45) 1,2-Dichloropropane	9.379	63	201444	45.674	ug/l	97
46) Dibromomethane	9.467	93	106886	46.192	ug/l	96
47) Bromodichloromethane	9.655	83	301078	45.290	ug/l	99
48) Methyl methacrylate	9.449	41	113339	50.593	ug/l	91
49) 1,4-Dioxane	9.455	88	27342	993.322	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	604352	244.091	ug/l	93
52) Toluene	10.396	92	484278	45.977	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	257023	44.368	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	304796	44.502	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	167516	47.752	ug/l	97
56) Ethyl methacrylate	10.655	69	195517	45.439	ug/l	86
57) 1,3-Dichloropropane	10.938	76	264087	45.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	488307	281.943	ug/l	95
59) 2-Hexanone	10.973	43	407170	241.833	ug/l	94
60) Dibromochloromethane	11.132	129	201458	44.519	ug/l	100
61) 1,2-Dibromoethane	11.238	107	146778	47.124	ug/l	96
64) Tetrachloroethene	10.867	164	152307	42.105	ug/l	93
65) Chlorobenzene	11.661	112	539799	43.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	218085	44.068	ug/l	98
67) Ethyl Benzene	11.738	91	940656	43.552	ug/l	99
68) m/p-Xylenes	11.843	106	725566	88.548	ug/l	99
69) o-Xylene	12.167	106	345036	43.643	ug/l	98
70) Styrene	12.185	104	624527	44.822	ug/l	97
71) Bromoform	12.349	173	120136	45.793	ug/l #	100
73) Isopropylbenzene	12.467	105	953494	41.677	ug/l	99
74) N-amyl acetate	12.279	43	212775	44.325	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	181948	41.987	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	225510	72.989	ug/l #	100
77) Bromobenzene	12.749	156	214008	41.734	ug/l	96
78) n-propylbenzene	12.808	91	1143573	41.435	ug/l	98
79) 2-Chlorotoluene	12.896	91	682021	42.255	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	812559	41.470	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	55090	43.753	ug/l	89
82) 4-Chlorotoluene	12.990	91	700679	41.682	ug/l	99
83) tert-Butylbenzene	13.208	119	713405	42.057	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	808123	42.177	ug/l	99
85) sec-Butylbenzene	13.390	105	1052703	41.201	ug/l	100
86) p-Isopropyltoluene	13.502	119	865254	41.430	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	441957	41.594	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	430288	40.179	ug/l	100
89) n-Butylbenzene	13.826	91	801623	40.293	ug/l	99
90) Hexachloroethane	14.096	117	176456	41.273	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	387282	41.324	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	28572	44.583	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	232703	40.058	ug/l	99
94) Hexachlorobutadiene	15.249	225	136145	41.841	ug/l	96
95) Naphthalene	15.379	128	454930	40.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	210713	41.560	ug/l	100

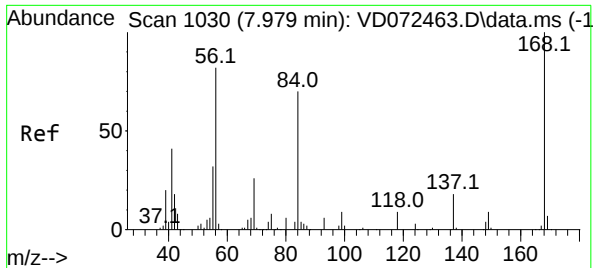
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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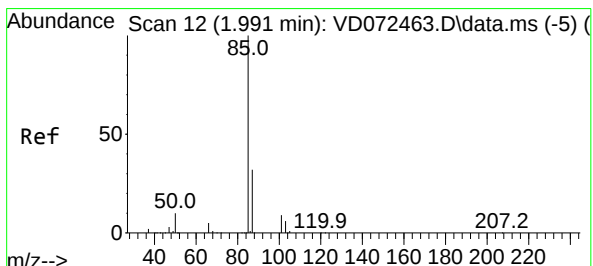
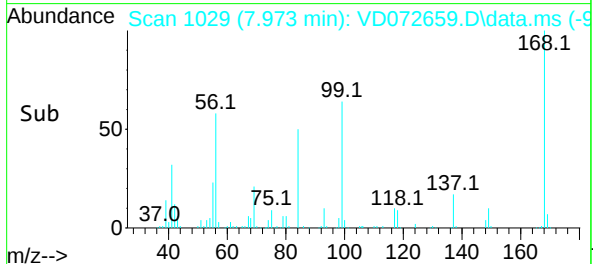
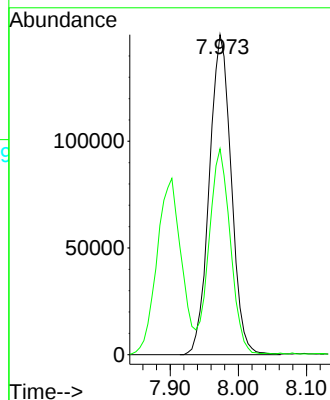
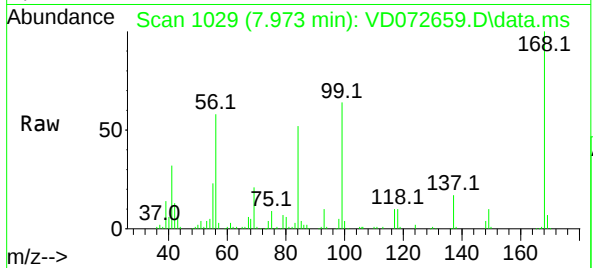
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

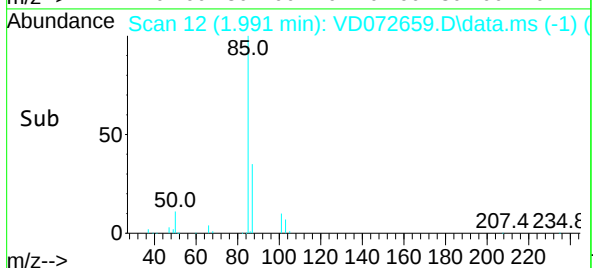
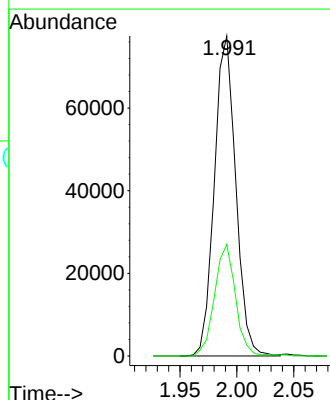
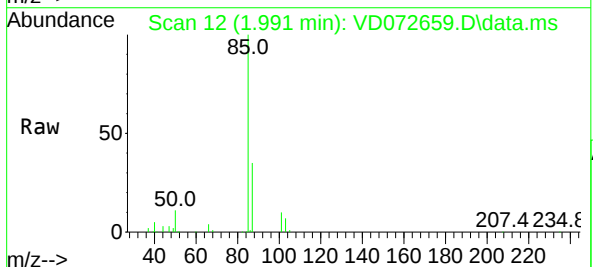
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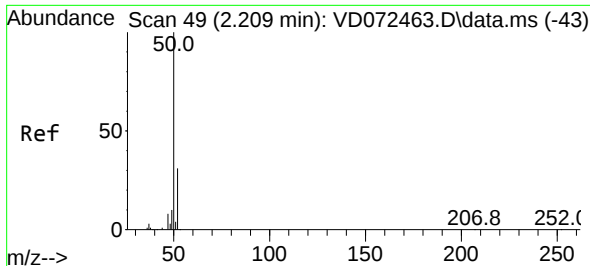
Tgt Ion:168 Resp: 335188
Ion Ratio Lower Upper
168 100
99 63.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 38.129 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 85 Resp: 101430
Ion Ratio Lower Upper
85 100
87 34.8 15.7 47.0

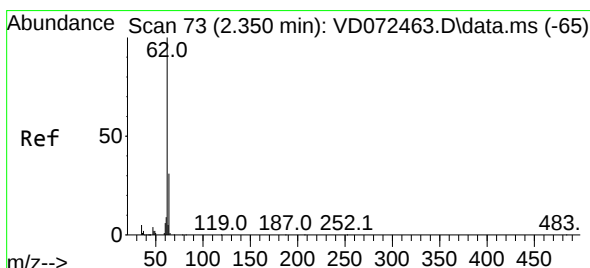
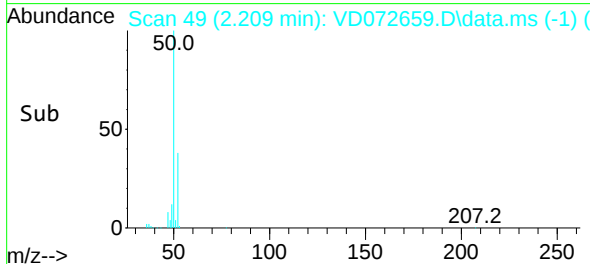
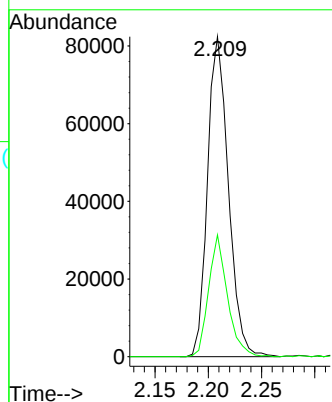
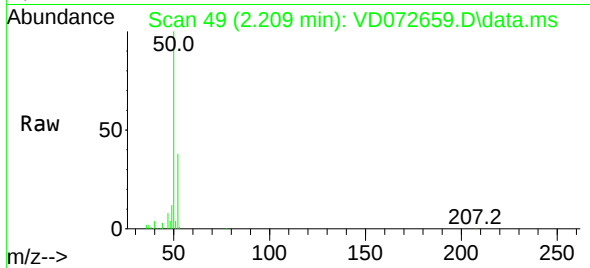




#3
Chloromethane
Concen: 45.649 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

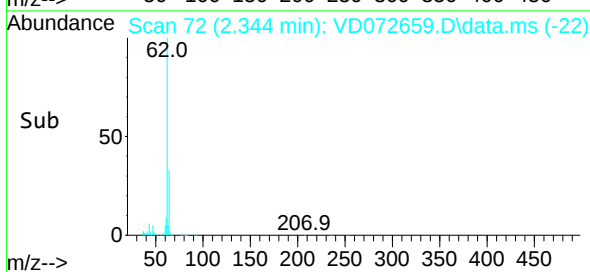
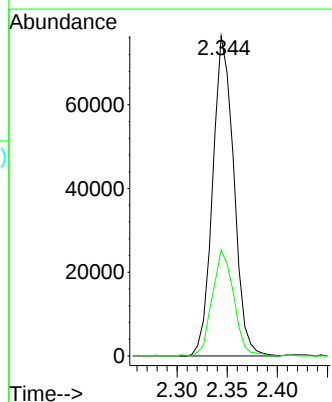
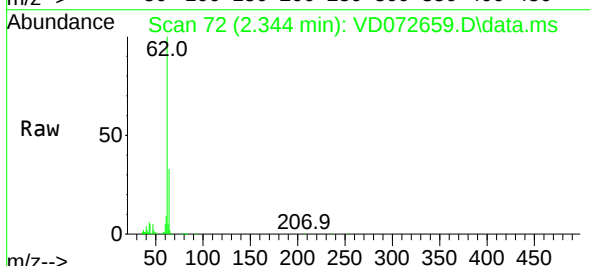
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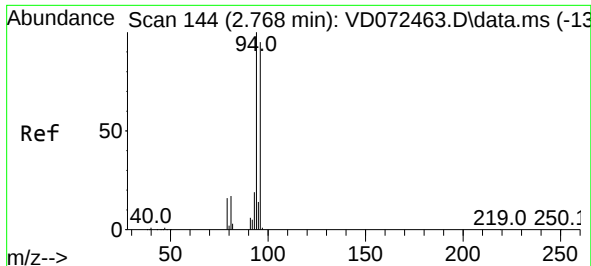
Tgt Ion: 50 Resp: 112319
Ion Ratio Lower Upper
50 100
52 38.1 27.4 41.0



#4
Vinyl Chloride
Concen: 39.724 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 62 Resp: 111781
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

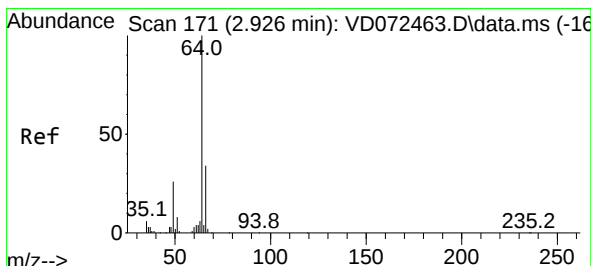
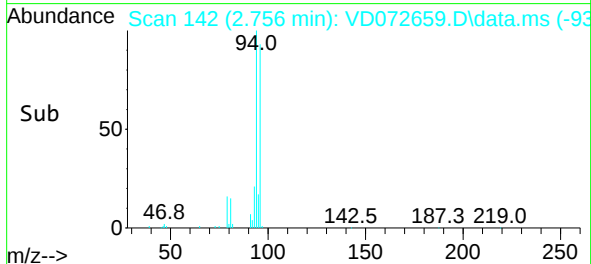
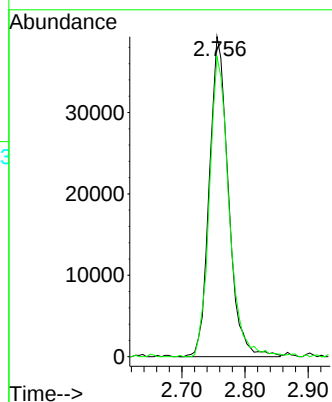
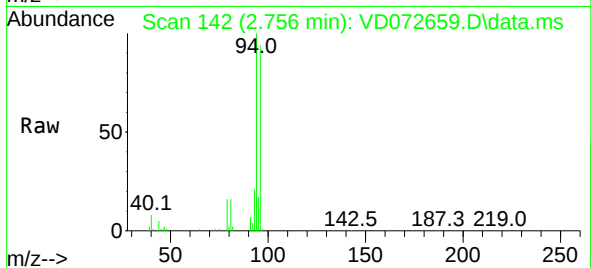




#5
Bromomethane
Concen: 43.531 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

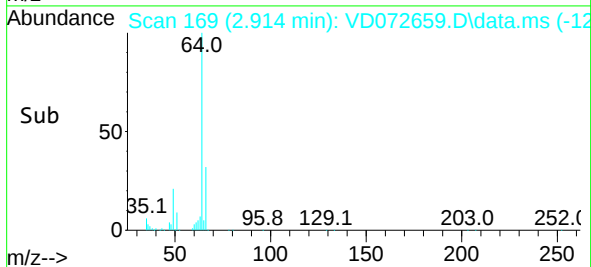
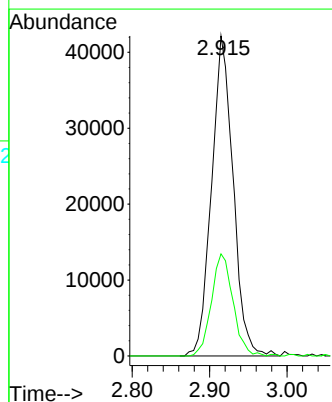
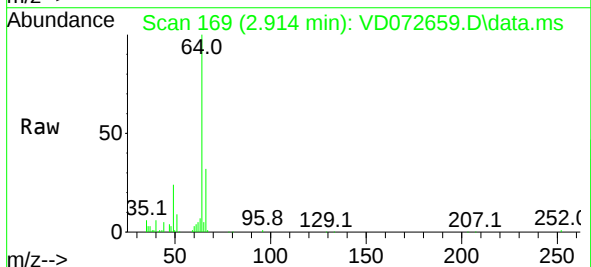
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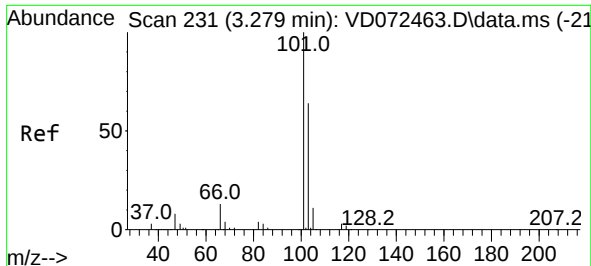
Tgt Ion: 94 Resp: 82535
Ion Ratio Lower Upper
94 100
96 93.3 77.6 116.4



#6
Chloroethane
Concen: 45.123 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.012 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 64 Resp: 81774
Ion Ratio Lower Upper
64 100
66 31.9 25.9 38.9

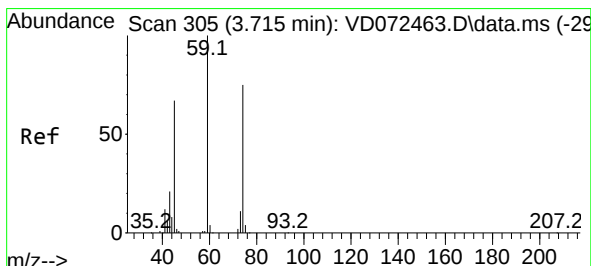
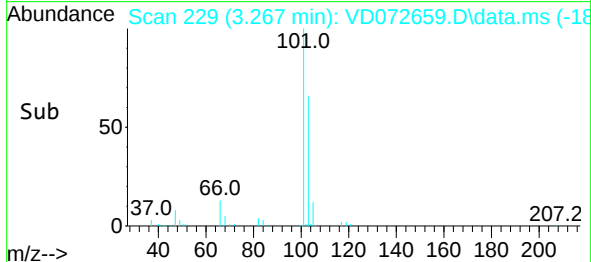
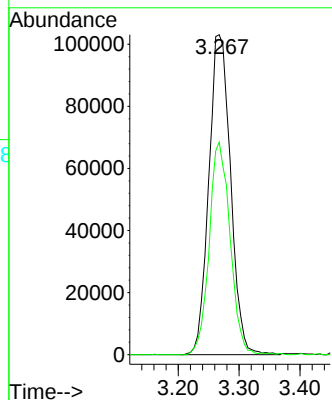
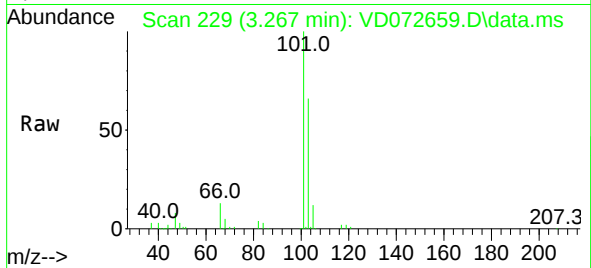




#7
Trichlorofluoromethane
Concen: 44.338 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

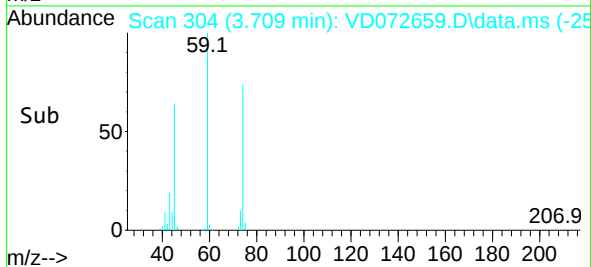
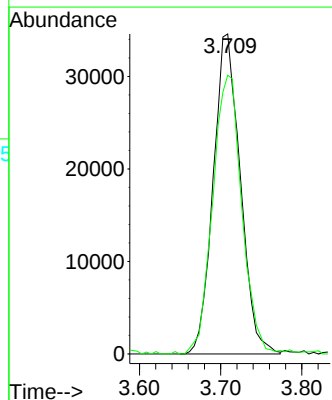
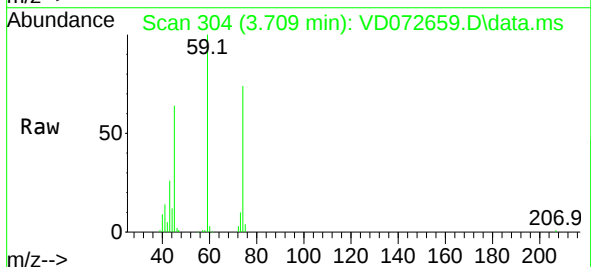
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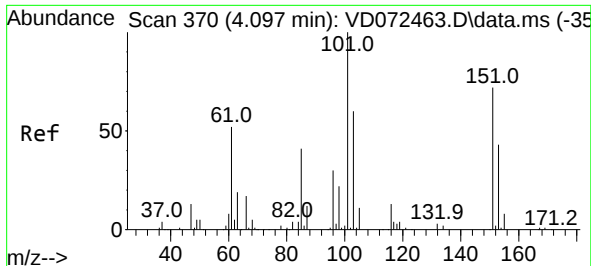
Tgt Ion:101 Resp: 256011
Ion Ratio Lower Upper
101 100
103 66.4 50.1 75.1



#8
Diethyl Ether
Concen: 46.606 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 74 Resp: 79971
Ion Ratio Lower Upper
74 100
45 93.8 52.6 157.8

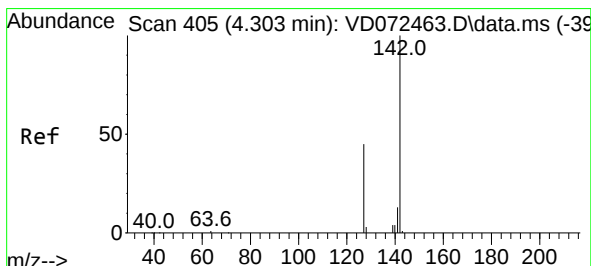
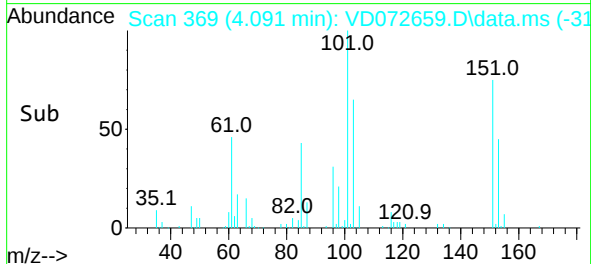
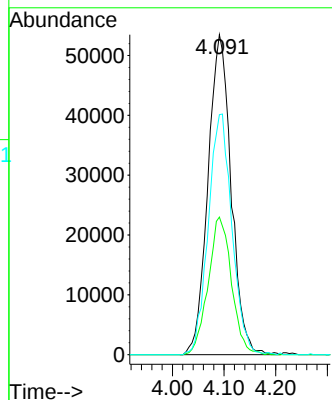
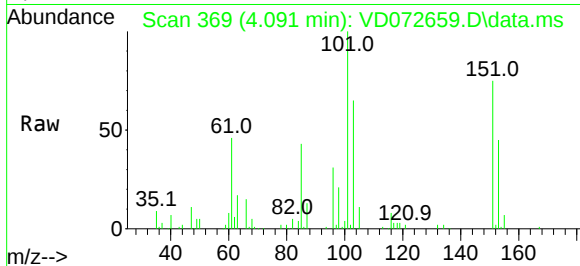




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.294 ug/l
 RT: 4.091 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VD072659.D
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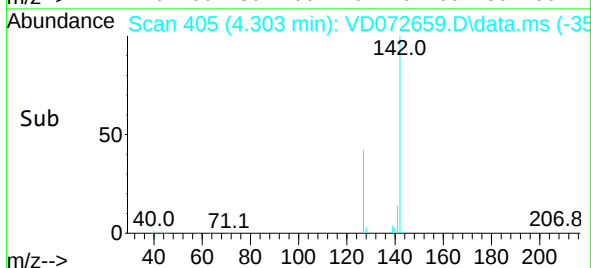
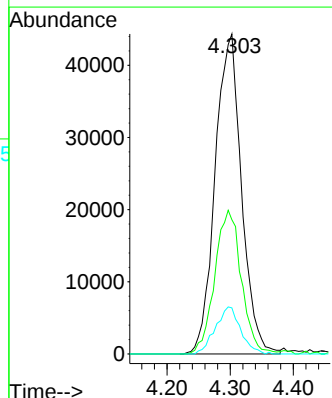
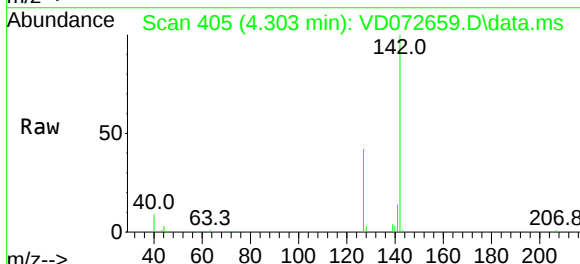
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

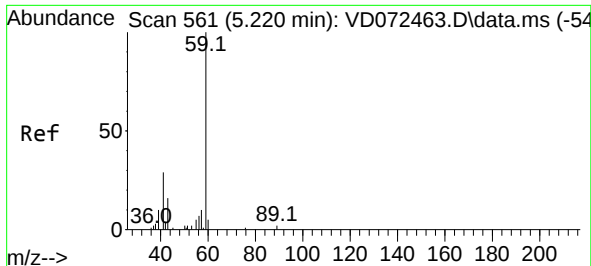
Tgt Ion:101 Resp: 166717
 Ion Ratio Lower Upper
 101 100
 85 43.2 36.4 54.6
 151 76.8 57.3 85.9



#10
 Methyl Iodide
 Concen: 36.880 ug/l
 RT: 4.303 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD072659.D
 Acq: 20 Apr 2022 20:52

Tgt Ion:142 Resp: 128580
 Ion Ratio Lower Upper
 142 100
 127 45.2 37.3 55.9
 141 14.1 11.7 17.5

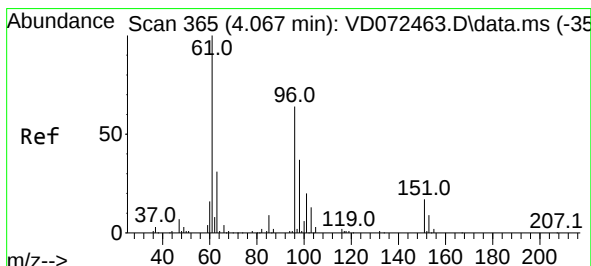
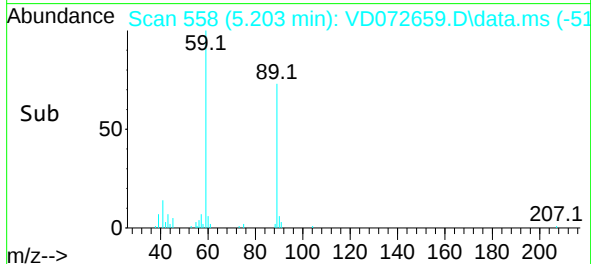
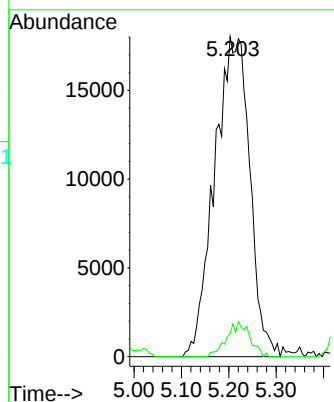
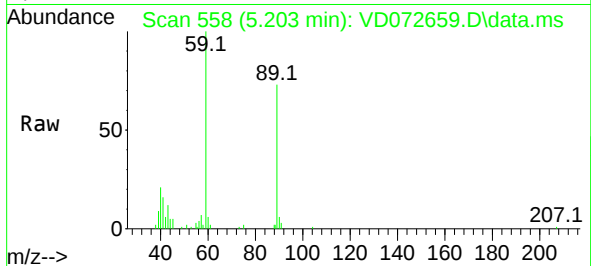




#11
Tert butyl alcohol
Concen: 434.694 ug/l
RT: 5.203 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

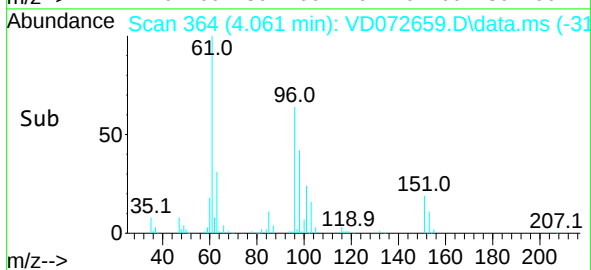
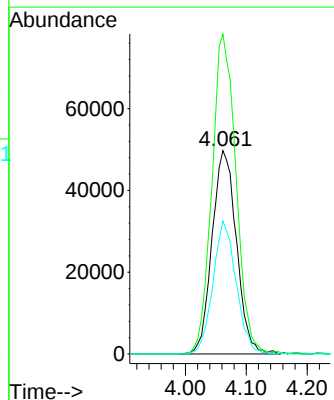
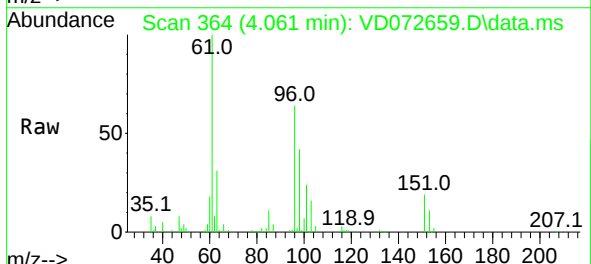
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

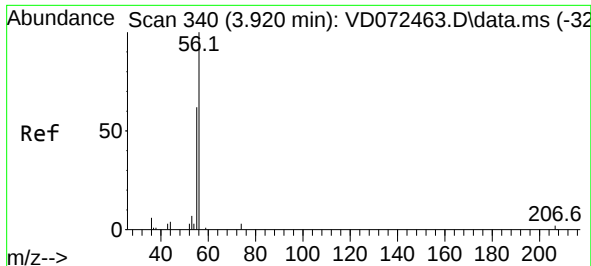
Tgt Ion: 59 Resp: 93080
Ion Ratio Lower Upper
59 100
57 7.1 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 45.921 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

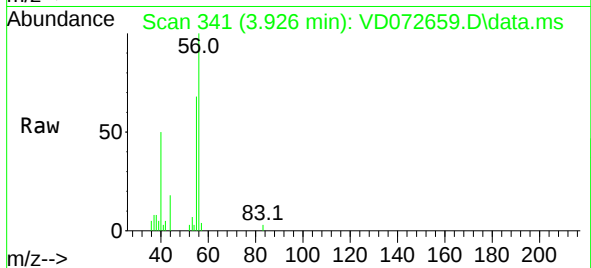
Tgt Ion: 96 Resp: 138250
Ion Ratio Lower Upper
96 100
61 157.3 138.5 207.7
98 65.4 48.6 73.0



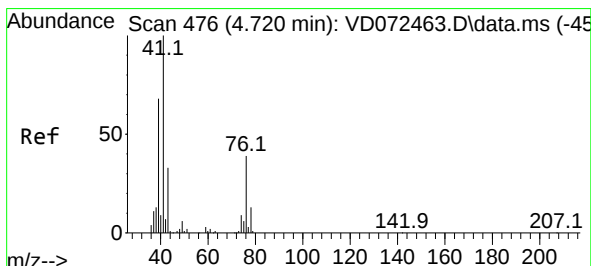
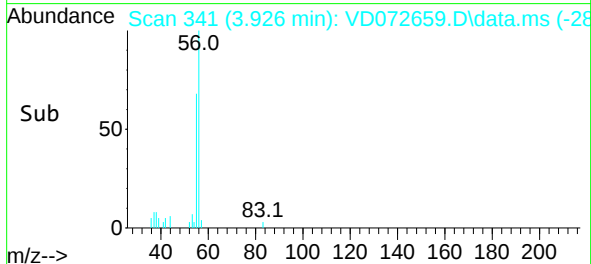
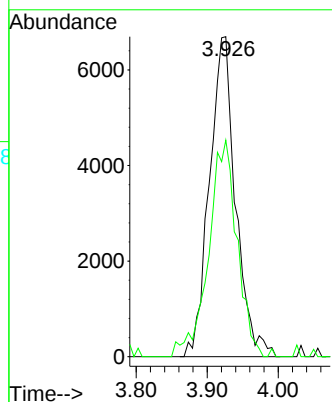


#13
Acrolein
Concen: 180.442 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

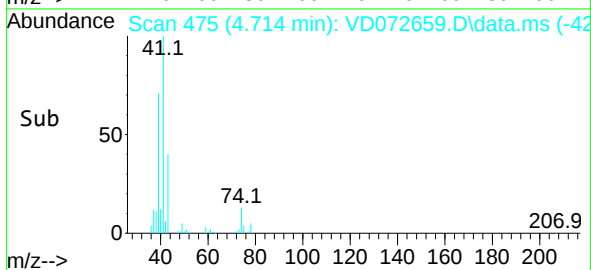
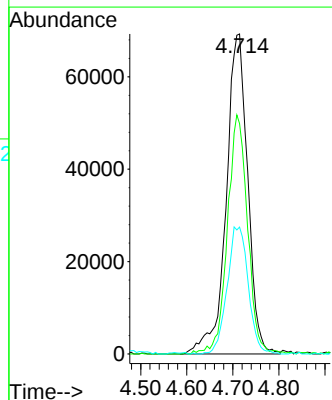
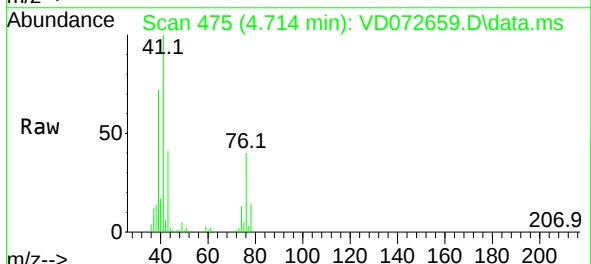


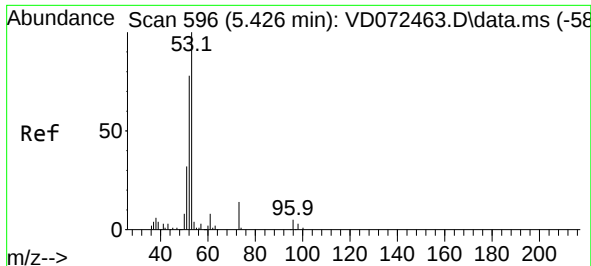
Tgt Ion: 56 Resp: 17146
Ion Ratio Lower Upper
56 100
55 73.3 57.1 85.7



#14
Allyl chloride
Concen: 42.684 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 41 Resp: 224763
Ion Ratio Lower Upper
41 100
39 70.0 59.3 88.9
76 39.0 25.7 38.5#

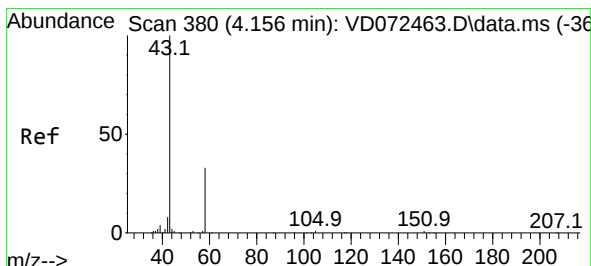
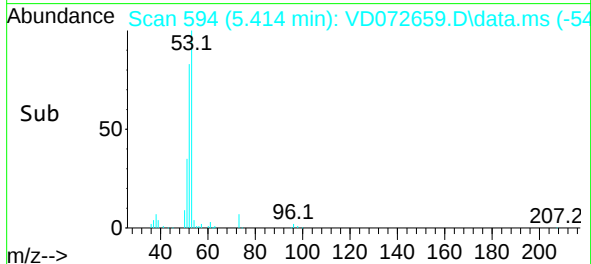
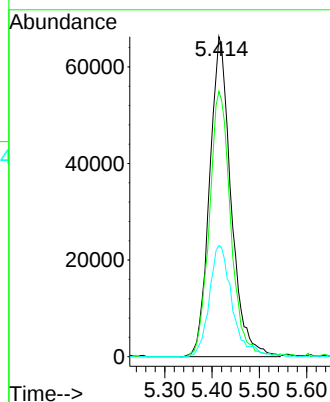
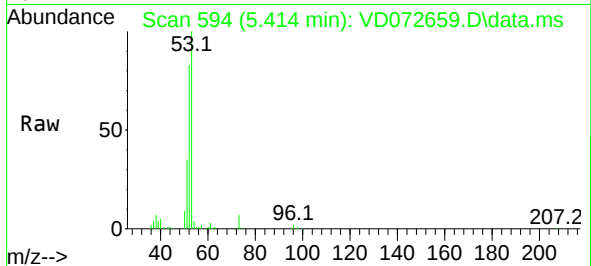




#15
Acrylonitrile
Concen: 243.125 ug/l
RT: 5.414 min Scan# 596
Delta R.T. -0.012 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

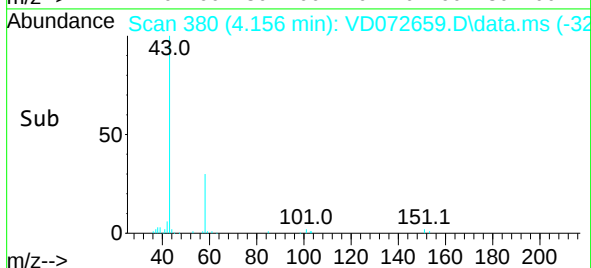
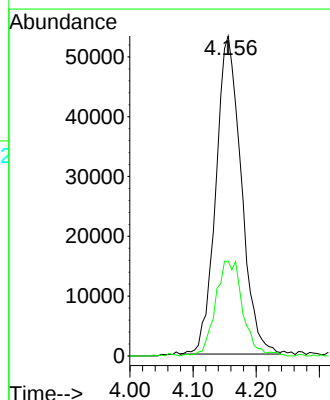
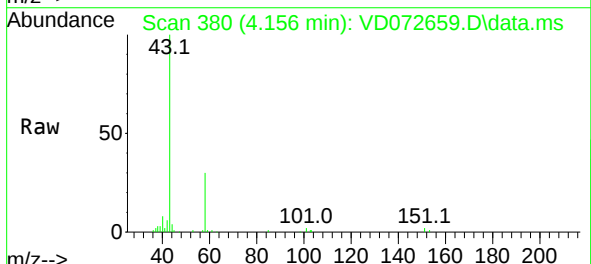
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

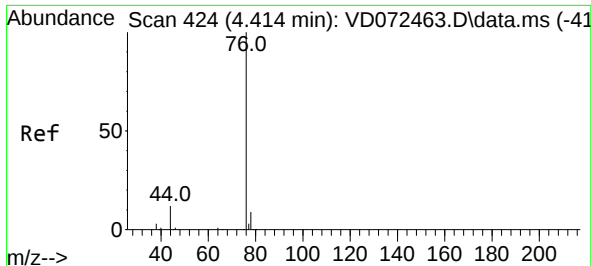
Tgt Ion: 53 Resp: 208631
Ion Ratio Lower Upper
53 100
52 82.2 67.2 100.8
51 37.0 30.3 45.5



#16
Acetone
Concen: 196.456 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 43 Resp: 148536
Ion Ratio Lower Upper
43 100
58 29.8 22.1 33.1

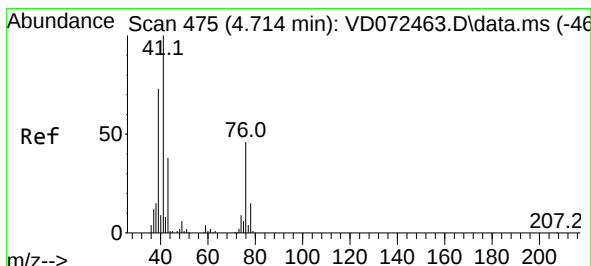
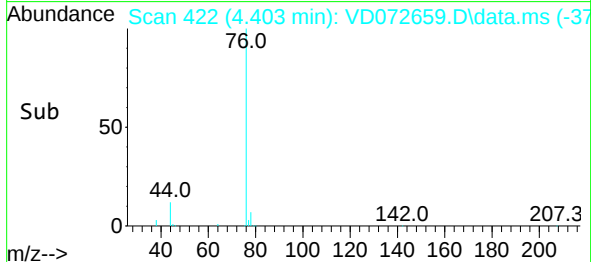
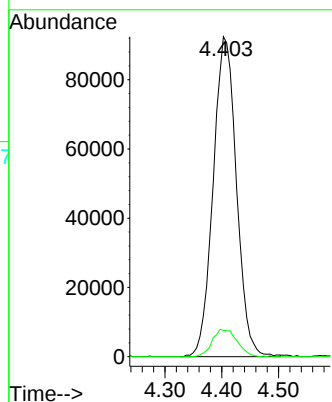
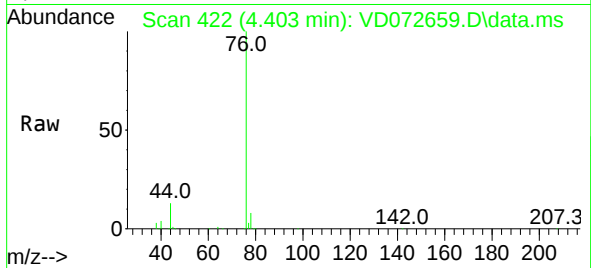




#17
Carbon Disulfide
Concen: 41.043 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

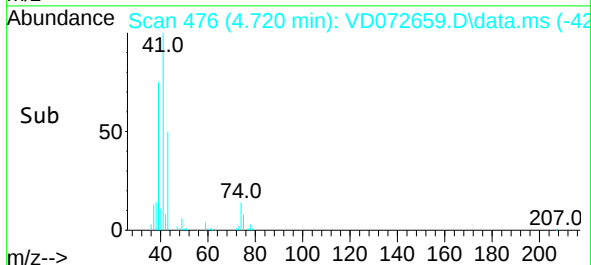
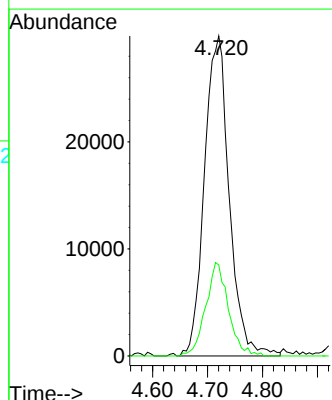
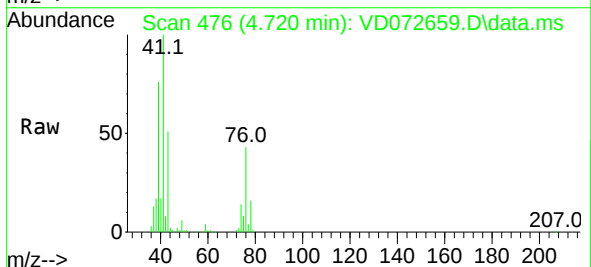
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

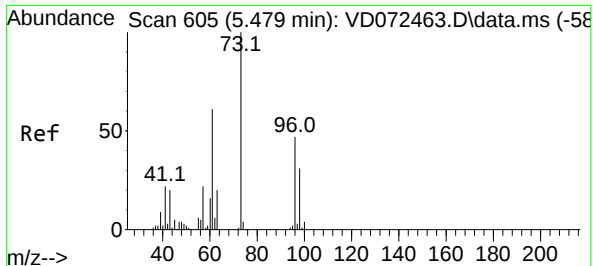
Tgt Ion: 76 Resp: 263044
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 44.009 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 43 Resp: 93741
Ion Ratio Lower Upper
43 100
74 26.7 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 49.265 ug/l

RT: 5.473 min Scan# 605

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

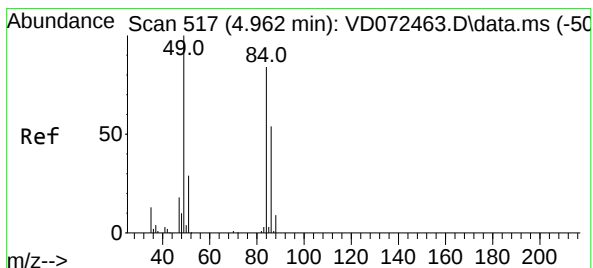
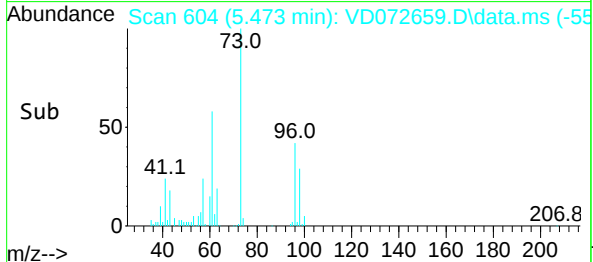
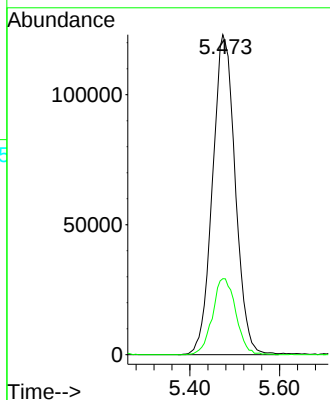
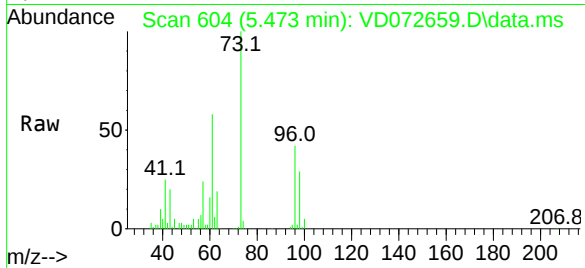
VSTDCCC050EC

Tgt Ion: 73 Resp: 432901

Ion Ratio Lower Upper

73 100

57 23.8 18.0 27.0



#20

Methylene Chloride

Concen: 46.563 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Tgt Ion: 84 Resp: 209586

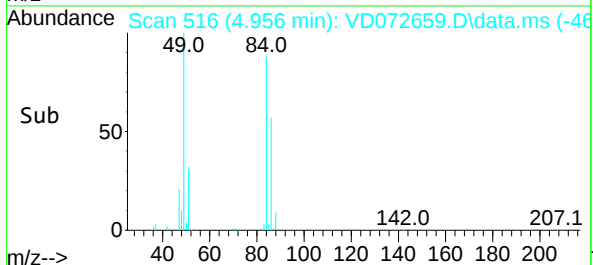
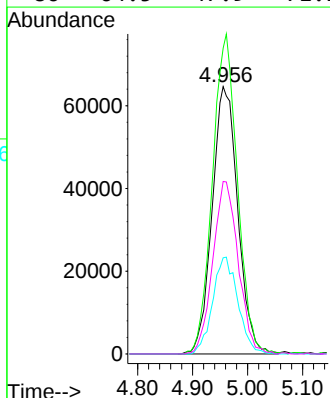
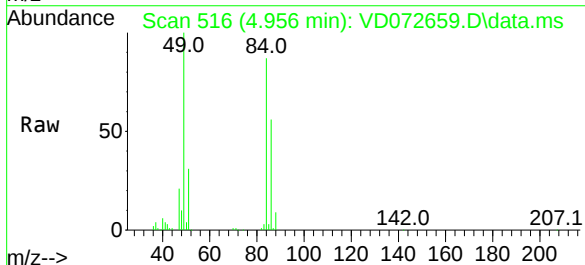
Ion Ratio Lower Upper

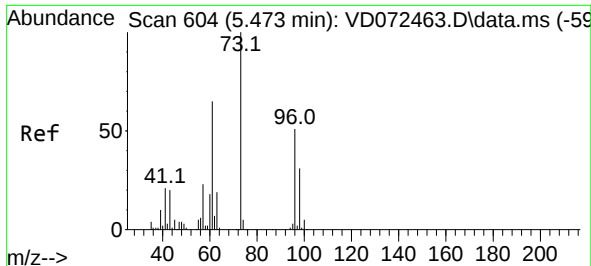
84 100

49 114.4 112.8 169.2

51 36.0 32.6 48.8

86 64.5 47.9 71.9

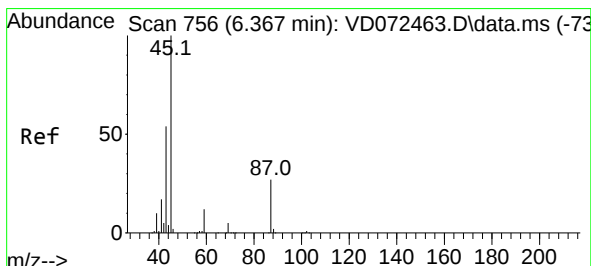
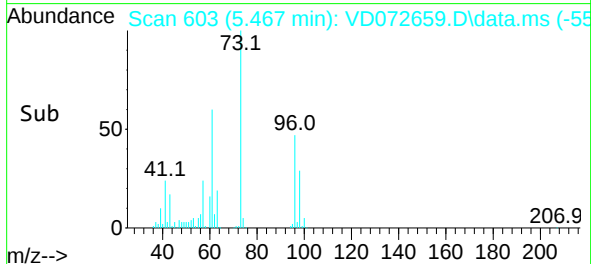
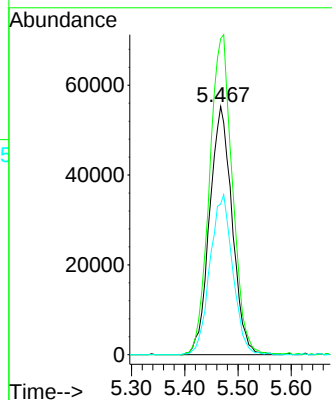
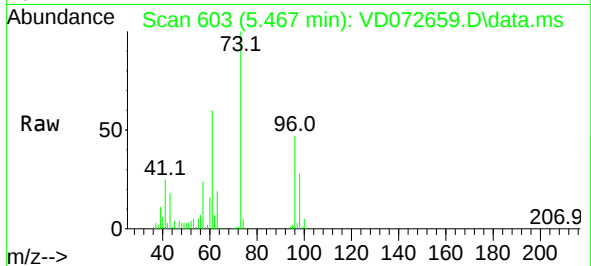




#21
trans-1,2-Dichloroethene
Concen: 44.310 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

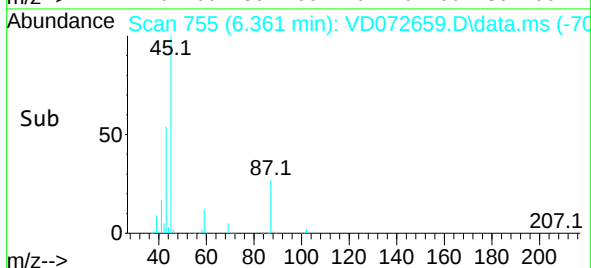
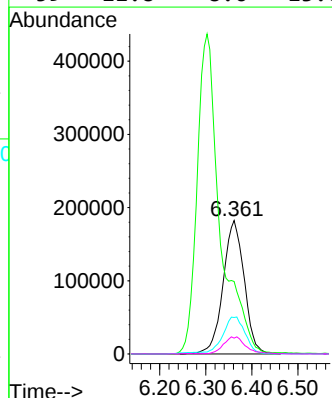
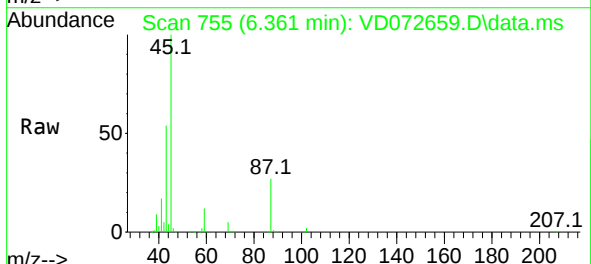
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

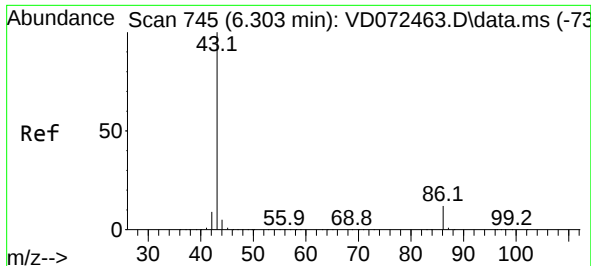
Tgt Ion: 96 Resp: 162502
Ion Ratio Lower Upper
96 100
61 127.3 117.9 176.9
98 60.7 49.4 74.2



#22
Diisopropyl ether
Concen: 47.878 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 45 Resp: 579126
Ion Ratio Lower Upper
45 100
43 53.3 46.6 70.0
87 27.1 18.4 27.6
59 11.8 8.6 13.0

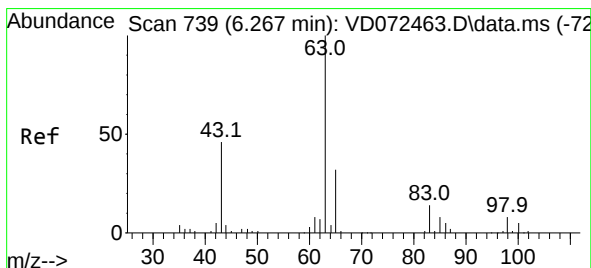
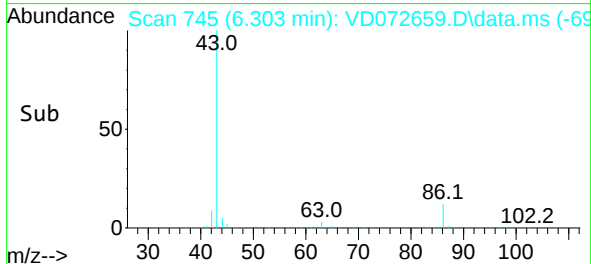
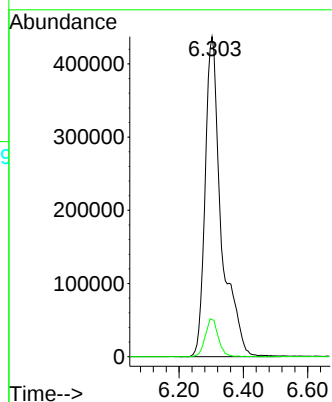
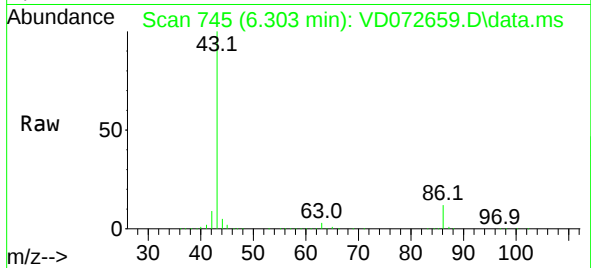




#23
 Vinyl Acetate
 Concen: 234.776 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072659.D
 Acq: 20 Apr 2022 20:52

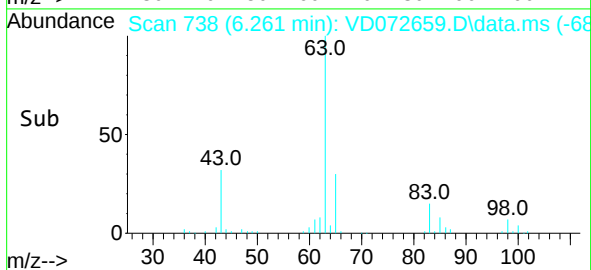
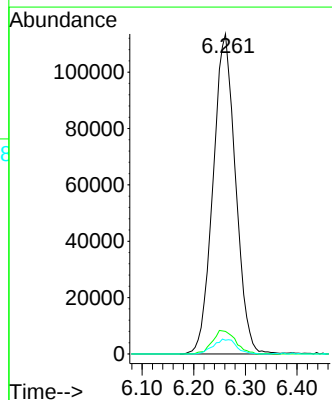
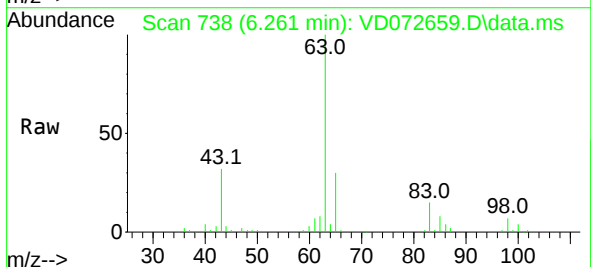
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

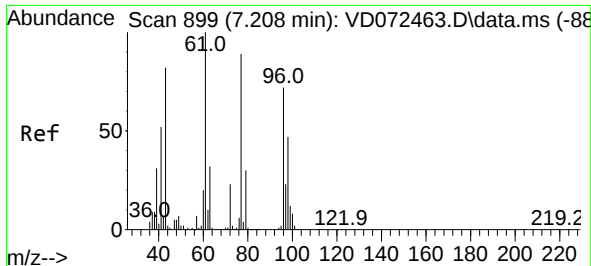
Tgt Ion: 43 Resp: 1524857
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 47.127 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD072659.D
 Acq: 20 Apr 2022 20:52

Tgt Ion: 63 Resp: 343500
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.3 2.1 6.5

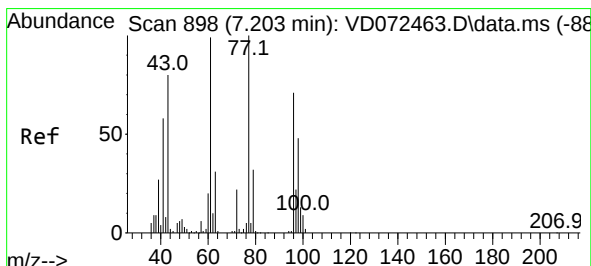
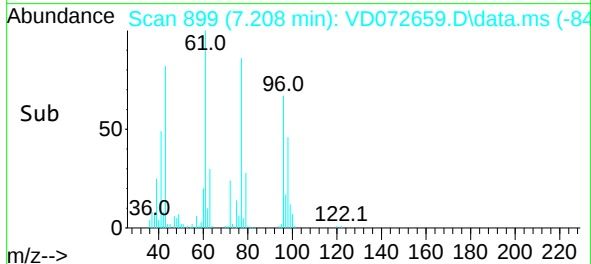
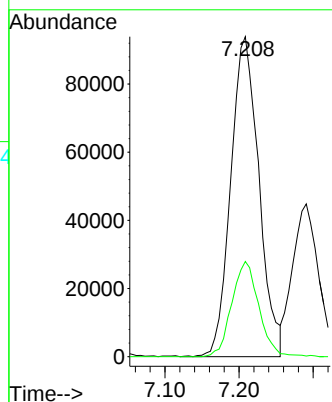
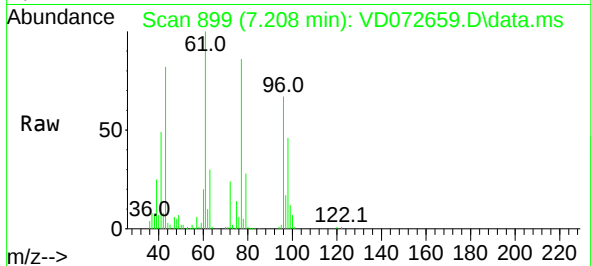




#25
2-Butanone
Concen: 237.205 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

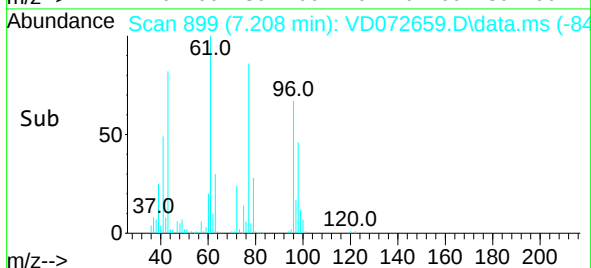
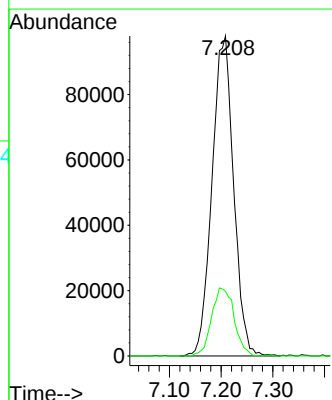
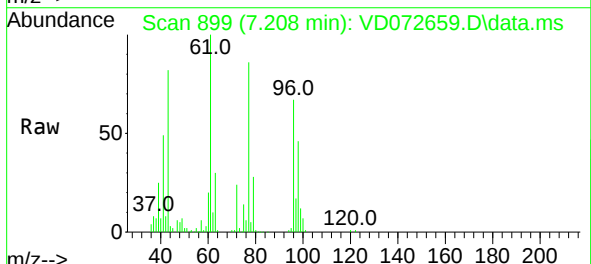
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

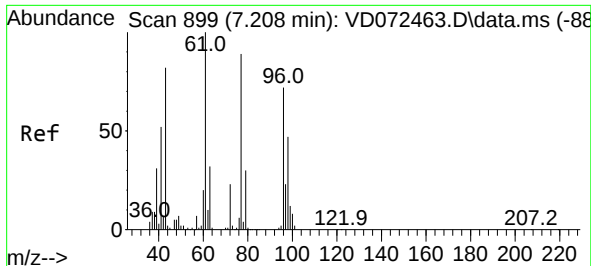
Tgt Ion: 43 Resp: 248039
Ion Ratio Lower Upper
43 100
72 29.7 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 43.861 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 77 Resp: 283954
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.4



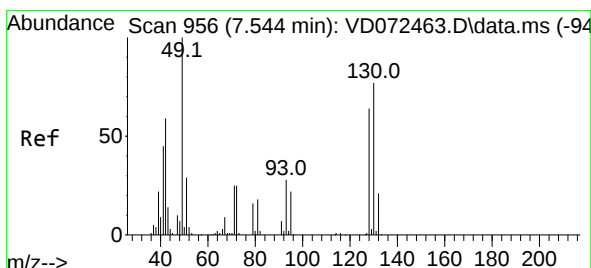
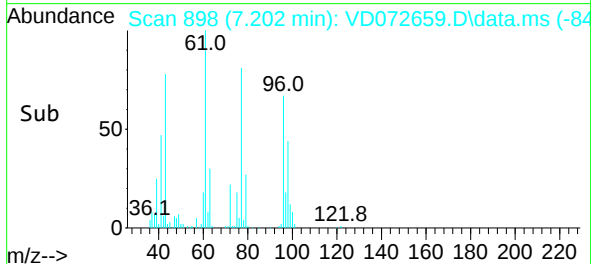
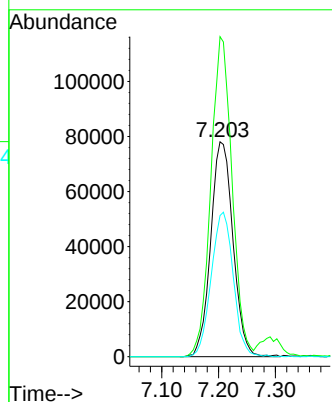
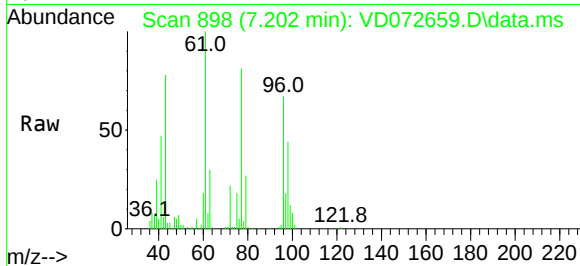


#27
 cis-1,2-Dichloroethene
 Concen: 46.568 ug/l
 RT: 7.202 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD072659.D
 Acq: 20 Apr 2022 20:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 212866

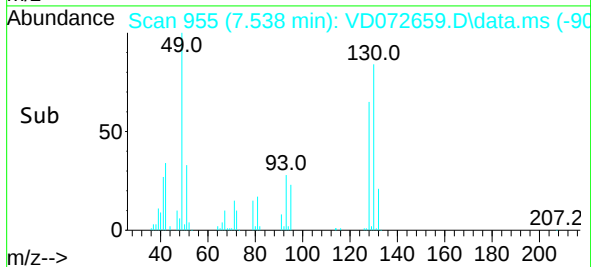
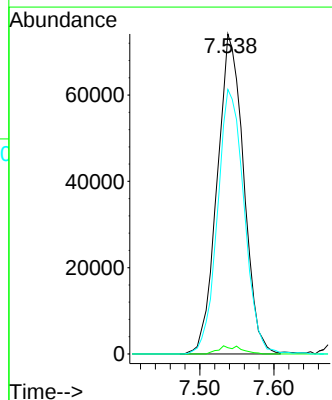
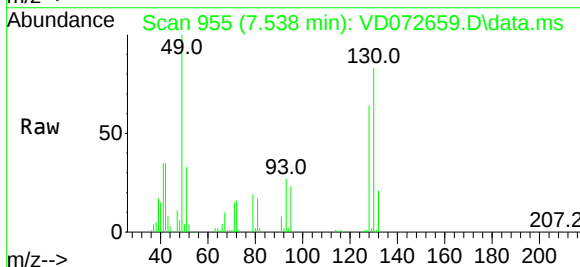
Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	313.8
98	66.5	0.0	128.8

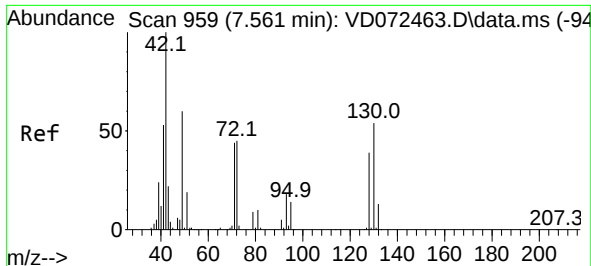


#28
 Bromochloromethane
 Concen: 58.908 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD072659.D
 Acq: 20 Apr 2022 20:52

Tgt Ion: 49 Resp: 183972

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	83.3	52.6	79.0





#29

Tetrahydrofuran

Concen: 250.127 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

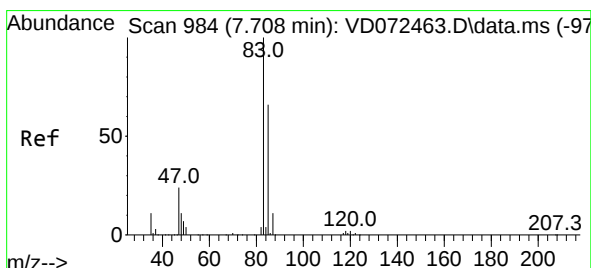
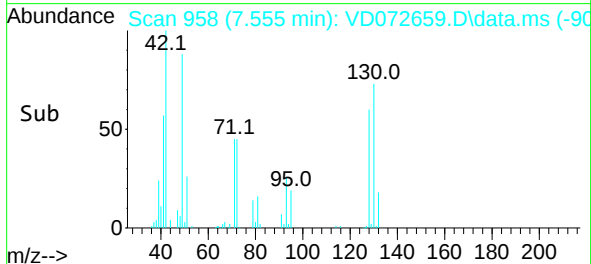
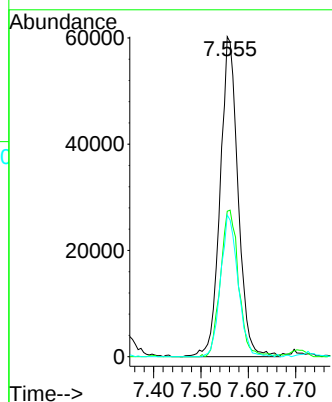
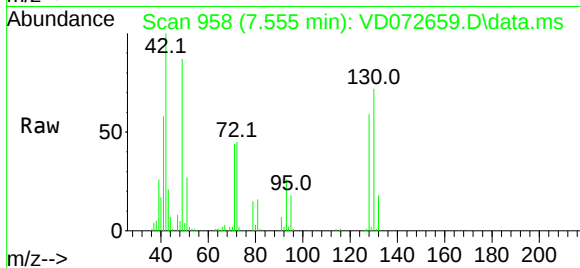
Tgt Ion: 42 Resp: 157910

Ion Ratio Lower Upper

42 100

72 46.5 30.7 46.1#

71 43.1 28.6 43.0#



#30

Chloroform

Concen: 46.435 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD072659.D

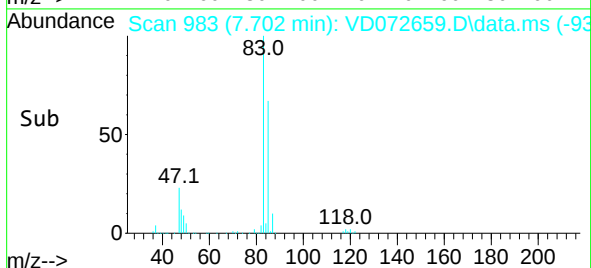
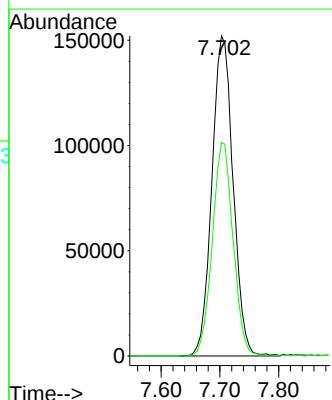
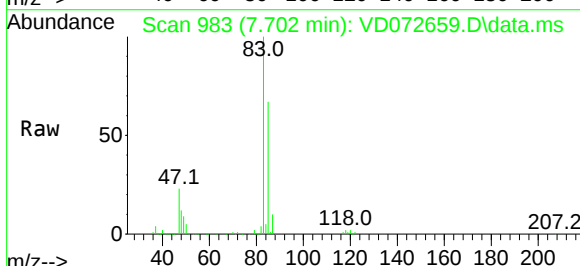
Acq: 20 Apr 2022 20:52

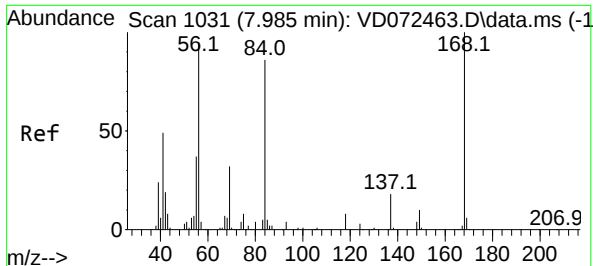
Tgt Ion: 83 Resp: 380723

Ion Ratio Lower Upper

83 100

85 66.7 52.7 79.1





#31

Cyclohexane

Concen: 45.433 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

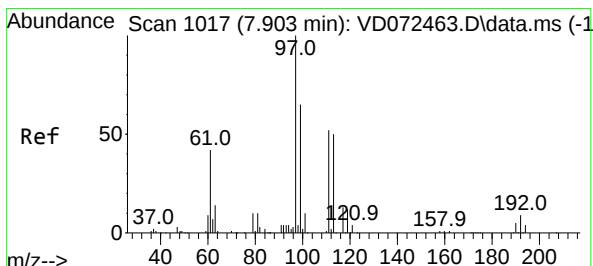
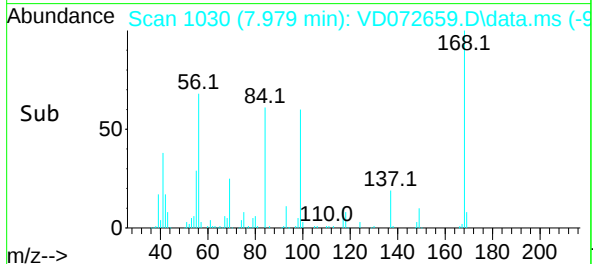
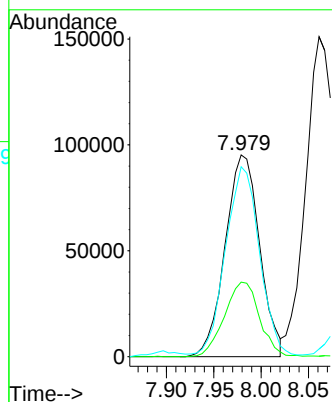
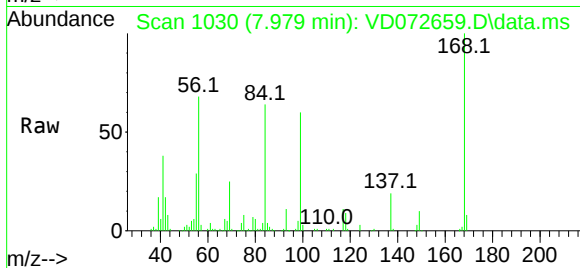
Tgt Ion: 56 Resp: 240880

Ion Ratio Lower Upper

56 100

69 36.9 25.4 38.2

84 92.5 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 46.542 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

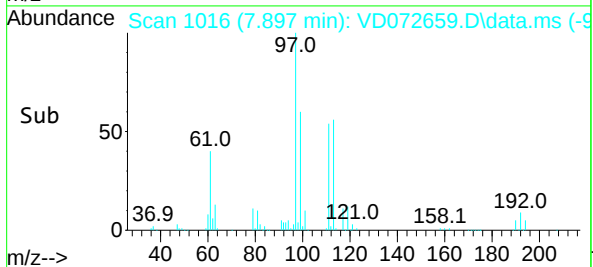
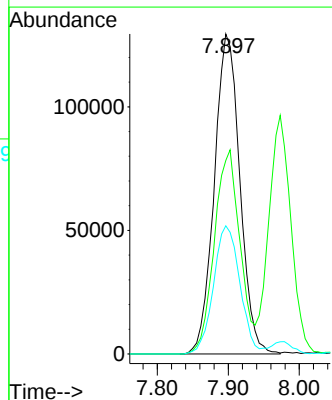
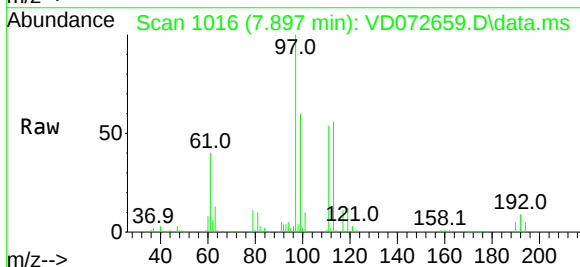
Tgt Ion: 97 Resp: 323661

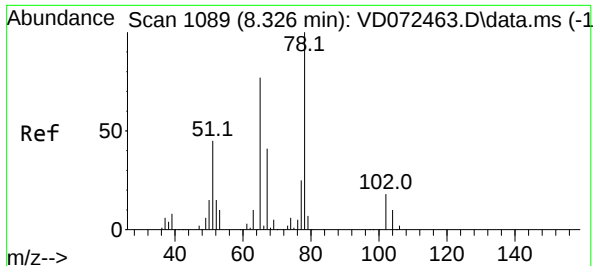
Ion Ratio Lower Upper

97 100

99 64.1 52.4 78.6

61 41.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 54.174 ug/l

RT: 8.320 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

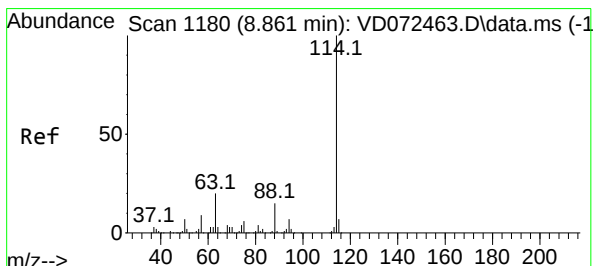
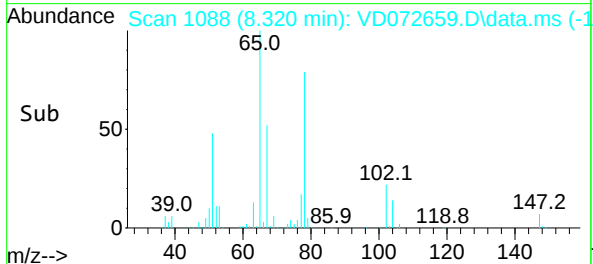
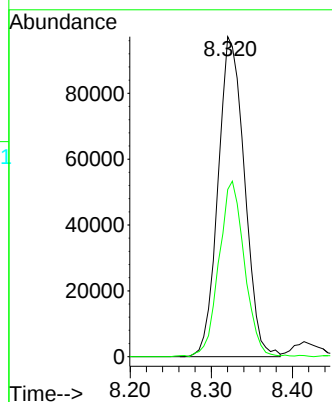
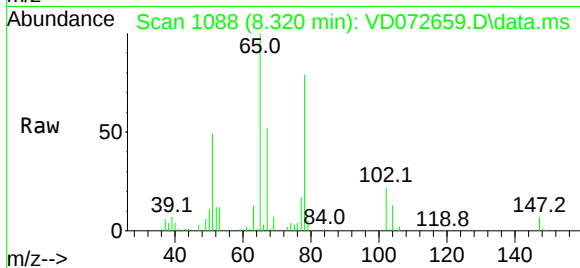
VSTDCCC050EC

Tgt Ion: 65 Resp: 219662

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

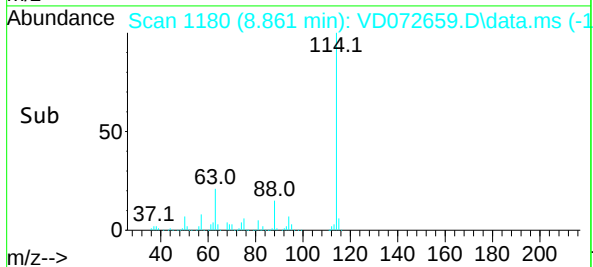
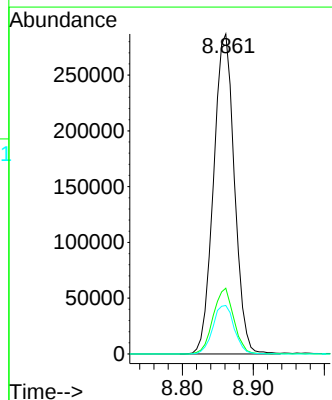
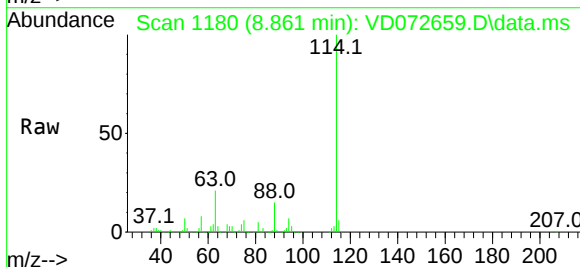
Tgt Ion: 114 Resp: 584178

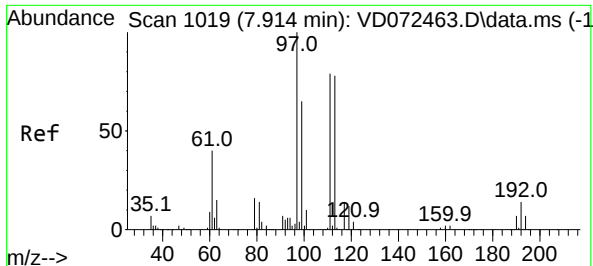
Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.447 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

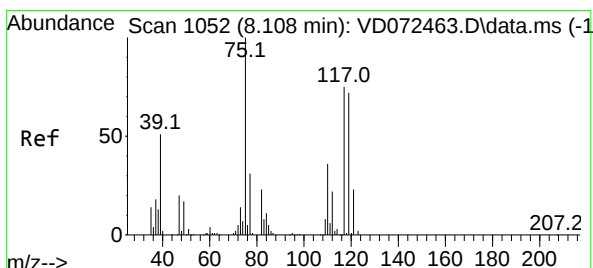
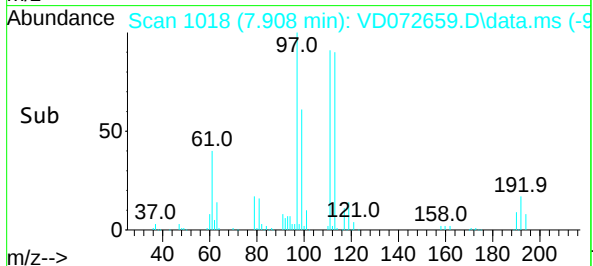
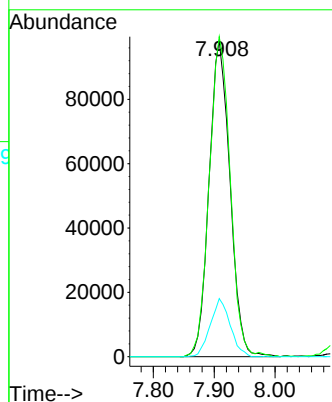
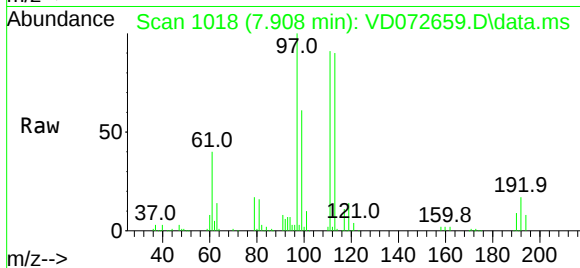
Tgt Ion:113 Resp: 233562

Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 17.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 41.172 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

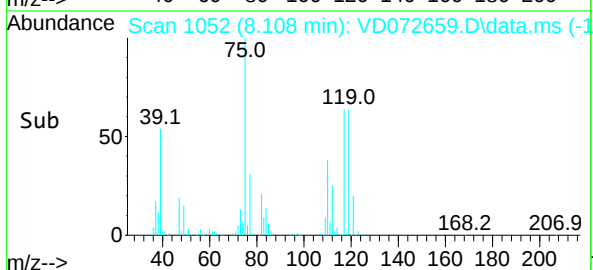
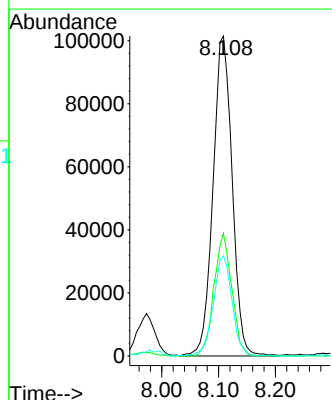
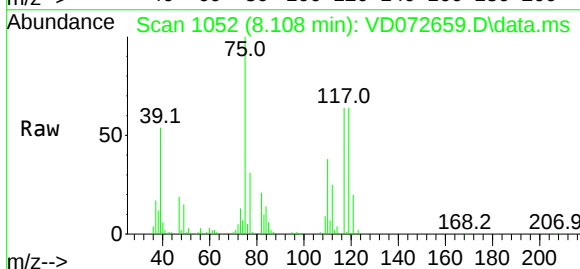
Tgt Ion: 75 Resp: 237686

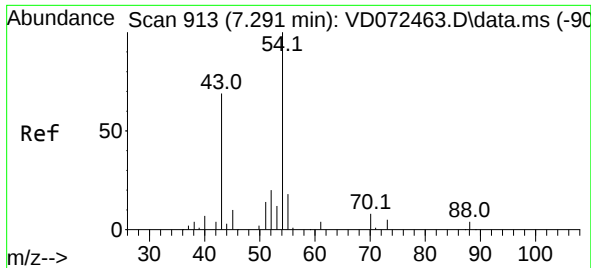
Ion Ratio Lower Upper

75 100

110 35.6 16.4 49.1

77 30.7 24.2 36.2

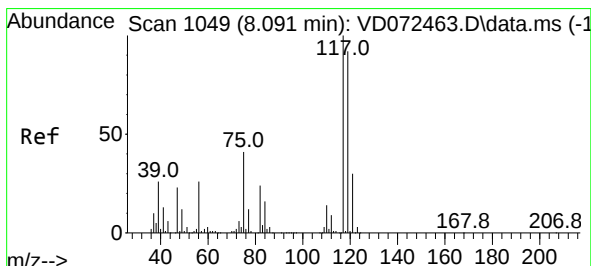
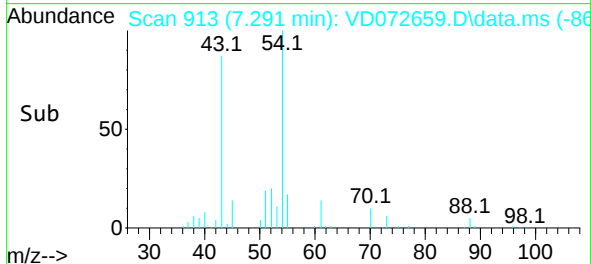
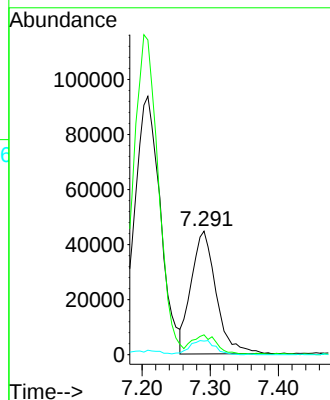
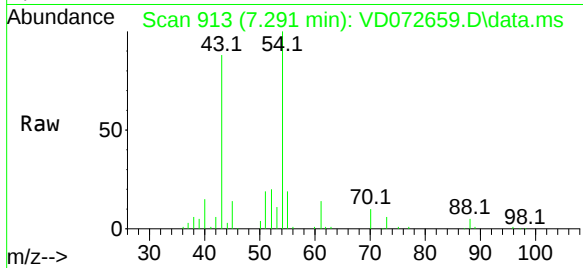




#37
Ethyl Acetate
Concen: 46.939 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

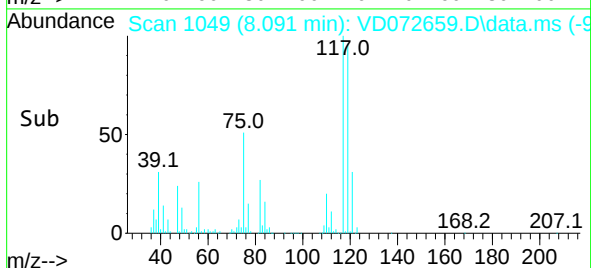
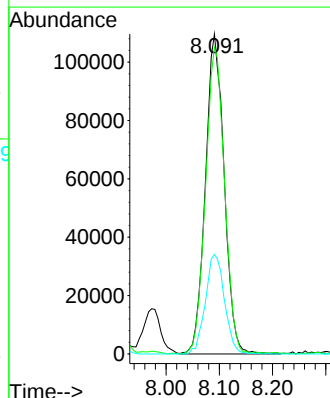
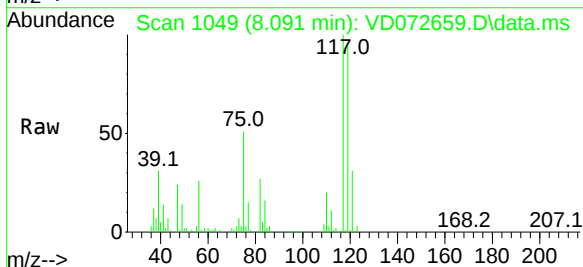
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

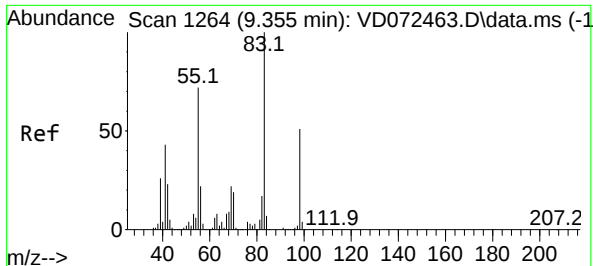
Tgt Ion: 43 Resp: 112914
Ion Ratio Lower Upper
43 100
61 15.2 9.8 14.8#
70 11.8 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 42.937 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 117 Resp: 268547
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.6
121 31.2 24.5 36.7





#39

Methylcyclohexane

Concen: 43.458 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

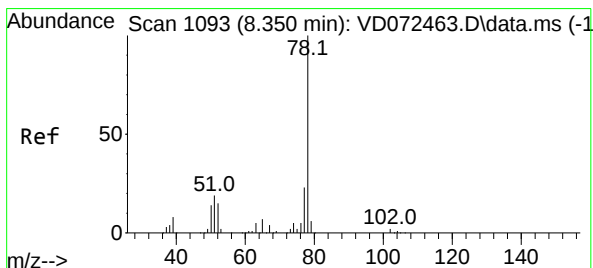
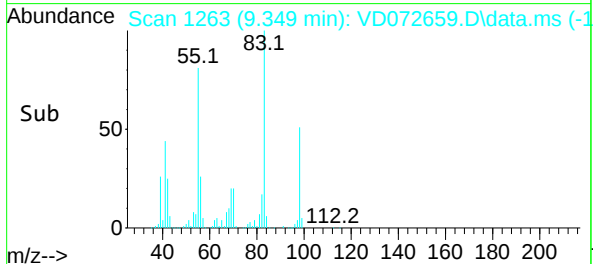
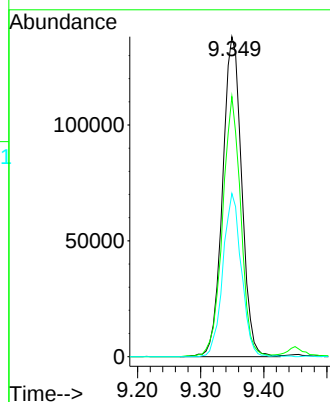
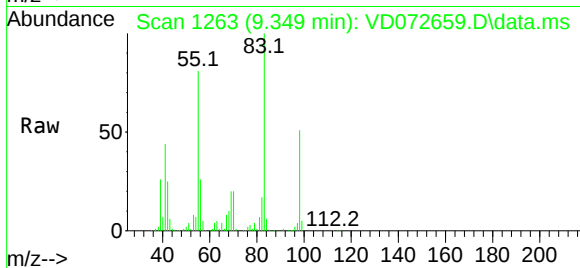
Tgt Ion: 83 Resp: 290927

Ion Ratio Lower Upper

83 100

55 81.3 63.2 94.8

98 51.0 38.2 57.4



#40

Benzene

Concen: 45.331 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072659.D

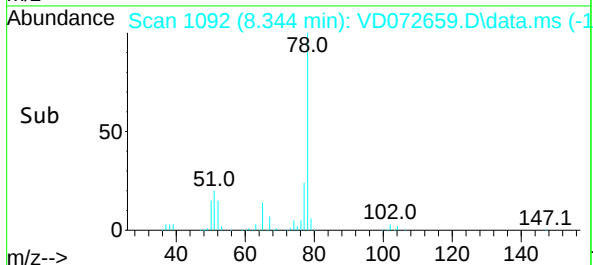
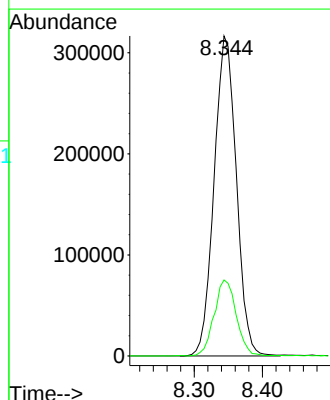
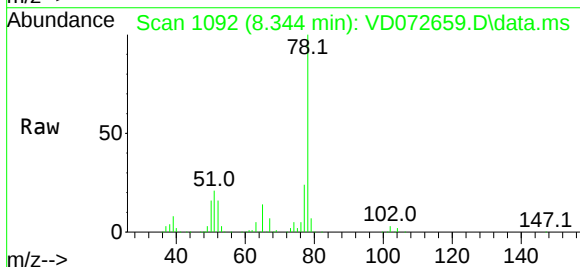
Acq: 20 Apr 2022 20:52

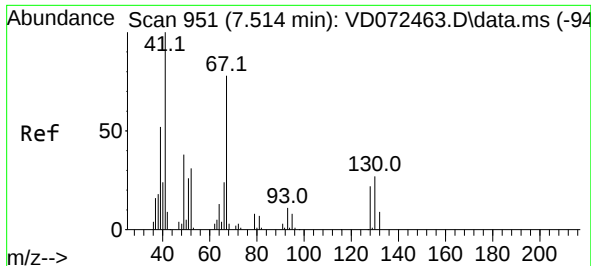
Tgt Ion: 78 Resp: 718731

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7

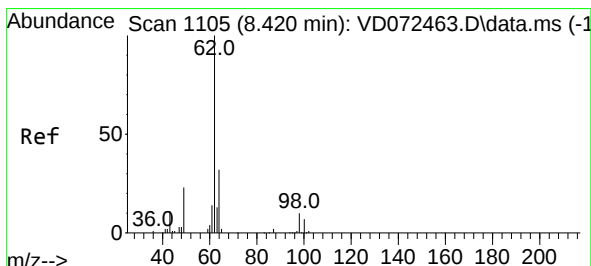
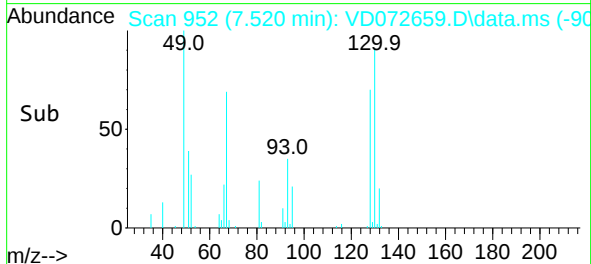
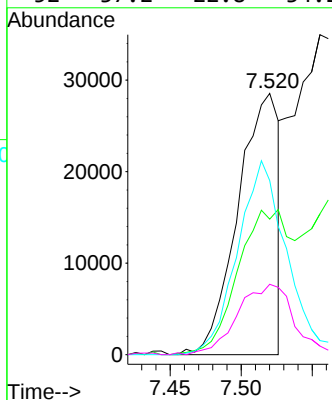
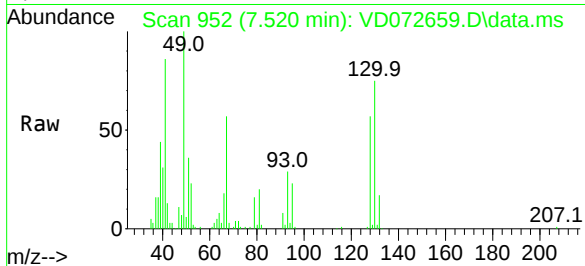




#41
Methacrylonitrile
Concen: 41.191 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

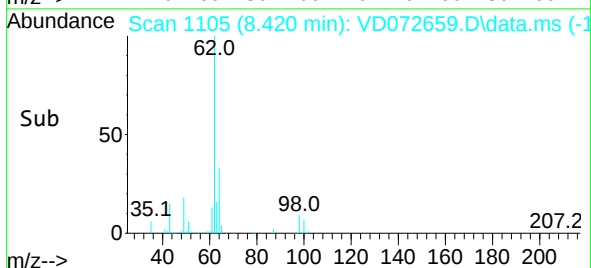
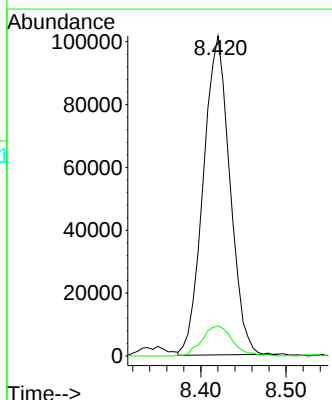
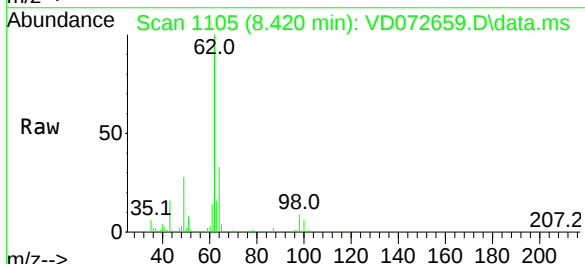
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

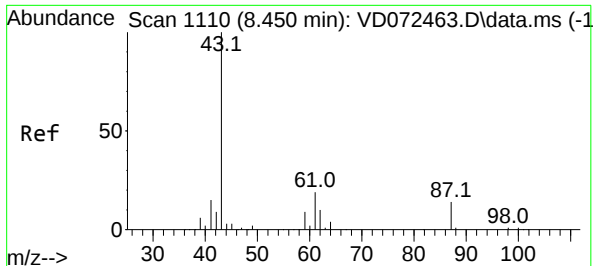
Tgt Ion: 41 Resp: 57484
Ion Ratio Lower Upper
41 100
39 72.3 44.6 67.0#
67 88.9 48.2 72.4#
52 37.2 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 45.277 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 62 Resp: 219420
Ion Ratio Lower Upper
62 100
98 10.8 0.0 17.6





#43

Isopropyl Acetate

Concen: 48.673 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

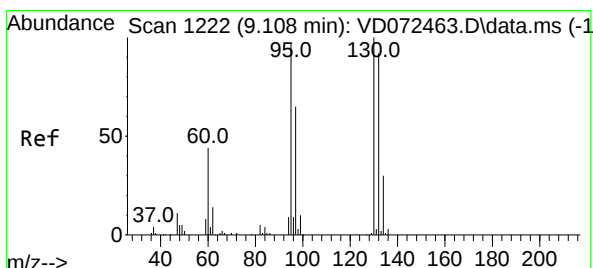
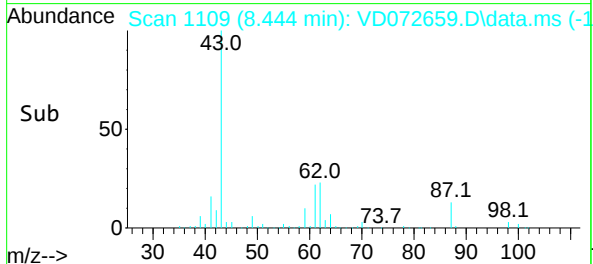
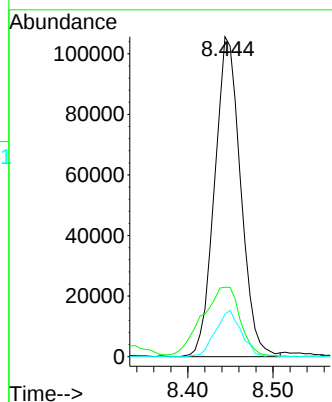
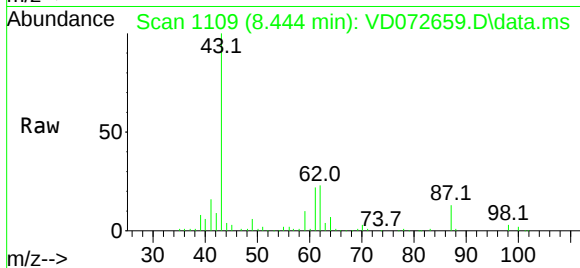
Tgt Ion: 43 Resp: 224593

Ion Ratio Lower Upper

43 100

61 32.1 22.4 33.6

87 14.3 8.7 13.1#



#44

Trichloroethene

Concen: 44.647 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD072659.D

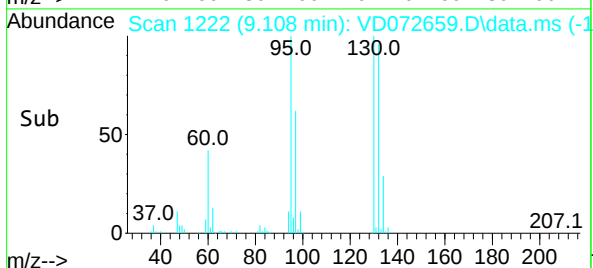
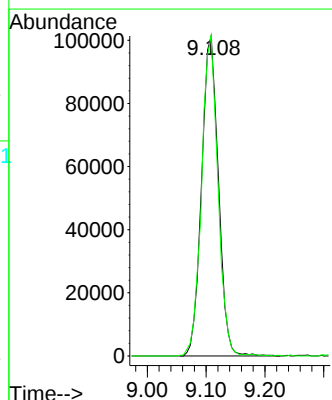
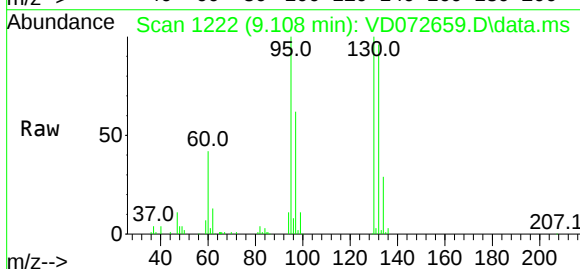
Acq: 20 Apr 2022 20:52

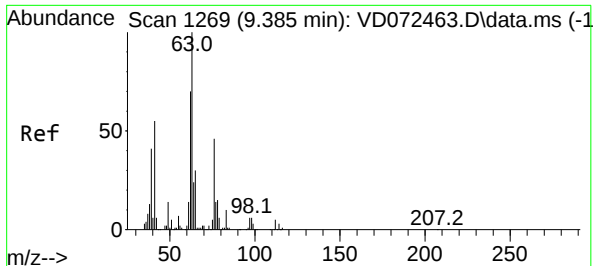
Tgt Ion:130 Resp: 200965

Ion Ratio Lower Upper

130 100

95 99.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 45.674 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

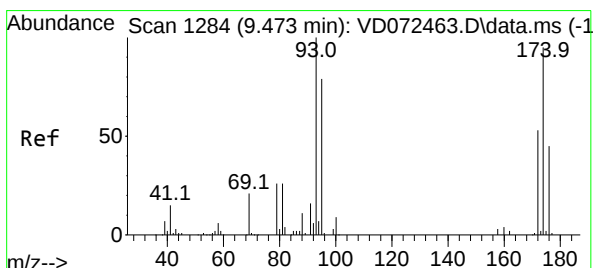
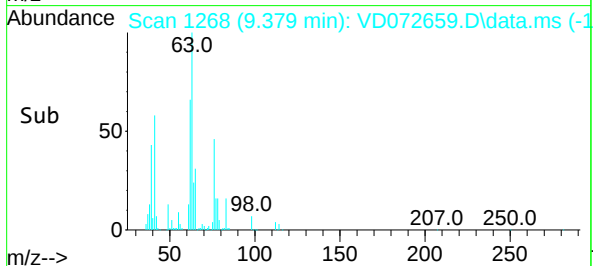
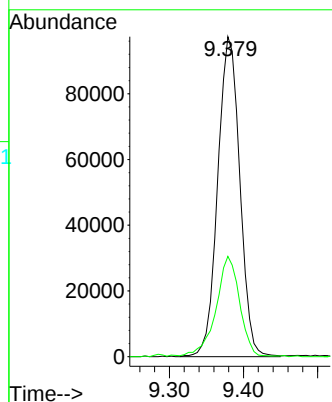
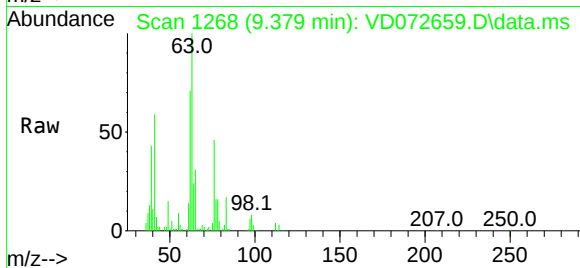
VSTDCCC050EC

Tgt Ion: 63 Resp: 201444

Ion Ratio Lower Upper

63 100

65 31.2 26.2 39.4



#46

Dibromomethane

Concen: 46.192 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

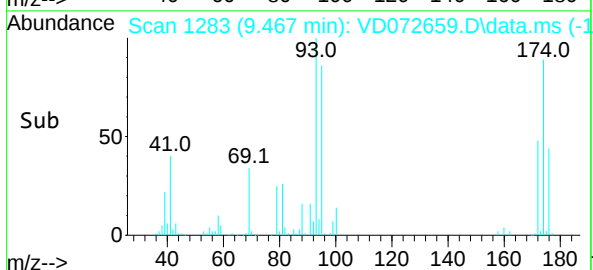
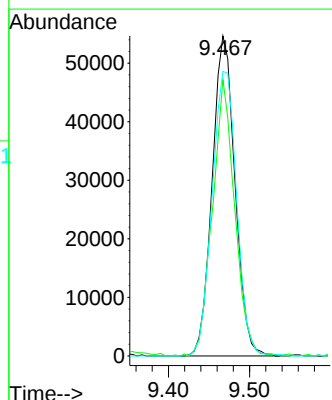
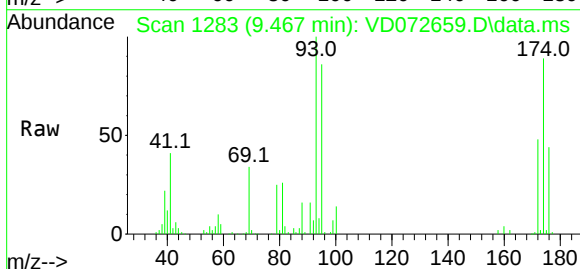
Tgt Ion: 93 Resp: 106886

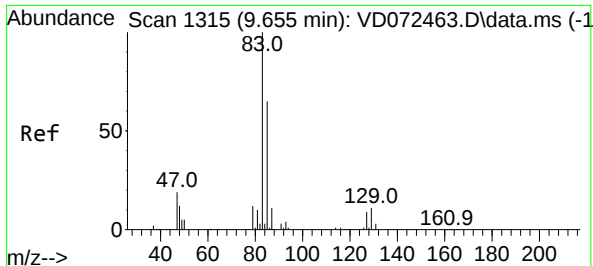
Ion Ratio Lower Upper

93 100

95 84.1 66.7 100.1

174 95.6 71.6 107.4





#47

Bromodichloromethane

Concen: 45.290 ug/l

RT: 9.655 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

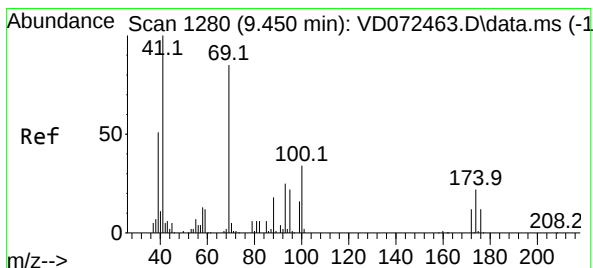
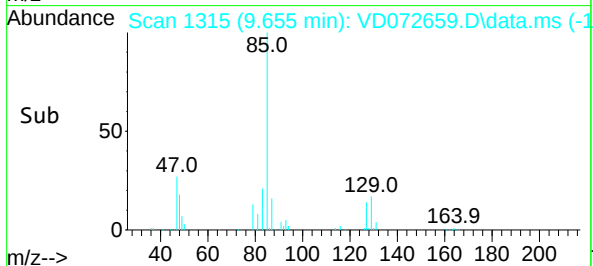
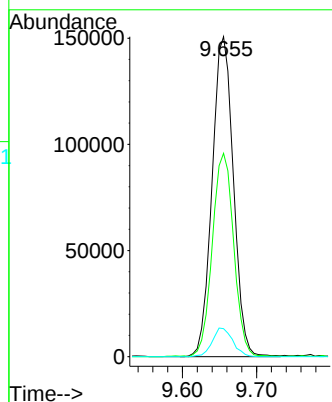
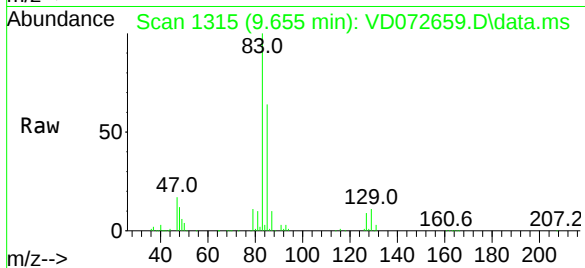
Tgt Ion: 83 Resp: 301078

Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.0

127 8.8 6.1 9.1



#48

Methyl methacrylate

Concen: 50.593 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

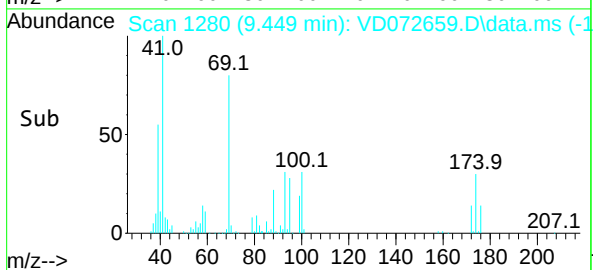
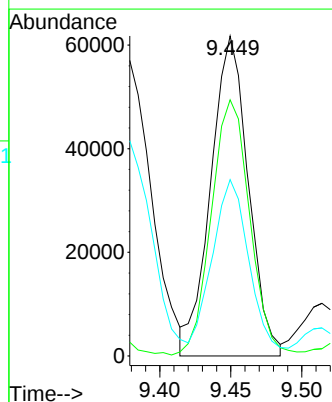
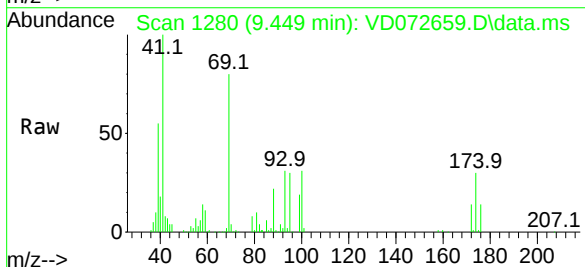
Tgt Ion: 41 Resp: 113339

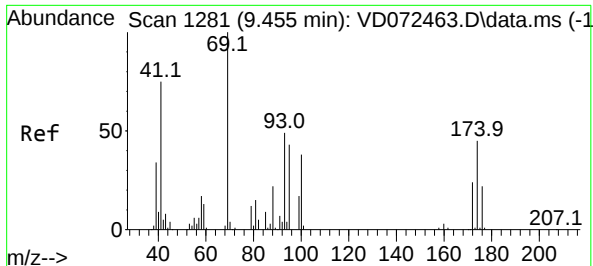
Ion Ratio Lower Upper

41 100

69 82.3 56.7 85.1

39 55.1 42.7 64.1





#49

1,4-Dioxane

Concen: 993.322 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD072659.D

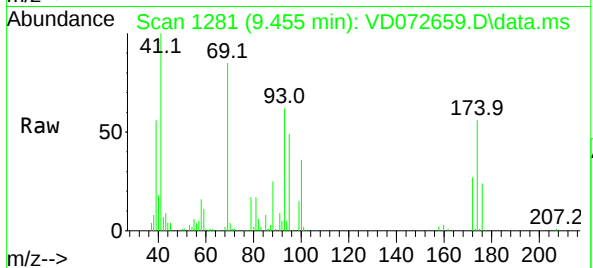
Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



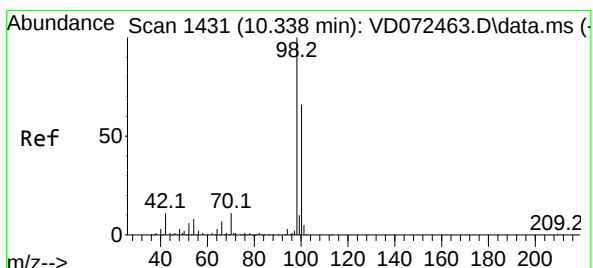
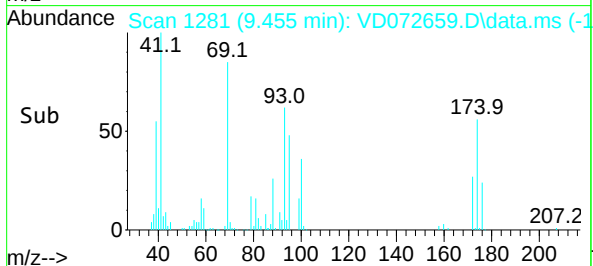
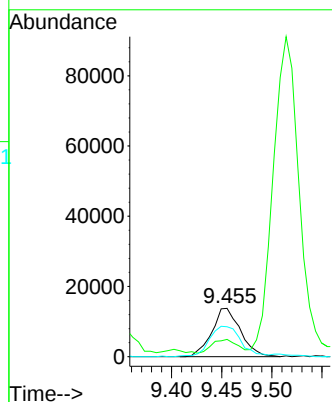
Tgt Ion: 88 Resp: 27342

Ion Ratio Lower Upper

88 100

43 24.7 31.0 46.4#

58 69.0 58.1 87.1



#50

Toluene-d8

Concen: 49.740 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072659.D

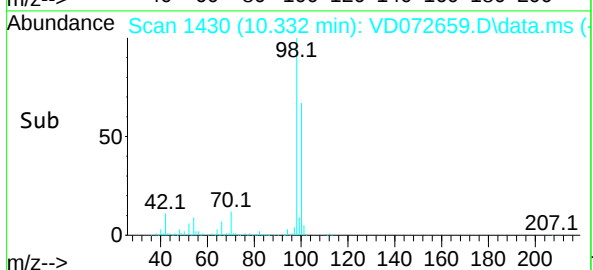
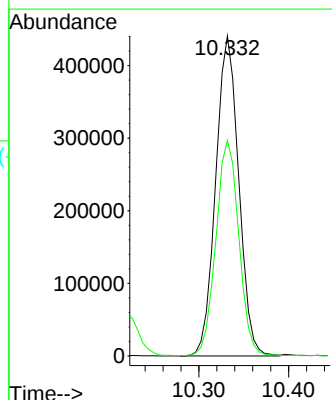
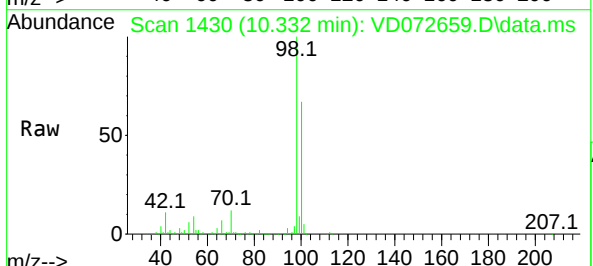
Acq: 20 Apr 2022 20:52

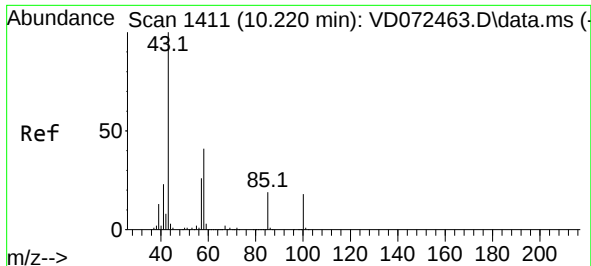
Tgt Ion: 98 Resp: 784937

Ion Ratio Lower Upper

98 100

100 66.9 52.4 78.6

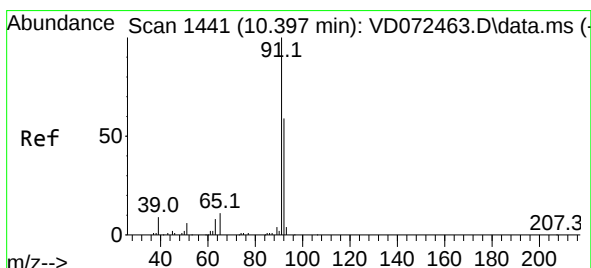
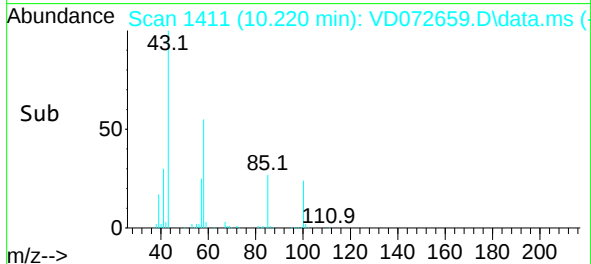
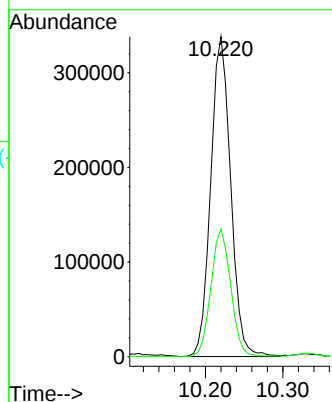
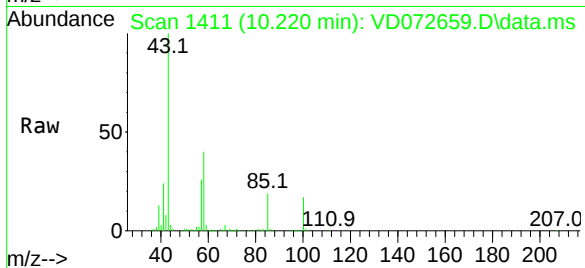




#51
4-Methyl-2-Pentanone
Concen: 244.091 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

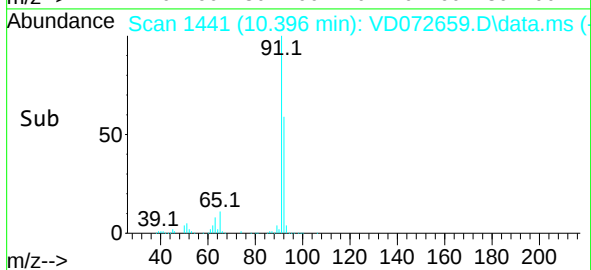
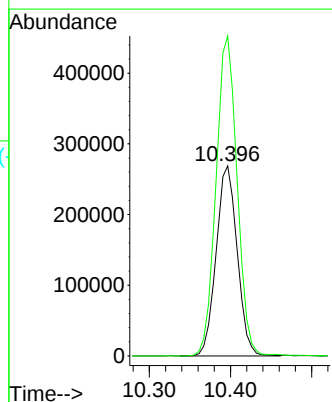
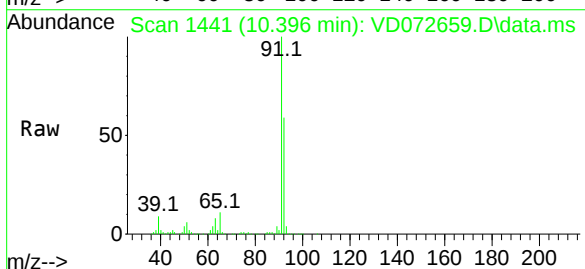
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

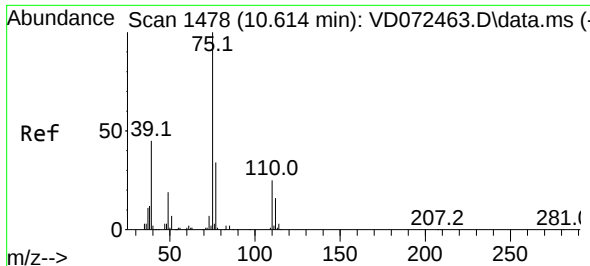
Tgt Ion: 43 Resp: 604352
Ion Ratio Lower Upper
43 100
58 39.7 28.6 43.0



#52
Toluene
Concen: 45.977 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 92 Resp: 484278
Ion Ratio Lower Upper
92 100
91 168.6 139.6 209.4

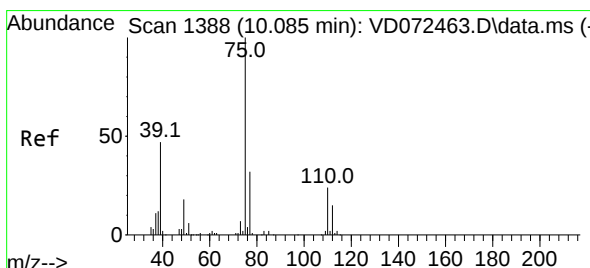
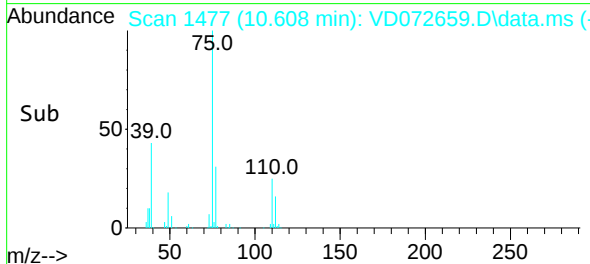
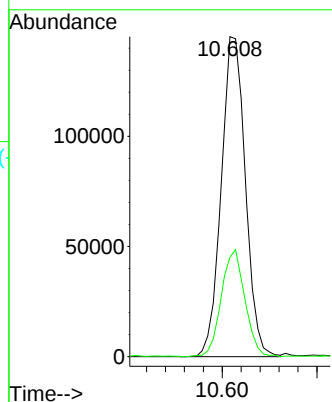
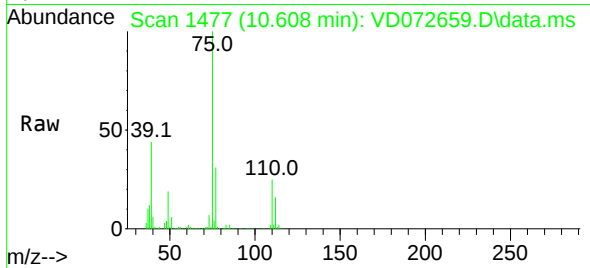




#53
t-1,3-Dichloropropene
Concen: 44.368 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

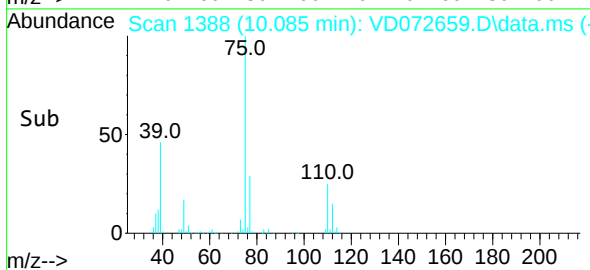
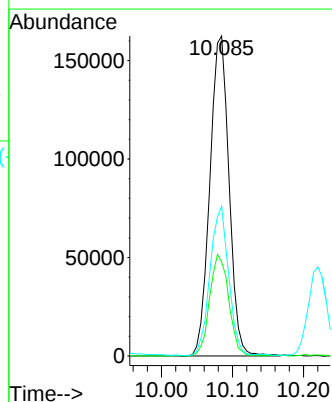
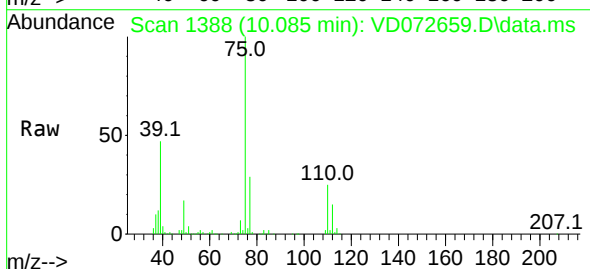
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

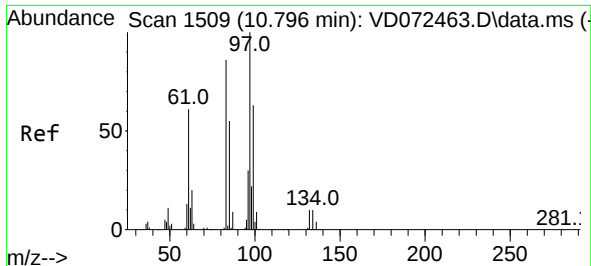
Tgt Ion: 75 Resp: 257023
Ion Ratio Lower Upper
75 100
77 31.1 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 44.502 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 75 Resp: 304796
Ion Ratio Lower Upper
75 100
77 29.2 24.8 37.2
39 46.6 46.8 70.2#



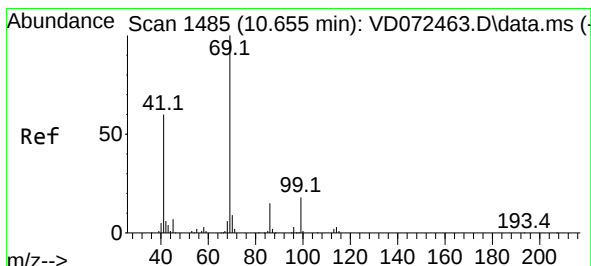
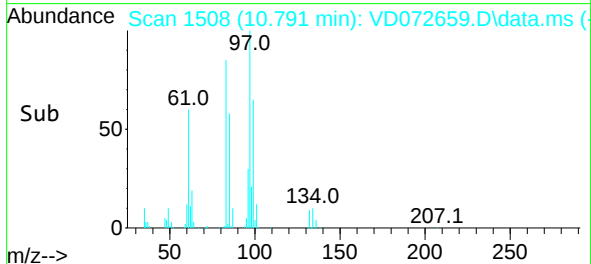
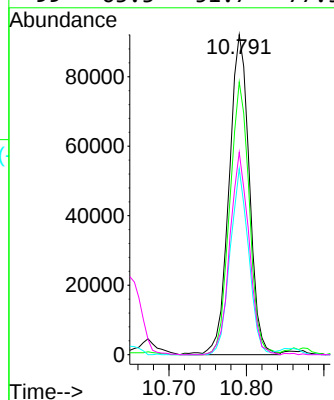
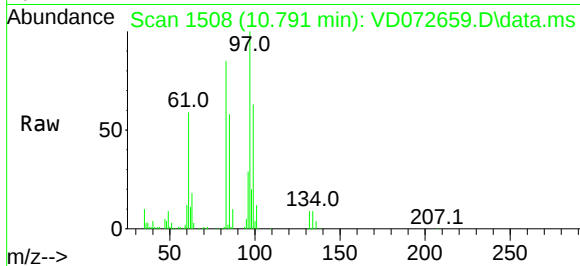


#55
1,1,2-Trichloroethane
Concen: 47.752 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 167516

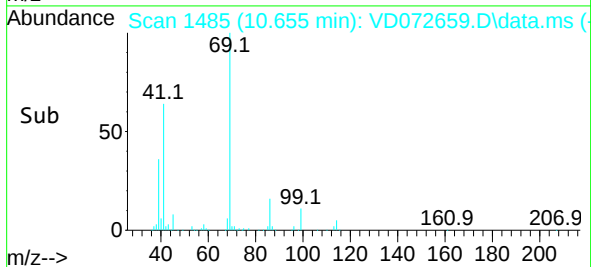
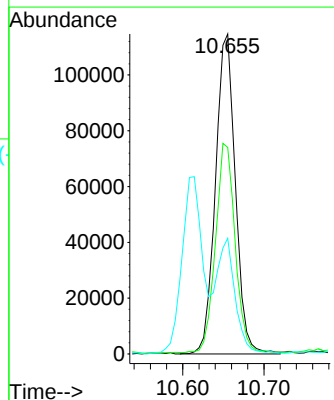
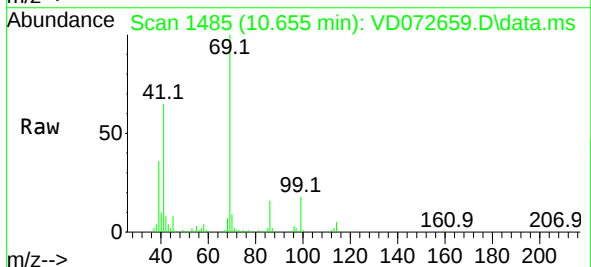
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.0	103.4
85	58.1	42.6	63.8
99	63.3	51.7	77.5

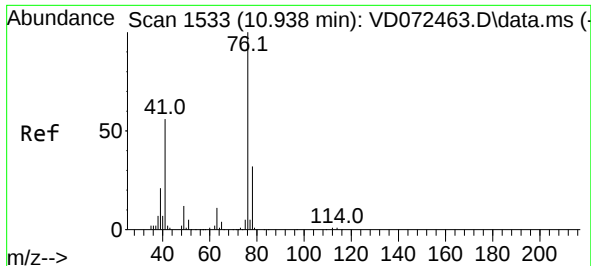


#56
Ethyl methacrylate
Concen: 45.439 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 69 Resp: 195517

Ion	Ratio	Lower	Upper
69	100		
41	65.5	63.0	94.6
39	34.3	33.8	50.8

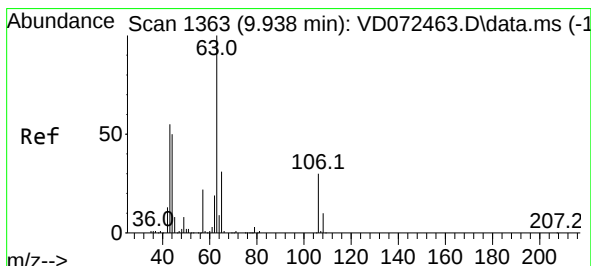
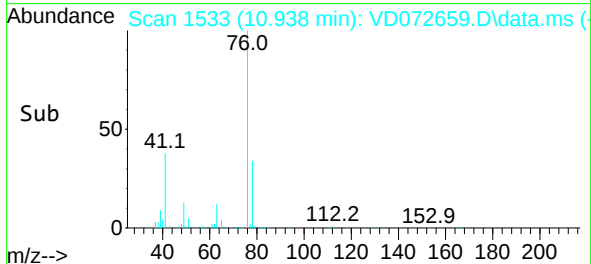
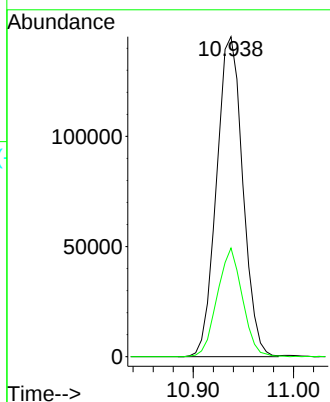
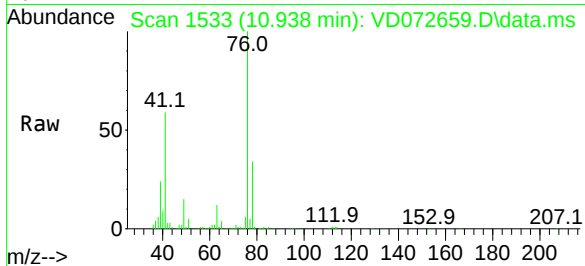




#57
1,3-Dichloropropane
Concen: 45.536 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

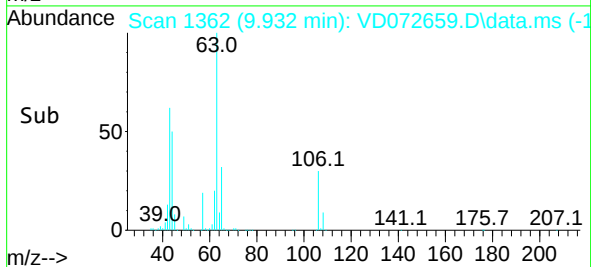
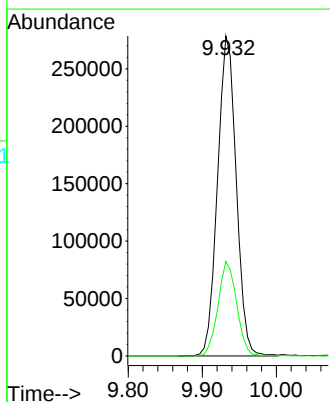
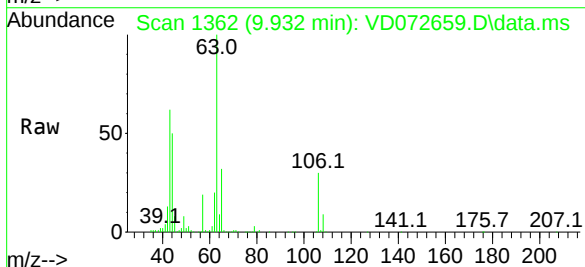
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

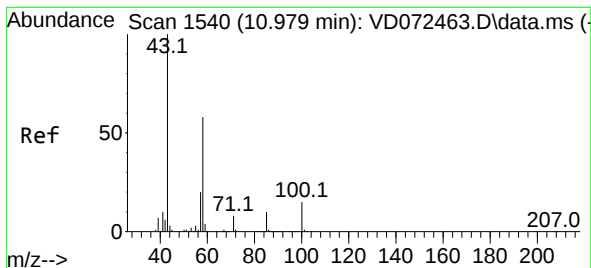
Tgt Ion: 76 Resp: 264087
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 281.943 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 63 Resp: 488307
Ion Ratio Lower Upper
63 100
106 29.5 21.4 32.0

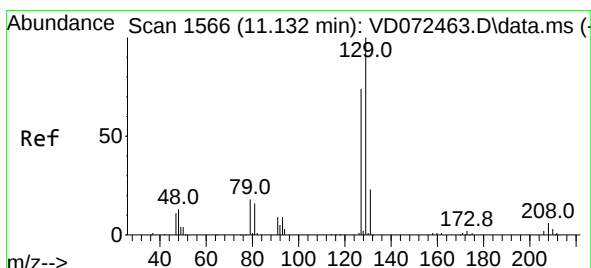
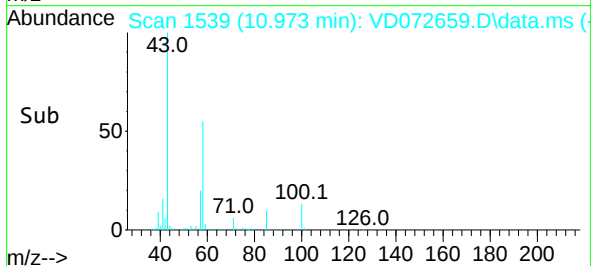
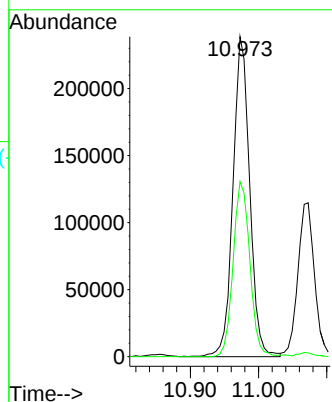
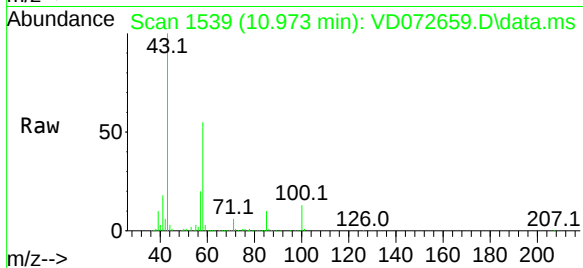




#59
2-Hexanone
Concen: 241.833 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

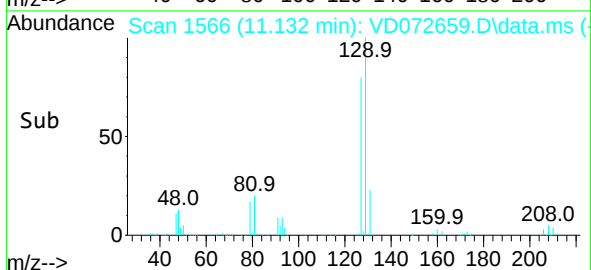
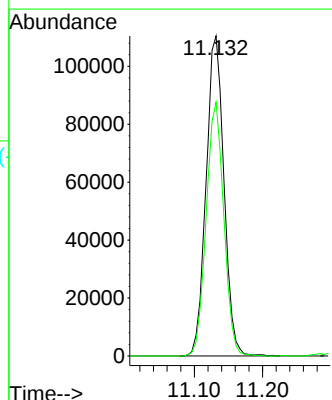
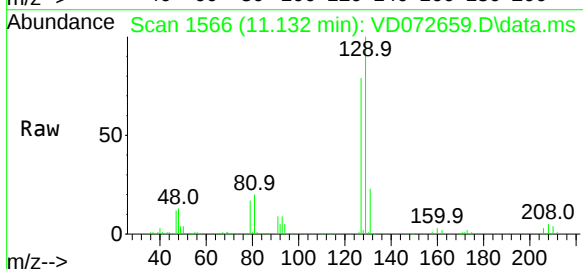
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

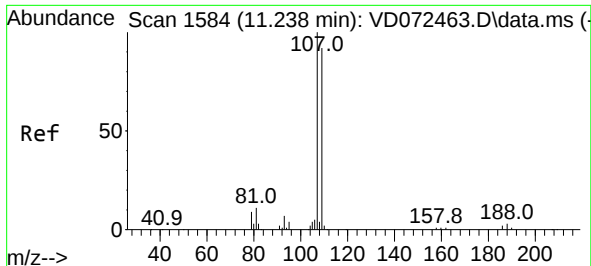
Tgt Ion: 43 Resp: 407170
Ion Ratio Lower Upper
43 100
58 54.6 25.3 75.9



#60
Dibromochloromethane
Concen: 44.519 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 129 Resp: 201458
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6

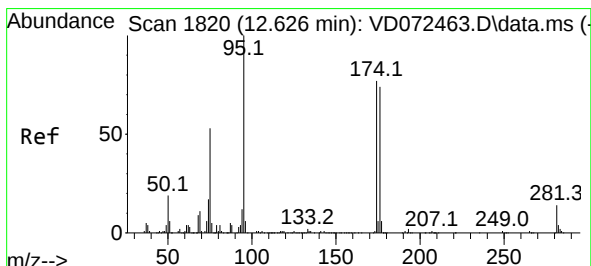
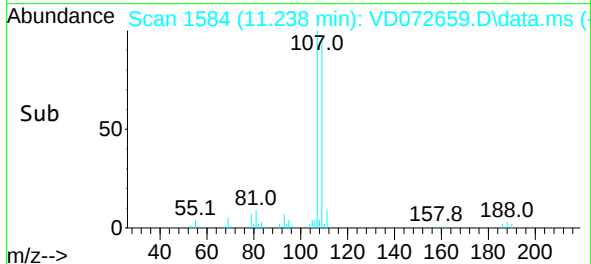
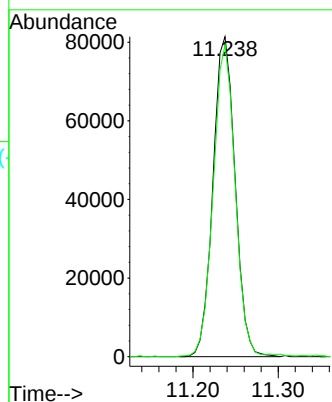
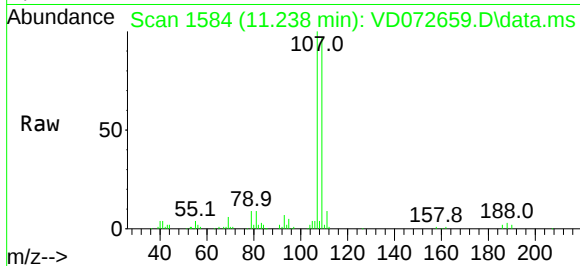




#61
1,2-Dibromoethane
Concen: 47.124 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

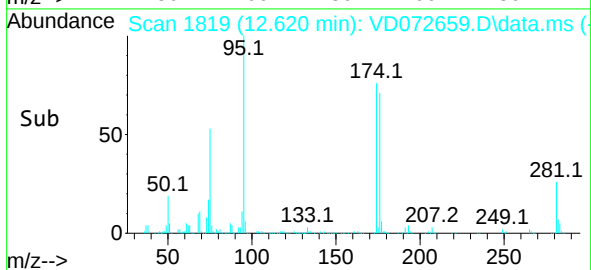
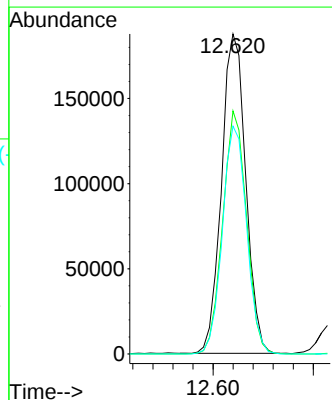
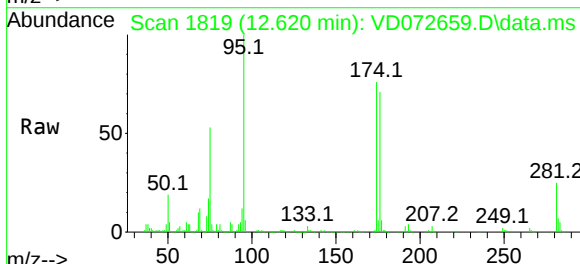
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

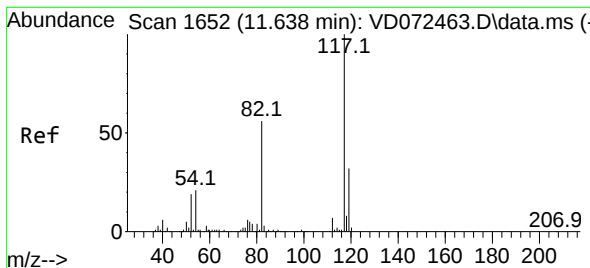
Tgt Ion:107 Resp: 146778
Ion Ratio Lower Upper
107 100
109 96.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.893 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 95 Resp: 313661
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 71.4 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

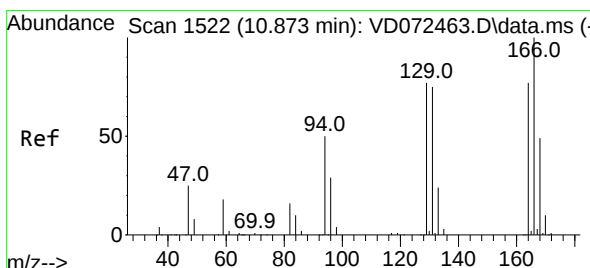
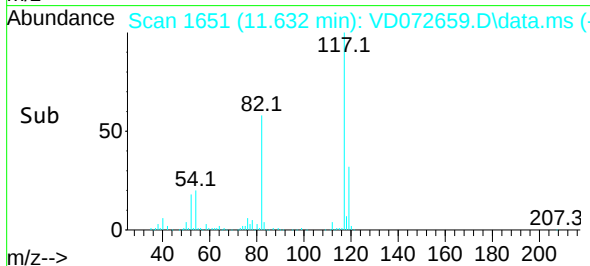
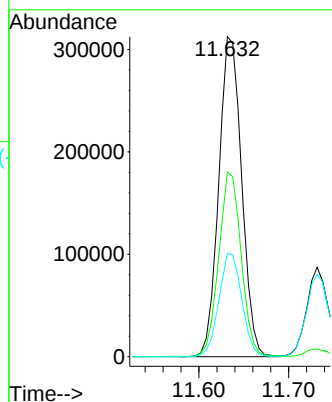
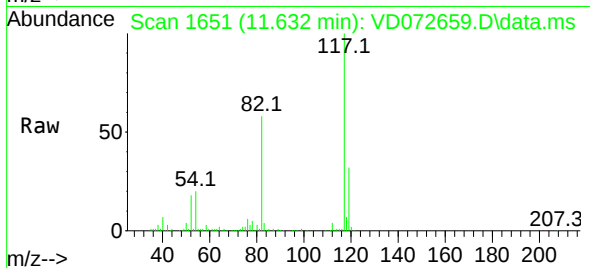
Tgt Ion:117 Resp: 553646

Ion Ratio Lower Upper

117 100

82 57.6 45.3 67.9

119 32.3 26.6 40.0



#64

Tetrachloroethene

Concen: 42.105 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Tgt Ion:164 Resp: 152307

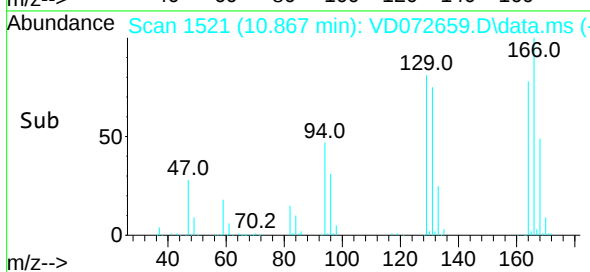
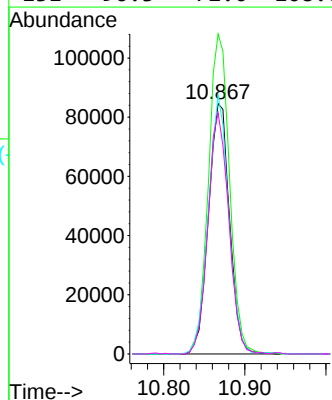
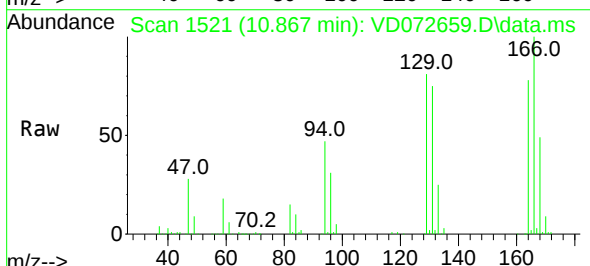
Ion Ratio Lower Upper

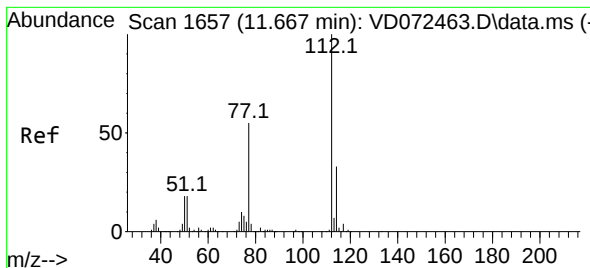
164 100

166 127.9 98.5 147.7

129 103.4 74.6 111.8

131 96.3 72.0 108.0

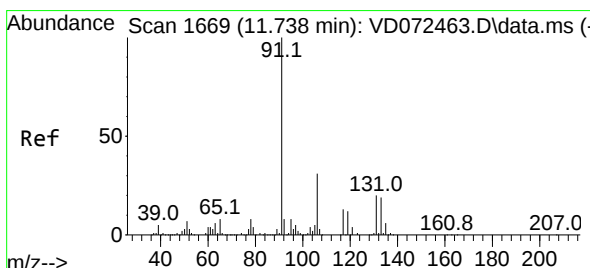
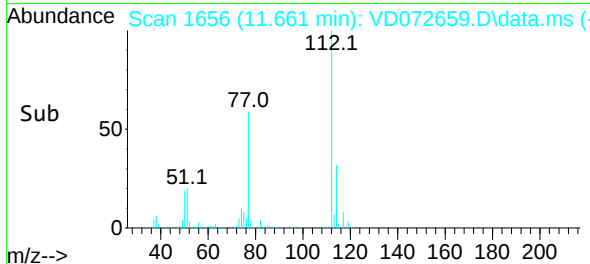
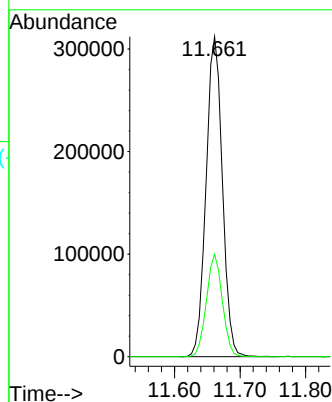
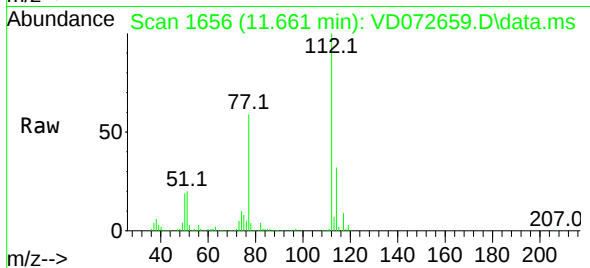




#65
Chlorobenzene
Concen: 43.609 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

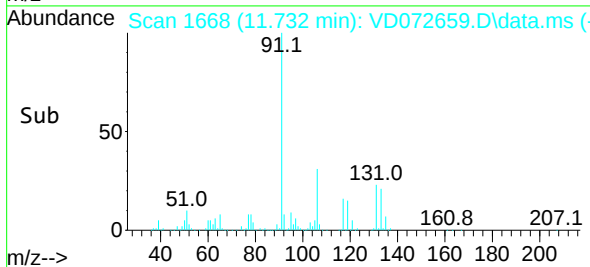
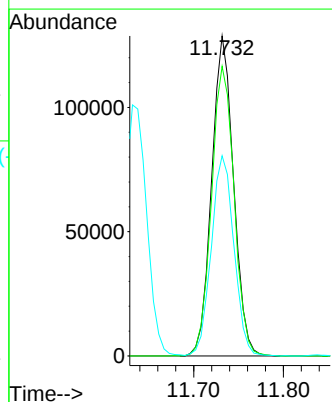
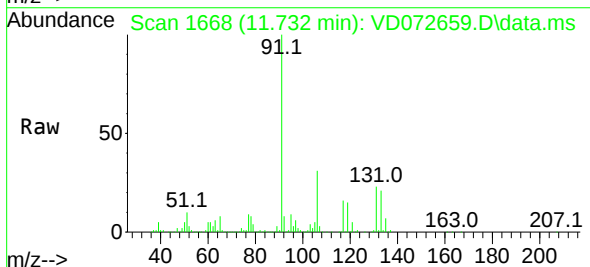
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

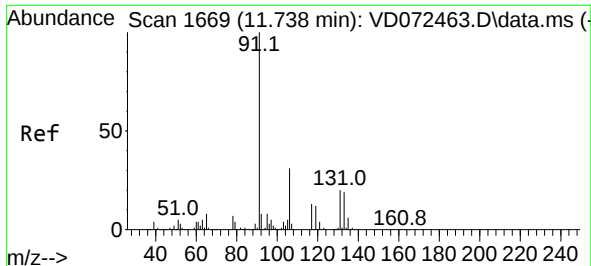
Tgt Ion:112 Resp: 539799
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 44.068 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion:131 Resp: 218085
Ion Ratio Lower Upper
131 100
133 93.5 48.1 144.3
119 64.6 31.9 95.9

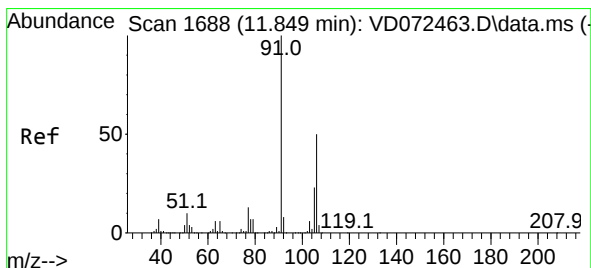
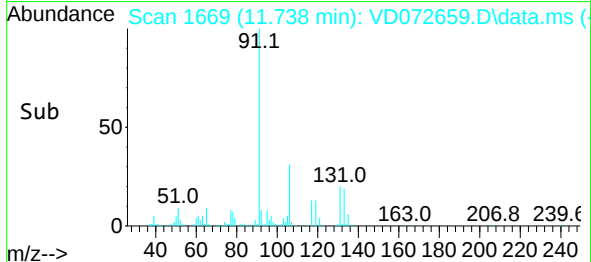
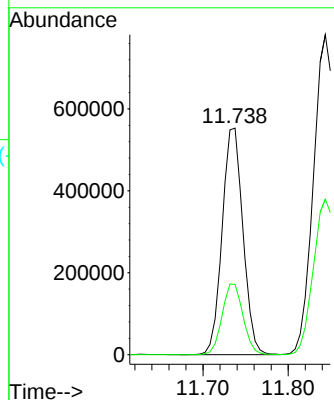
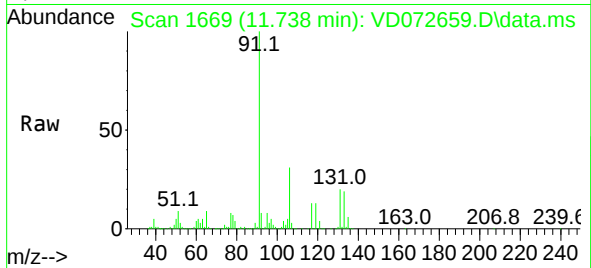




#67
Ethyl Benzene
Concen: 43.552 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

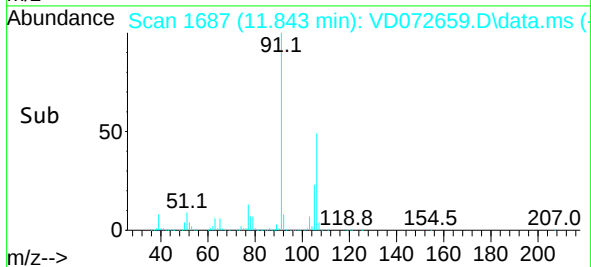
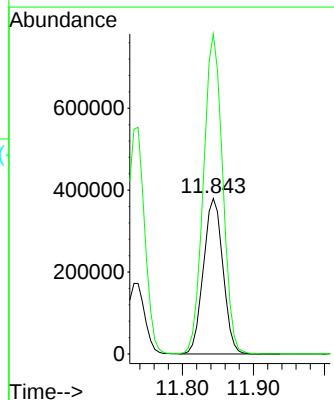
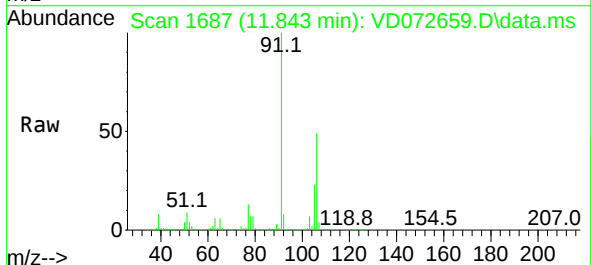
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

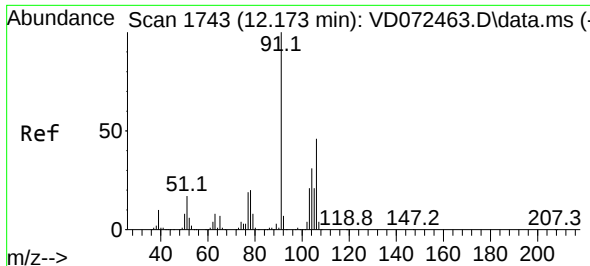
Tgt Ion: 91 Resp: 940656
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 88.548 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 106 Resp: 725566
Ion Ratio Lower Upper
106 100
91 202.6 163.7 245.5

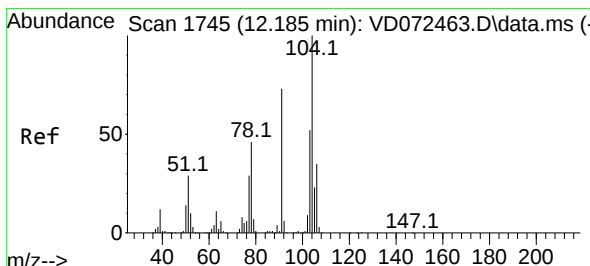
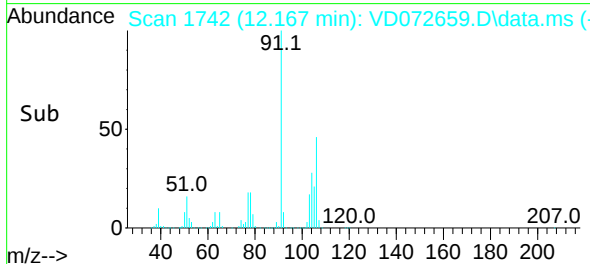
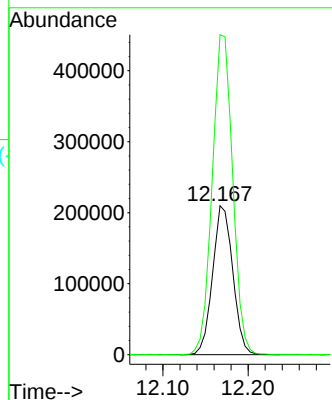
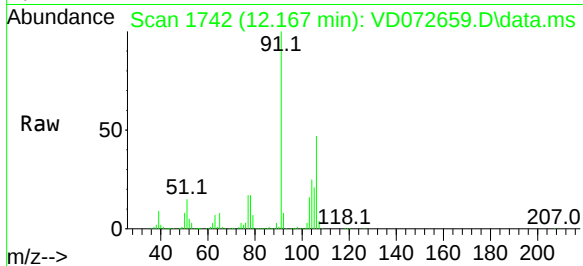




#69
o-Xylene
Concen: 43.643 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

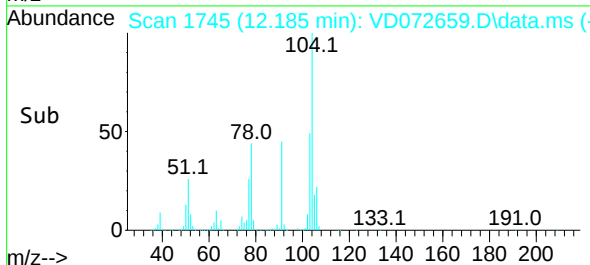
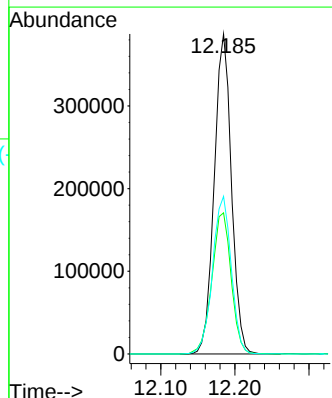
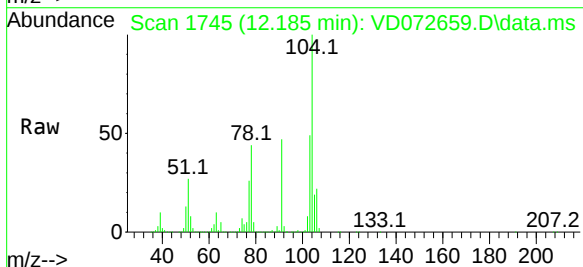
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

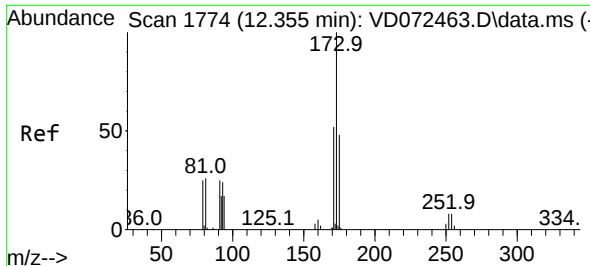
Tgt Ion:106 Resp: 345036
Ion Ratio Lower Upper
106 100
91 218.3 110.4 331.2



#70
Styrene
Concen: 44.822 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion:104 Resp: 624527
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 53.5 44.2 66.4

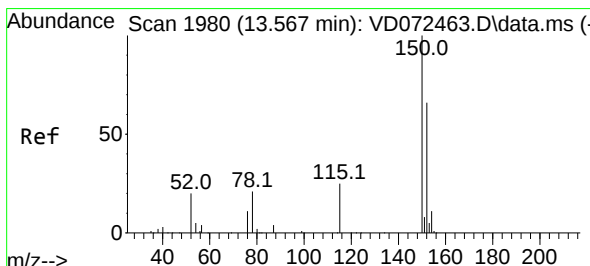
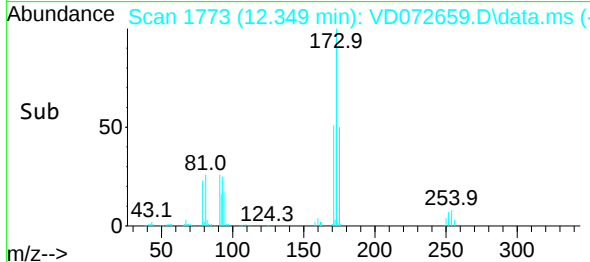
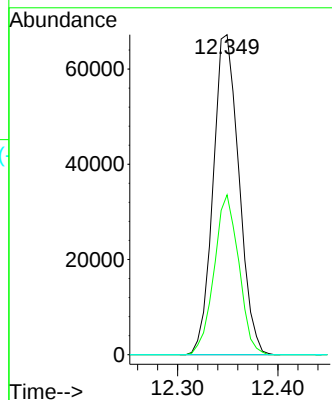
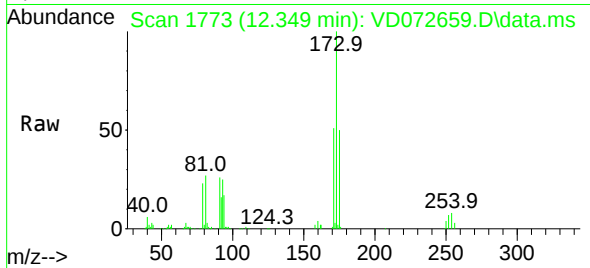




#71
Bromoform
Concen: 45.793 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

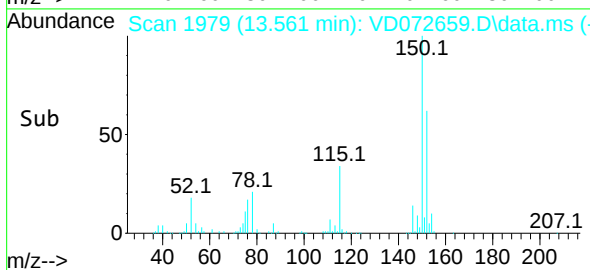
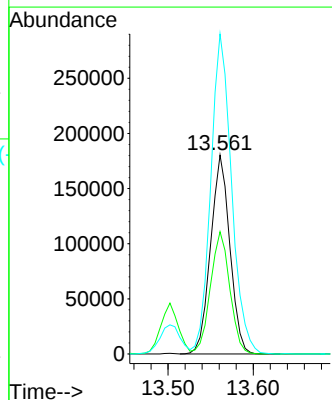
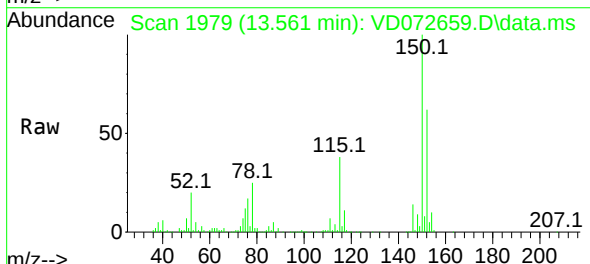
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

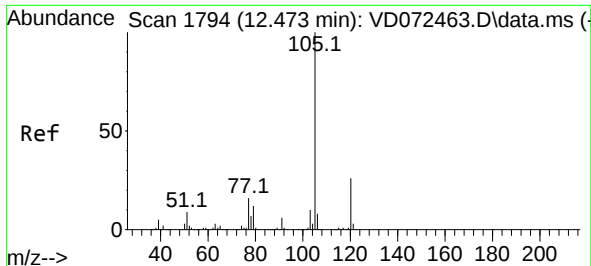
Tgt Ion:173 Resp: 120136
Ion Ratio Lower Upper
173 100
175 47.8 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion:152 Resp: 283282
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 173.8 0.0 348.6

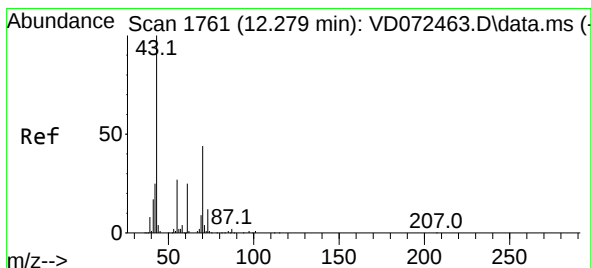
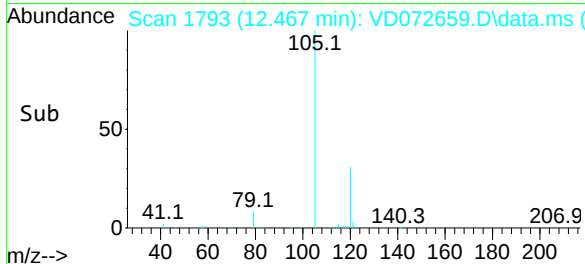
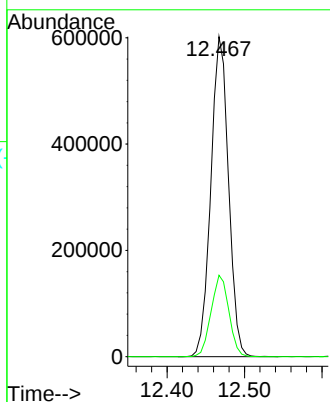
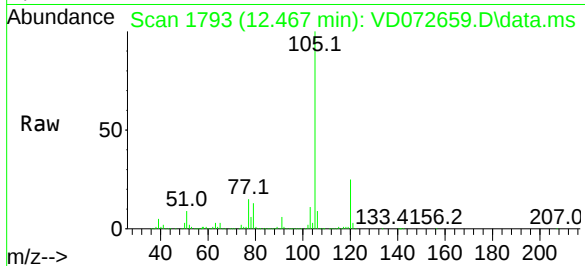




#73
Isopropylbenzene
Concen: 41.677 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

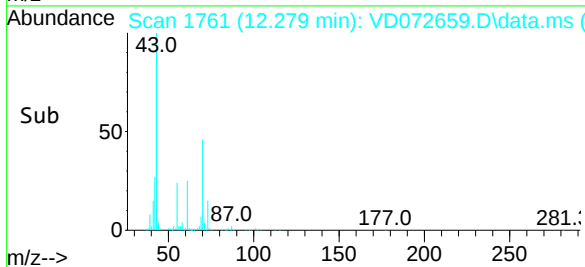
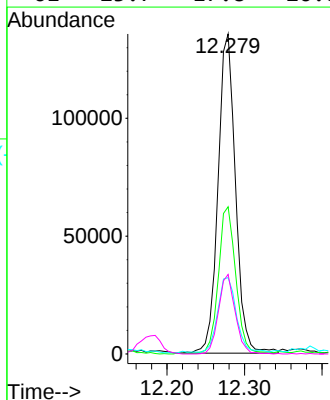
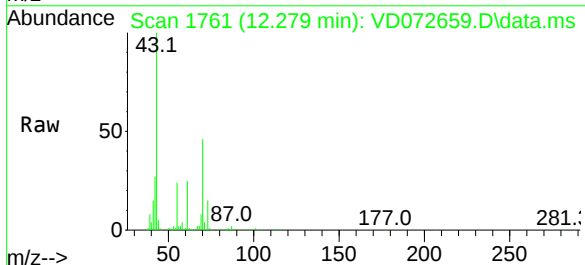
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

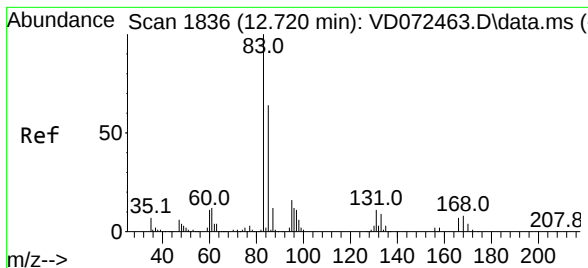
Tgt Ion:105 Resp: 953494
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 44.325 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 43 Resp: 212775
Ion Ratio Lower Upper
43 100
70 46.3 31.3 46.9
55 24.9 20.0 30.0
61 23.7 17.8 26.8

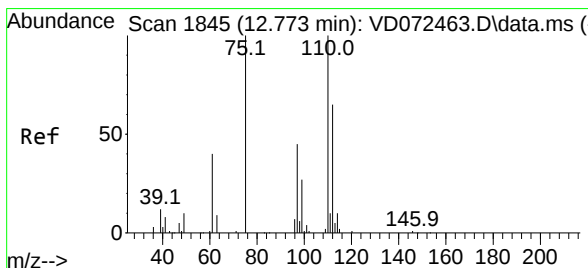
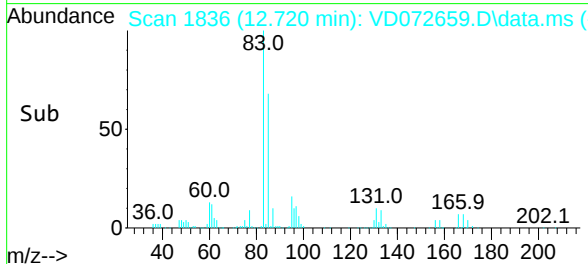
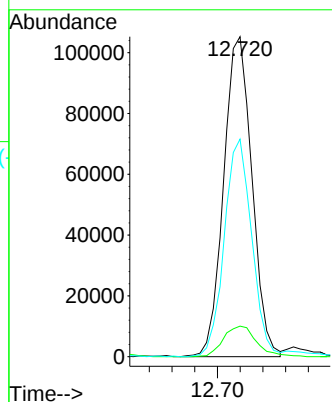
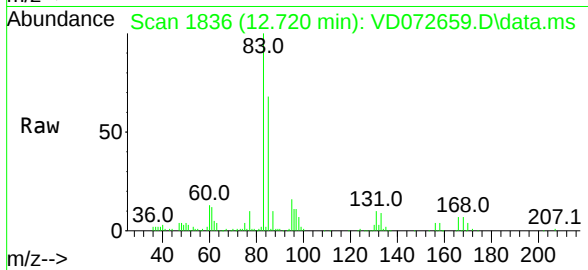




#75
 1,1,2,2-Tetrachloroethane
 Concen: 41.987 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD072659.D
 Acq: 20 Apr 2022 20:52

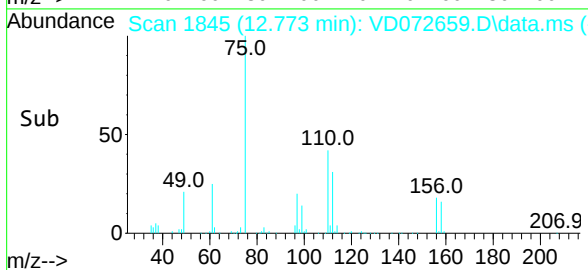
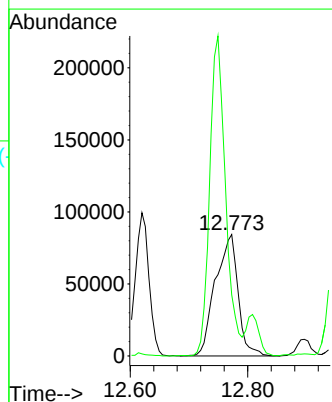
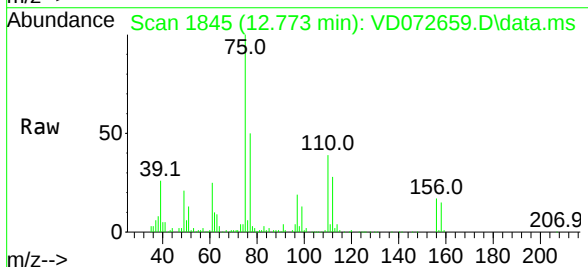
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

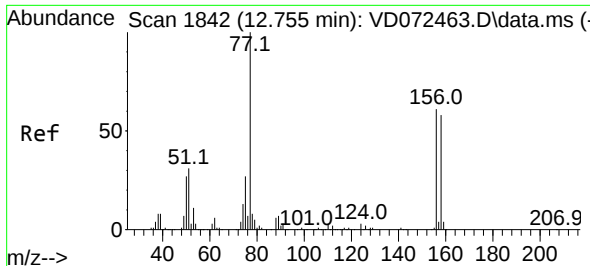
Tgt Ion: 83 Resp: 181948
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.0 14.9
 85 65.9 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 72.989 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VD072659.D
 Acq: 20 Apr 2022 20:52

Tgt Ion: 75 Resp: 225510
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

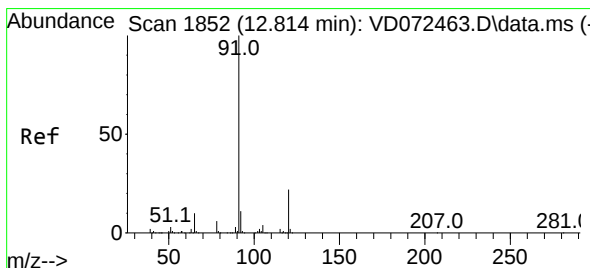
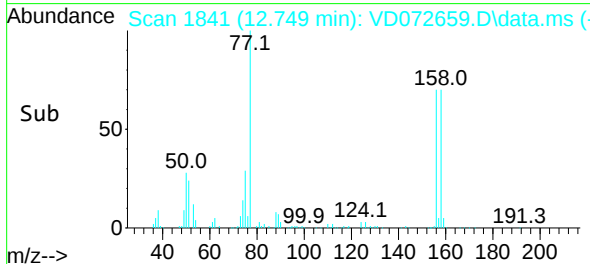
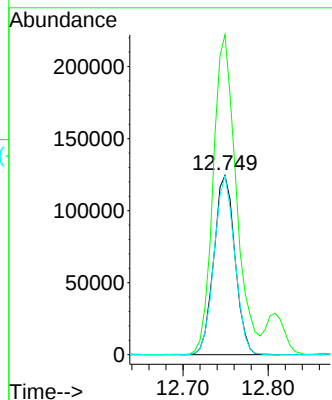
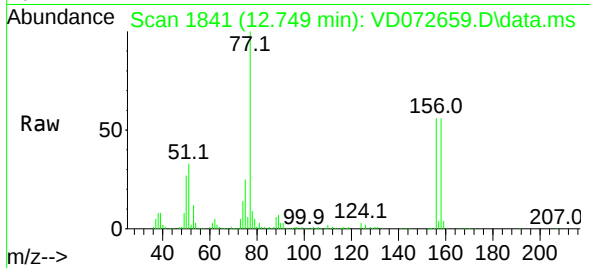




#77
Bromobenzene
Concen: 41.734 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

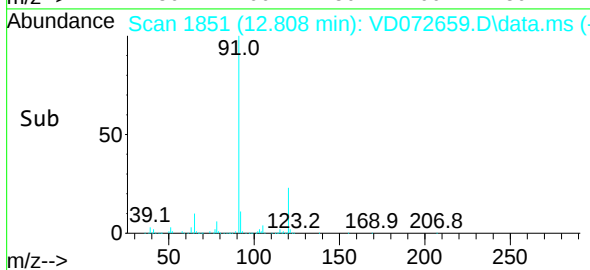
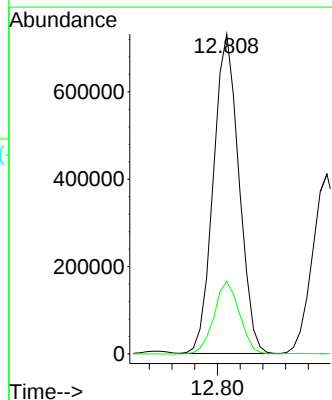
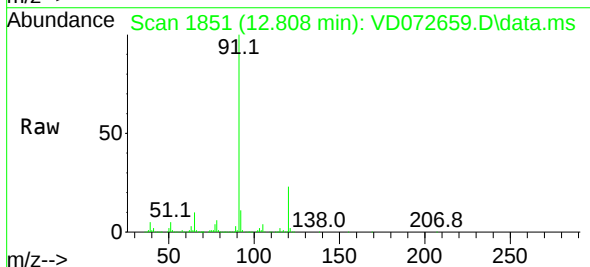
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

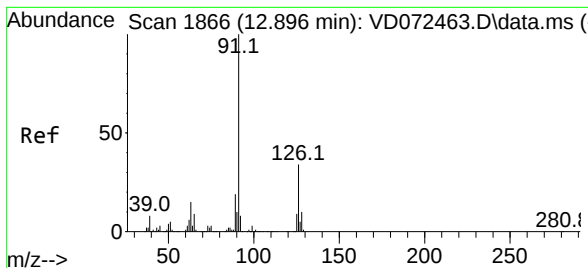
Tgt Ion:156 Resp: 214008
Ion Ratio Lower Upper
156 100
77 195.6 102.8 308.3
158 97.7 48.7 146.1



#78
n-propylbenzene
Concen: 41.435 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 91 Resp: 1143573
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9

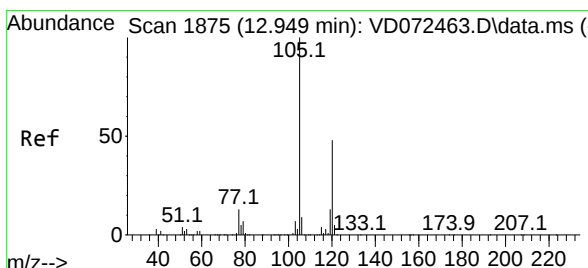
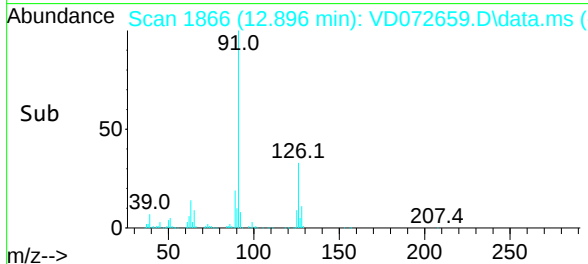
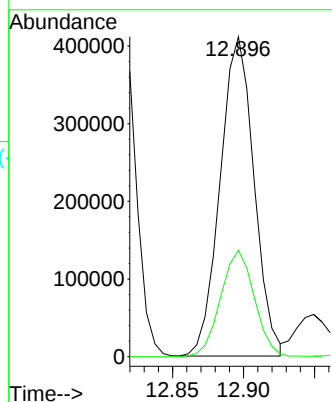
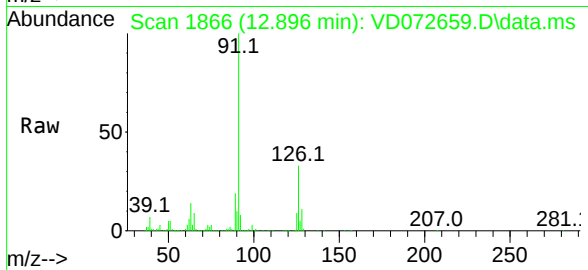




#79
2-Chlorotoluene
Concen: 42.255 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

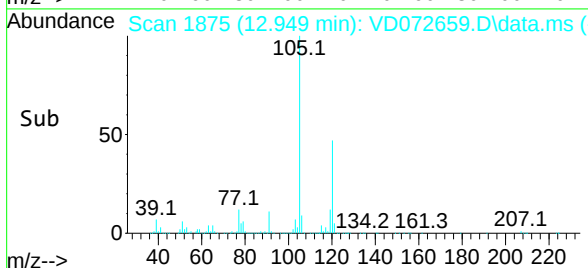
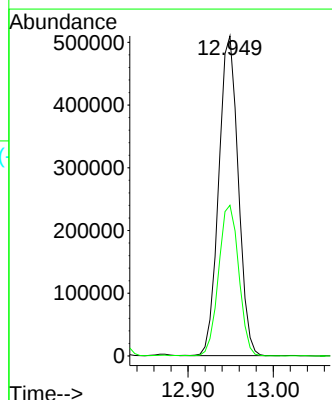
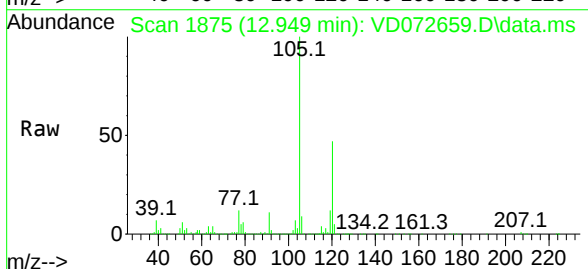
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

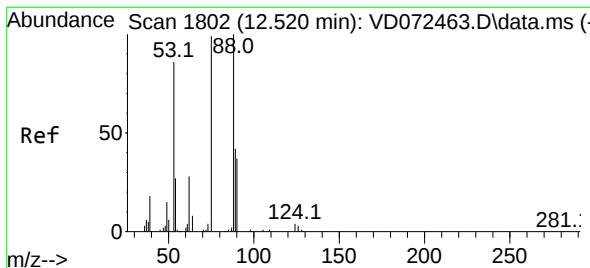
Tgt Ion: 91 Resp: 682021
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 41.470 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 105 Resp: 812559
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

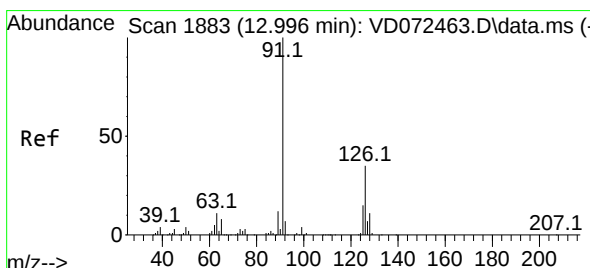
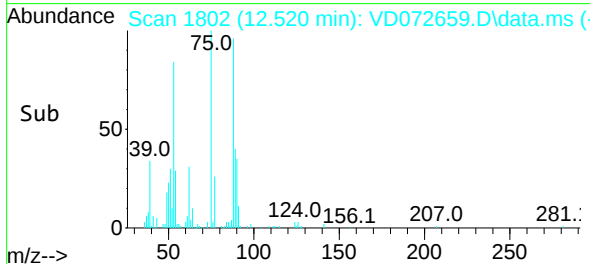
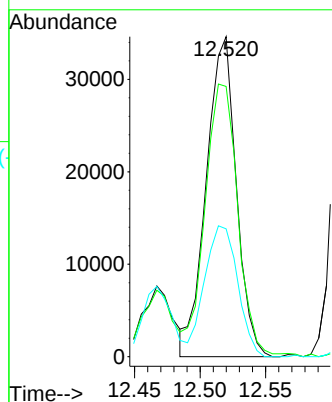
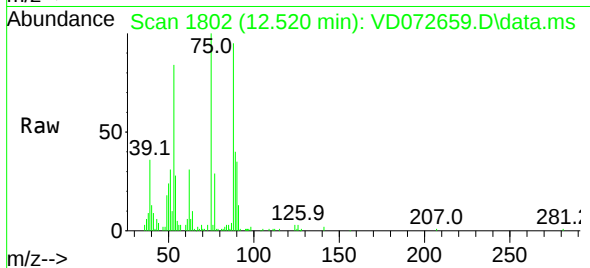




#81
trans-1,4-Dichloro-2-butene
Concen: 43.753 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

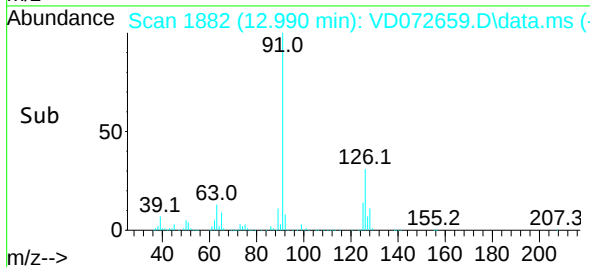
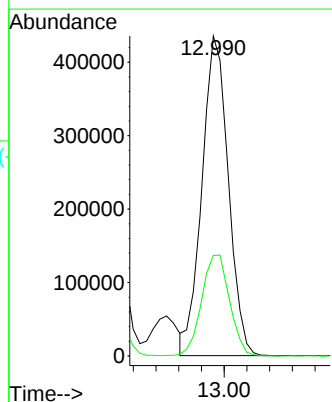
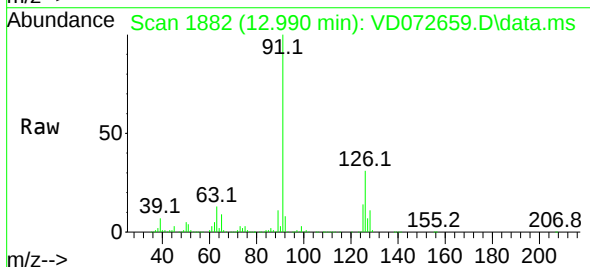
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

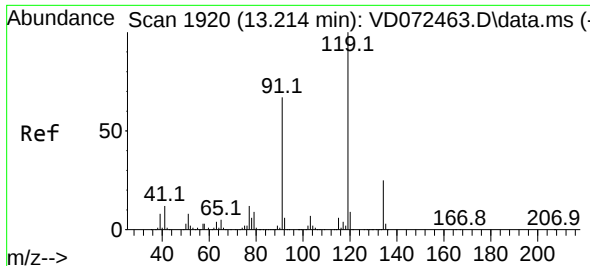
Tgt Ion: 75 Resp: 55090
Ion Ratio Lower Upper
75 100
53 93.3 86.5 129.7
89 44.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 41.682 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 91 Resp: 700679
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5

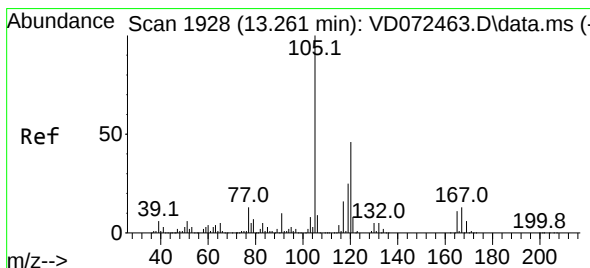
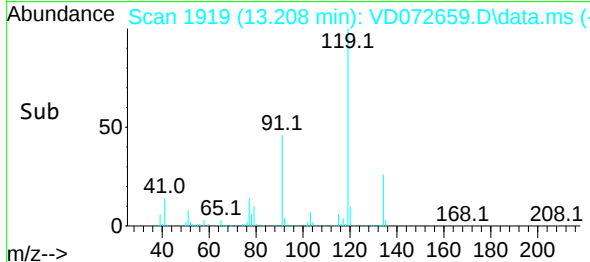
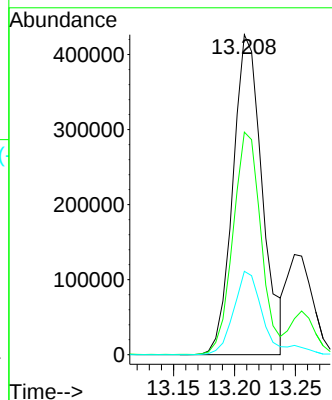
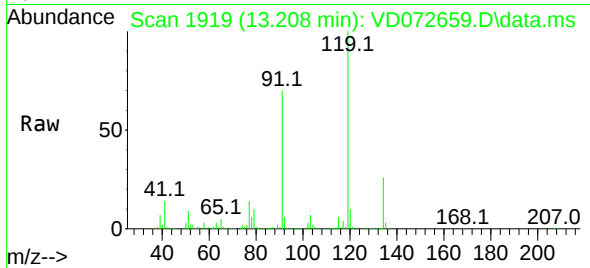




#83
tert-Butylbenzene
Concen: 42.057 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

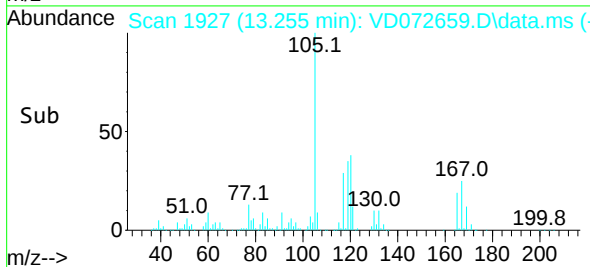
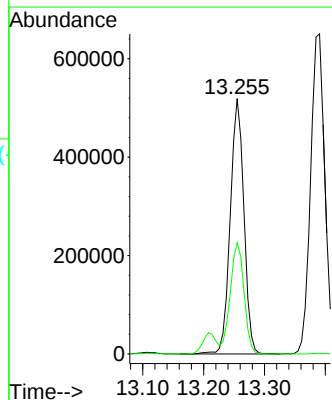
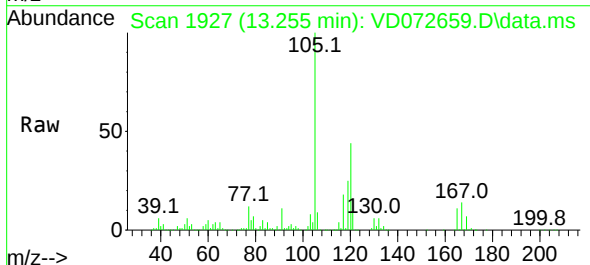
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

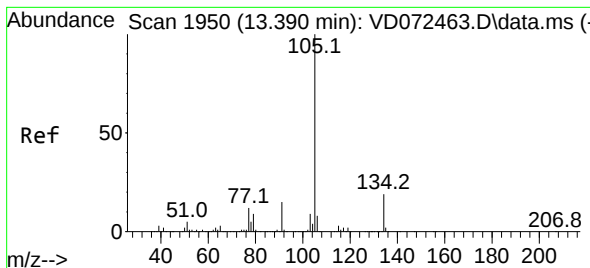
Tgt Ion:119 Resp: 713405
Ion Ratio Lower Upper
119 100
91 66.3 34.8 104.5
134 26.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 42.177 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion:105 Resp: 808123
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 41.201 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

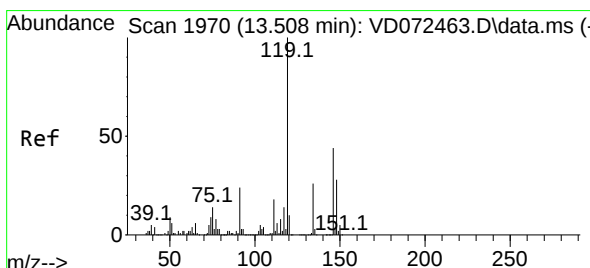
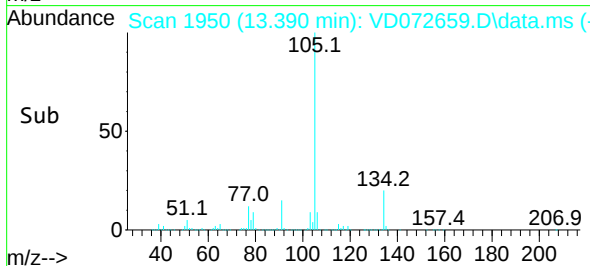
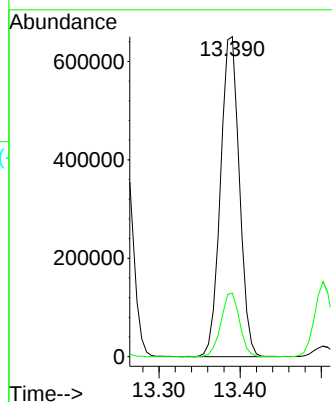
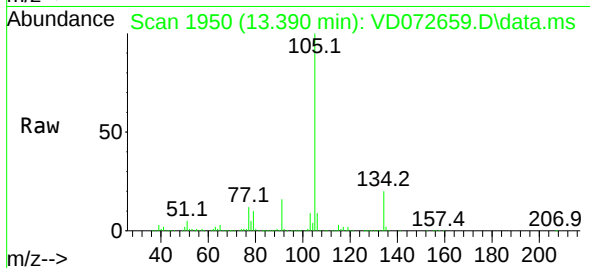
VSTDCCC050EC

Tgt Ion:105 Resp: 1052703

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 41.430 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

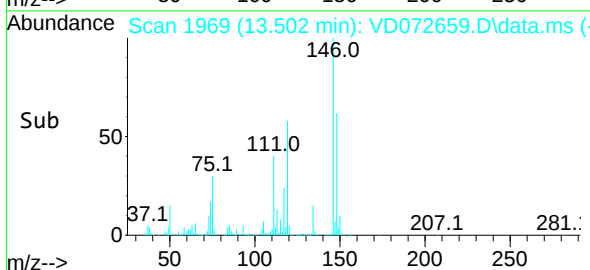
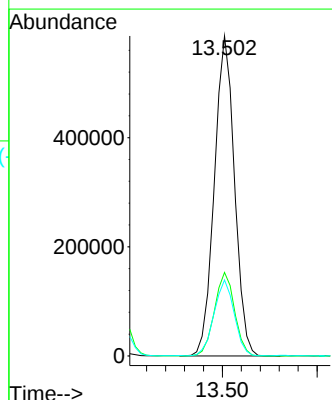
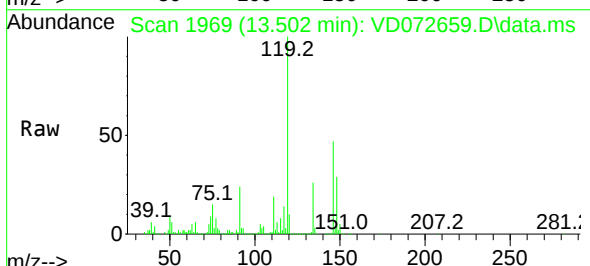
Tgt Ion:119 Resp: 865254

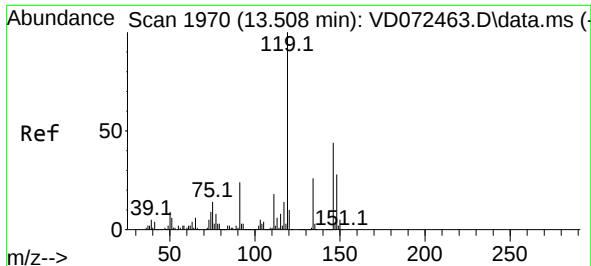
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 23.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 41.594 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

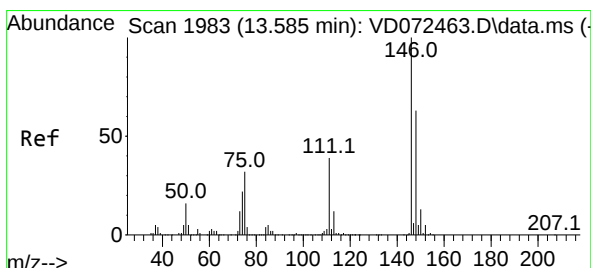
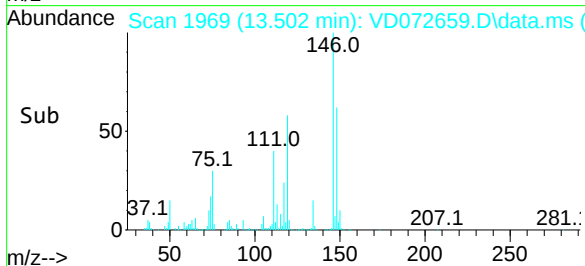
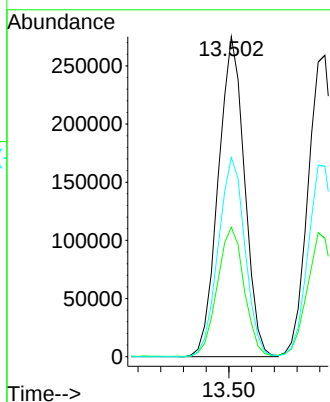
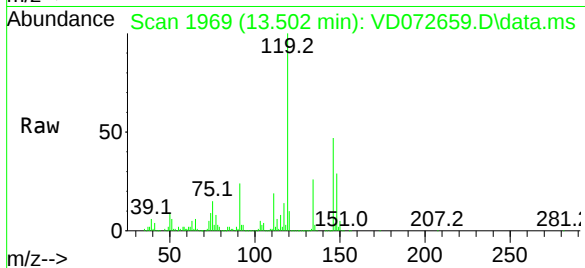
Tgt Ion:146 Resp: 441957

Ion Ratio Lower Upper

146 100

111 41.0 20.4 61.3

148 63.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 40.179 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

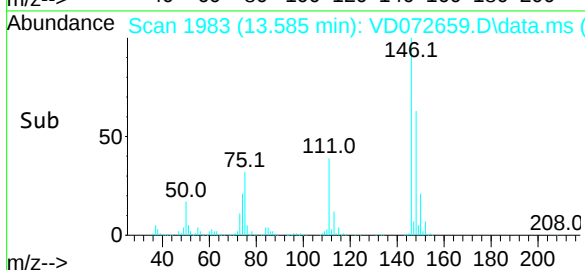
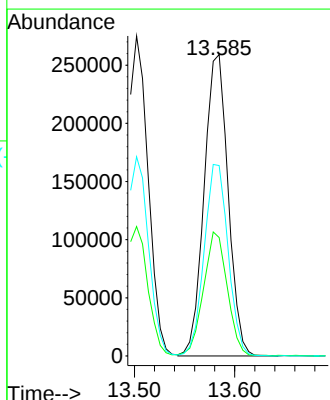
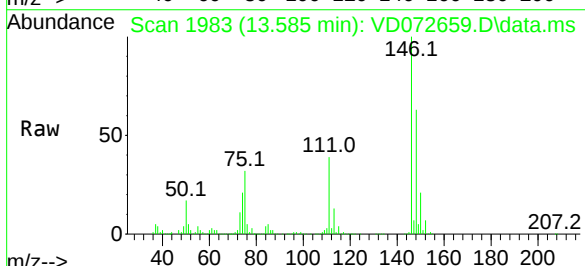
Tgt Ion:146 Resp: 430288

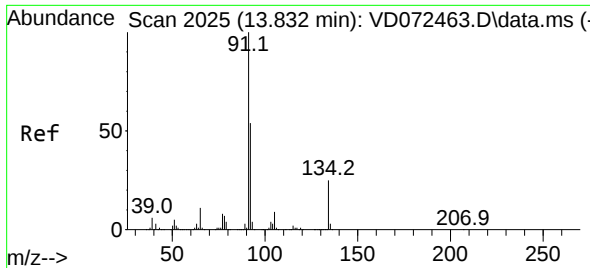
Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.9

148 63.5 31.7 95.1

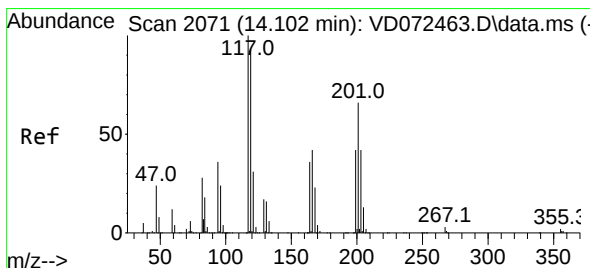
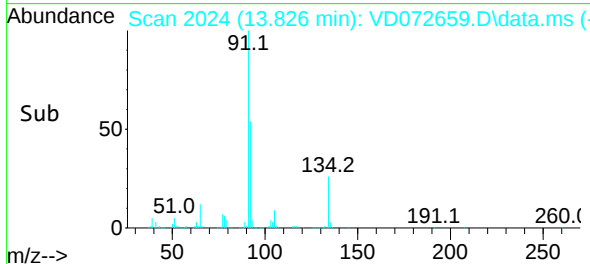
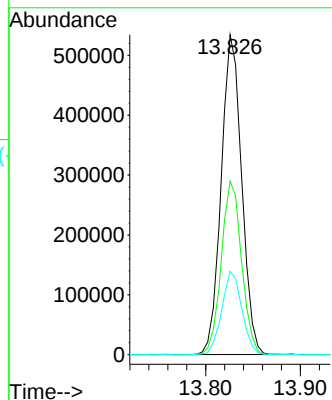
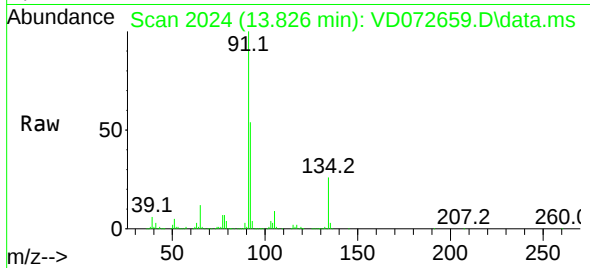




#89
n-Butylbenzene
Concen: 40.293 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

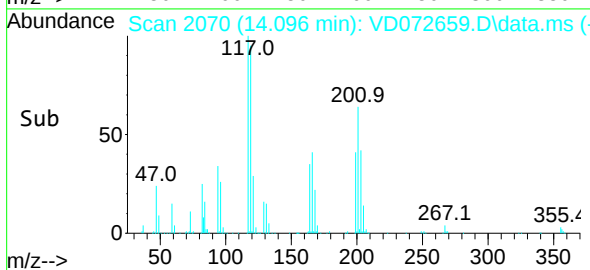
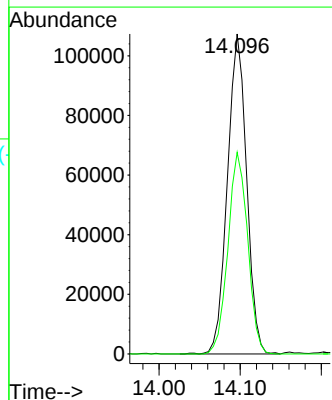
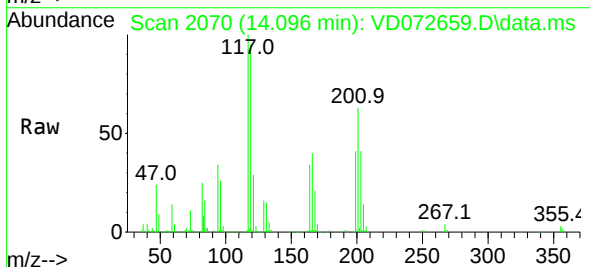
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

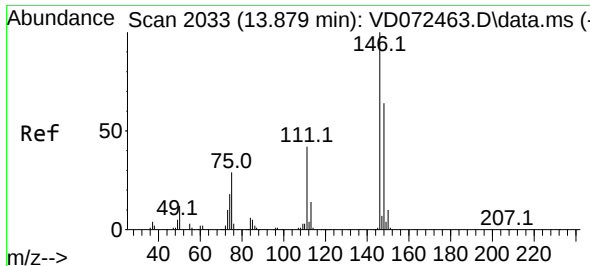
Tgt Ion: 91 Resp: 801623
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 25.8 12.3 36.9



#90
Hexachloroethane
Concen: 41.273 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 117 Resp: 176456
Ion Ratio Lower Upper
117 100
201 64.6 33.4 100.2

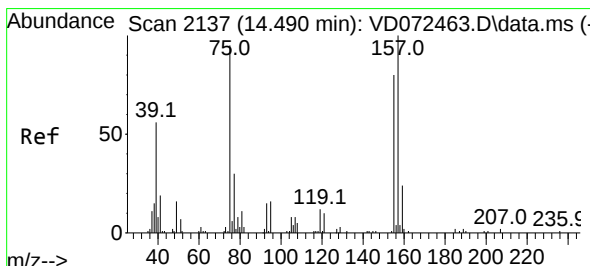
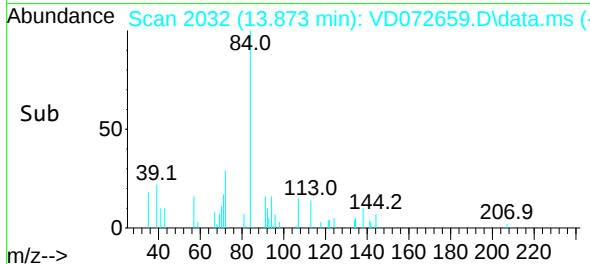
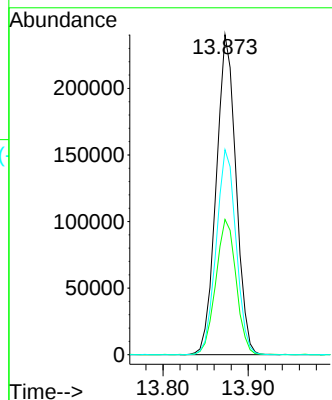
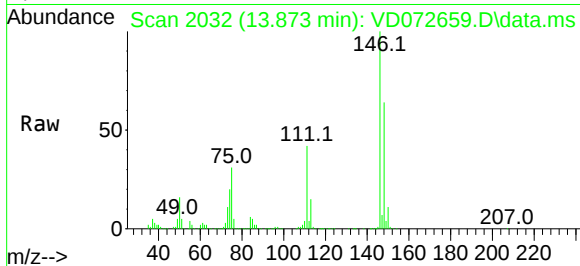




#91
1,2-Dichlorobenzene
Concen: 41.324 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

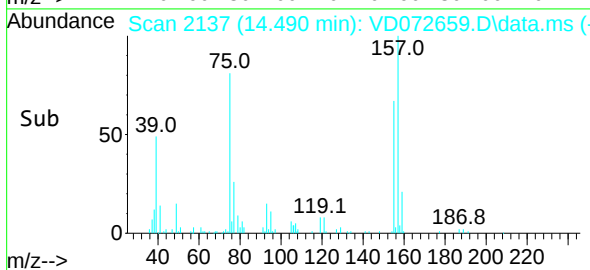
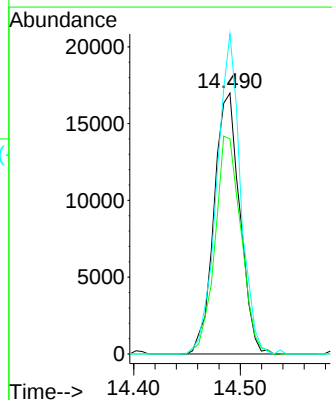
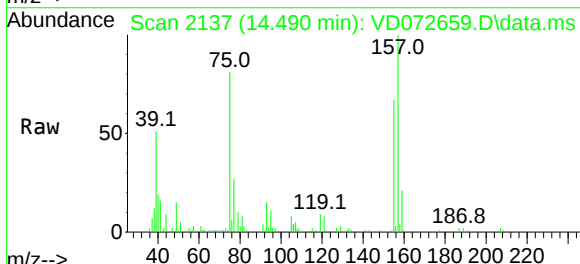
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

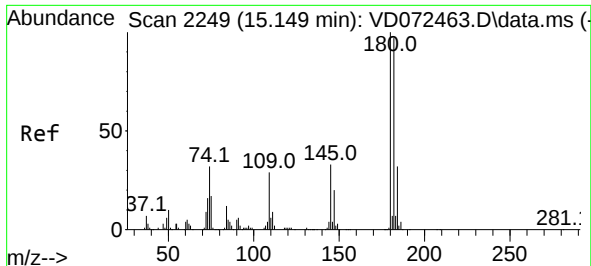
Tgt Ion:146 Resp: 387282
Ion Ratio Lower Upper
146 100
111 43.5 21.1 63.3
148 64.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.583 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072659.D
Acq: 20 Apr 2022 20:52

Tgt Ion: 75 Resp: 28572
Ion Ratio Lower Upper
75 100
155 84.2 36.8 110.3
157 112.8 48.4 145.0

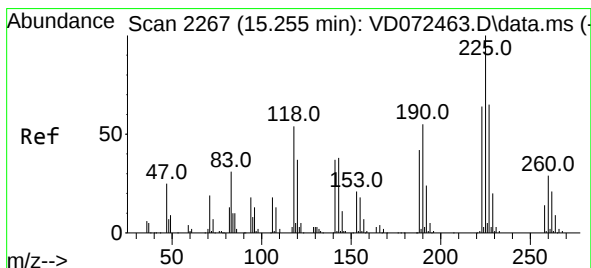
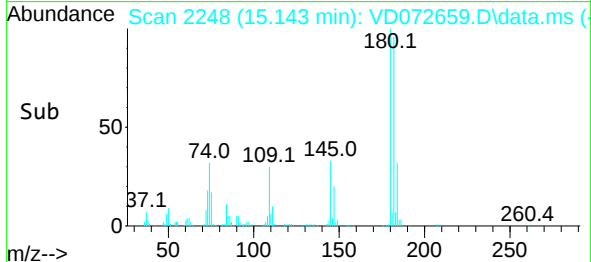
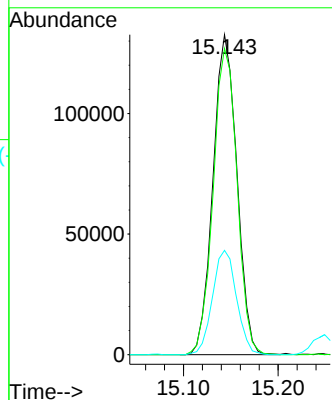
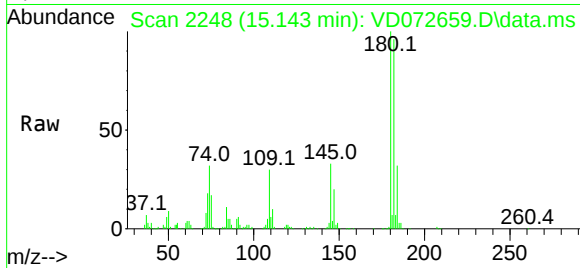




#93
 1,2,4-Trichlorobenzene
 Concen: 40.058 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD072659.D
 Acq: 20 Apr 2022 20:52

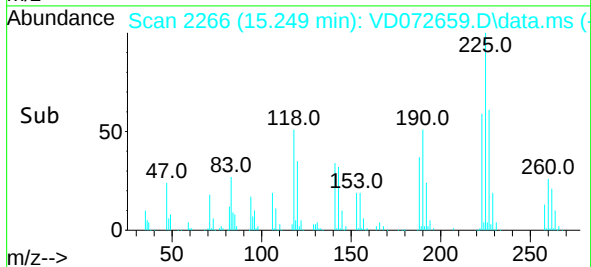
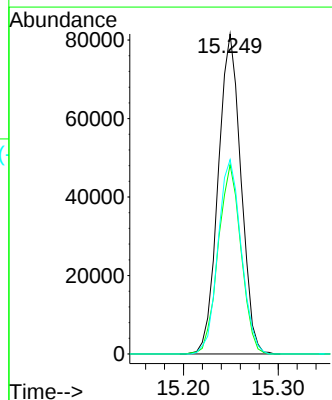
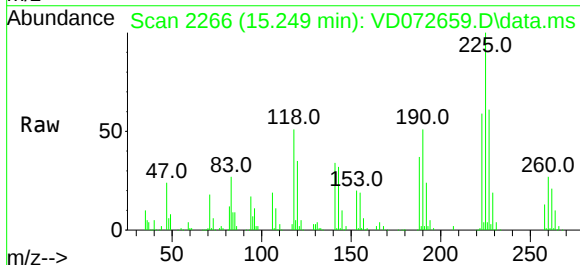
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

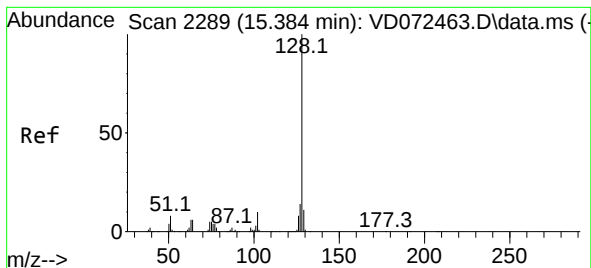
Tgt Ion:180 Resp: 232703
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.3 142.0
 145 32.8 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 41.841 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: VD072659.D
 Acq: 20 Apr 2022 20:52

Tgt Ion:225 Resp: 136145
 Ion Ratio Lower Upper
 225 100
 223 59.2 31.1 93.2
 227 61.9 32.4 97.0





#95

Naphthalene

Concen: 40.304 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

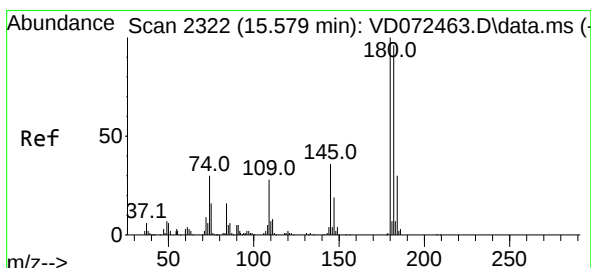
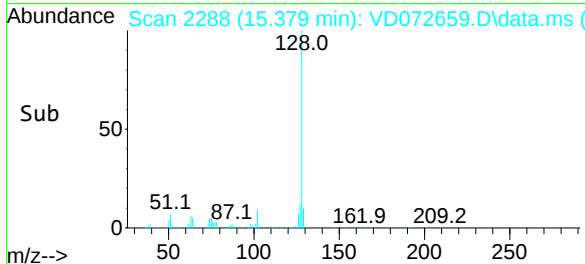
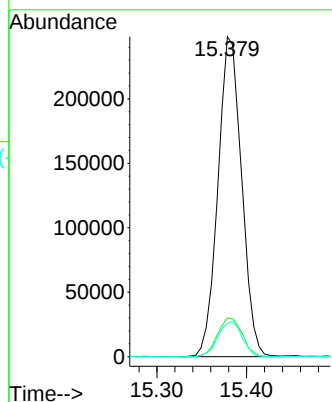
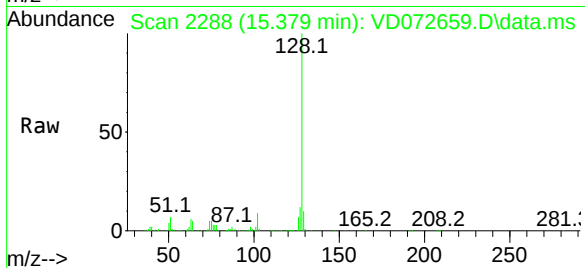
Tgt Ion:128 Resp: 454930

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 41.560 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD072659.D

Acq: 20 Apr 2022 20:52

Tgt Ion:180 Resp: 210713

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 34.9 17.1 51.3

