

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071094.D
 Acq On : 30 Nov 2021 20:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 01 03:36:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	284391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	475310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	419557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	192498	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	152727	45.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.540%
35) Dibromofluoromethane	7.914	113	147935	48.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.760%
50) Toluene-d8	10.338	98	547103	47.499	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.000%
62) 4-Bromofluorobenzene	12.626	95	191184	47.884	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	116159	47.897	ug/l	97
3) Chloromethane	2.215	50	163208	50.868	ug/l	98
4) Vinyl Chloride	2.356	62	191109	53.389	ug/l	96
5) Bromomethane	2.779	94	132998	51.542	ug/l	98
6) Chloroethane	2.932	64	132088	53.651	ug/l	92
7) Trichlorofluoromethane	3.285	101	255358	52.661	ug/l	99
8) Diethyl Ether	3.709	74	62180	47.300	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.103	101	150593	52.639	ug/l	97
10) Methyl Iodide	4.303	142	157981	47.730	ug/l	94
11) Tert butyl alcohol	5.209	59	48185	216.562	ug/l #	93
12) 1,1-Dichloroethene	4.079	96	136454	51.685	ug/l	92
13) Acrolein	3.926	56	41303	181.122	ug/l	98
14) Allyl chloride	4.721	41	264423	52.729	ug/l #	79
15) Acrylonitrile	5.420	53	141674	221.601	ug/l	94
16) Acetone	4.156	43	172153	201.146	ug/l #	85
17) Carbon Disulfide	4.415	76	395743	51.197	ug/l	96
18) Methyl Acetate	4.726	43	105850	42.992	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	315992	48.838	ug/l	95
20) Methylene Chloride	4.968	84	166513	49.399	ug/l	89
21) trans-1,2-Dichloroethene	5.479	96	160233	53.916	ug/l	87
22) Diisopropyl ether	6.362	45	530999	52.850	ug/l	93
23) Vinyl Acetate	6.303	43	1174367	219.831	ug/l	97
24) 1,1-Dichloroethane	6.267	63	308443	53.374	ug/l	98
25) 2-Butanone	7.214	43	201409	202.837	ug/l #	89
26) 2,2-Dichloropropane	7.209	77	270565	51.488	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	179844	53.490	ug/l	90
28) Bromochloromethane	7.550	49	114360	45.562	ug/l	93
29) Tetrahydrofuran	7.562	42	115076	217.173	ug/l	94
30) Chloroform	7.709	83	319635	55.113	ug/l	98
31) Cyclohexane	7.985	56	277971	48.971	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	281229	54.009	ug/l	94
36) 1,1-Dichloropropene	8.114	75	233522	52.567	ug/l	98
37) Ethyl Acetate	7.291	43	85115	44.355	ug/l #	94
38) Carbon Tetrachloride	8.097	117	239000	54.578	ug/l	96
39) Methylcyclohexane	9.356	83	279132	52.240	ug/l	97
40) Benzene	8.350	78	648790	53.766	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	55974	58.516	ug/l #	70
42) 1,2-Dichloroethane	8.426	62	189214	51.370	ug/l	93
43) Isopropyl Acetate	8.450	43	176632	42.685	ug/l	92
44) Trichloroethene	9.114	130	177349	55.123	ug/l	98
45) 1,2-Dichloropropane	9.385	63	170975	53.878	ug/l	96
46) Dibromomethane	9.473	93	80342	48.799	ug/l	97
47) Bromodichloromethane	9.661	83	229435	52.695	ug/l	100
48) Methyl methacrylate	9.456	41	89817	47.817	ug/l #	84
49) 1,4-Dioxane	9.456	88	13647	858.695	ug/l #	87
51) 4-Methyl-2-Pentanone	10.226	43	436000	207.438	ug/l	90
52) Toluene	10.403	92	417224	54.495	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	198088	49.483	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	249449	52.459	ug/l #	81
55) 1,1,2-Trichloroethane	10.797	97	107915	49.965	ug/l	97
56) Ethyl methacrylate	10.655	69	129525	42.654	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	192619	50.767	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	337015	229.306	ug/l	99
59) 2-Hexanone	10.979	43	308993	197.877	ug/l	89
60) Dibromochloromethane	11.132	129	138334	51.534	ug/l	98
61) 1,2-Dibromoethane	11.244	107	102222	49.280	ug/l	99
64) Tetrachloroethene	10.873	164	146202	54.890	ug/l	94
65) Chlorobenzene	11.667	112	425610	54.674	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	154922	54.505	ug/l	98
67) Ethyl Benzene	11.738	91	812223	55.424	ug/l	99
68) m/p-Xylenes	11.850	106	617835	111.671	ug/l	97
69) o-Xylene	12.173	106	289468	55.667	ug/l	96
70) Styrene	12.185	104	478126	54.556	ug/l	96
71) Bromoform	12.350	173	73499	49.914	ug/l #	99
73) Isopropylbenzene	12.473	105	788841	56.595	ug/l	100
74) N-amyl acetate	12.279	43	160536	42.972	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	113365	49.389	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	147168	80.243	ug/l #	1
77) Bromobenzene	12.749	156	161879	53.619	ug/l	99
78) n-propylbenzene	12.814	91	979209	56.412	ug/l	99
79) 2-Chlorotoluene	12.897	91	536099	55.028	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	642119	55.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	31128	40.887	ug/l #	73
82) 4-Chlorotoluene	12.997	91	556326	55.005	ug/l	99
83) tert-Butylbenzene	13.214	119	557140	56.442	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	622275	55.454	ug/l	99
85) sec-Butylbenzene	13.391	105	839263	55.667	ug/l	99
86) p-Isopropyltoluene	13.508	119	691582	56.085	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	331767	55.204	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	320973	53.907	ug/l	98
89) n-Butylbenzene	13.832	91	671321	55.770	ug/l	99
90) Hexachloroethane	14.102	117	131507	56.259	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	283749	55.519	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	18345	49.077	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	171259	53.720	ug/l	100
94) Hexachlorobutadiene	15.255	225	99082	54.930	ug/l	98
95) Naphthalene	15.385	128	284536	50.630	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	142173	52.507	ug/l	98

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QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

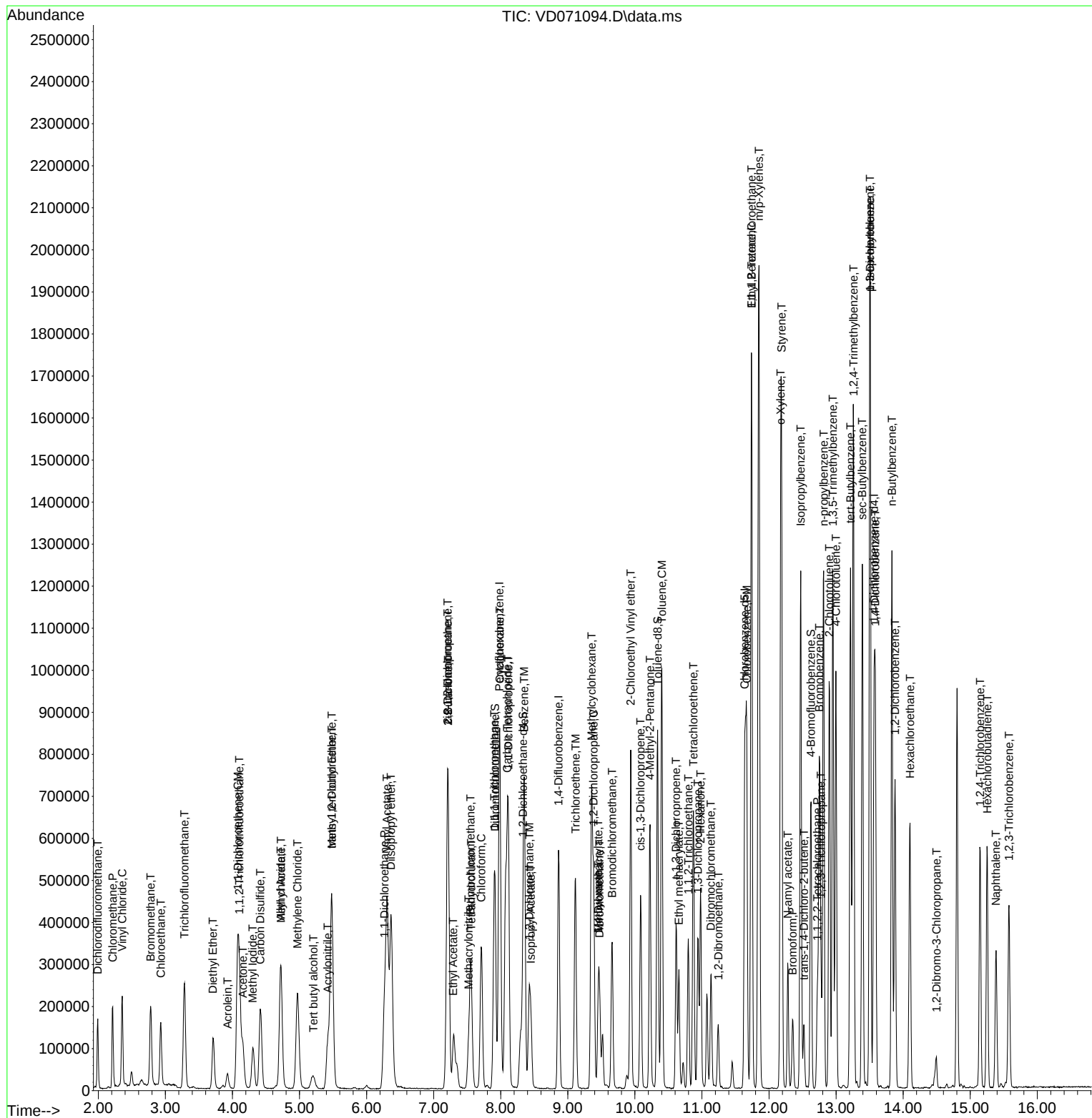
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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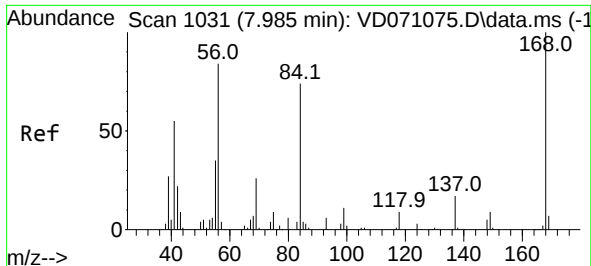
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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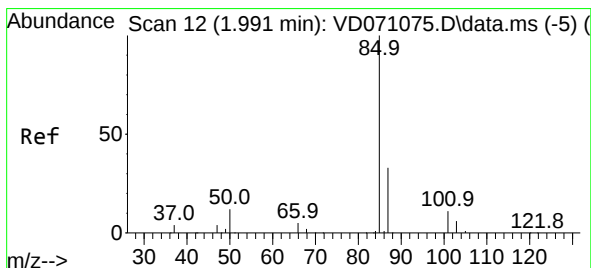
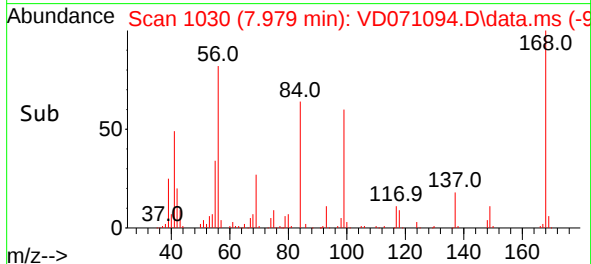
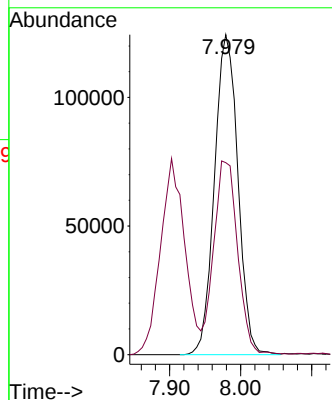
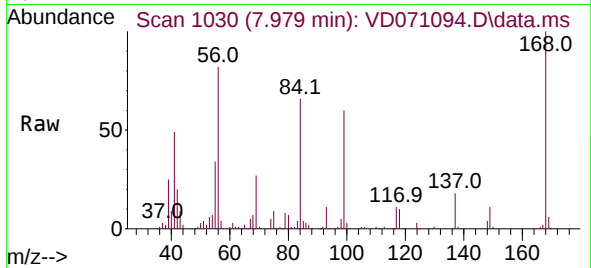




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

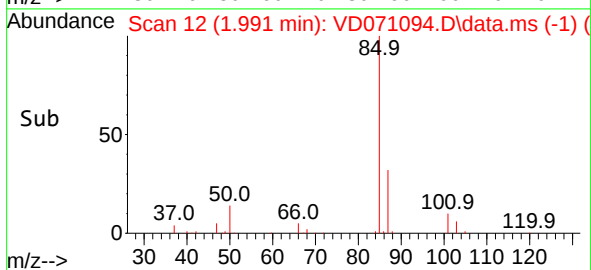
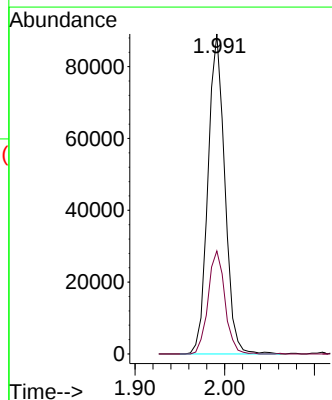
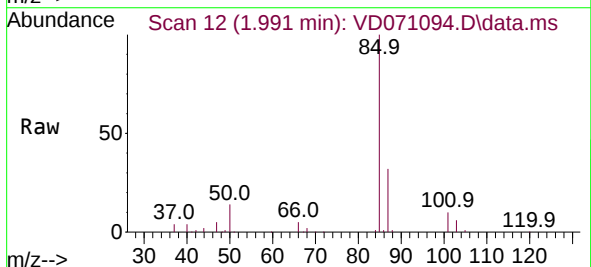
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

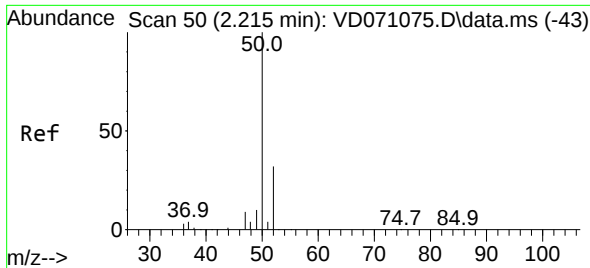
Tgt Ion:168 Resp: 284391
Ion Ratio Lower Upper
168 100
99 59.7 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 47.897 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 85 Resp: 116159
Ion Ratio Lower Upper
85 100
87 32.2 15.2 45.6

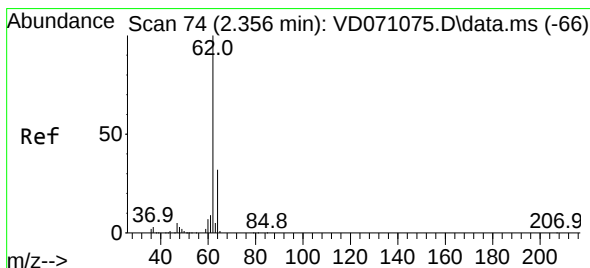
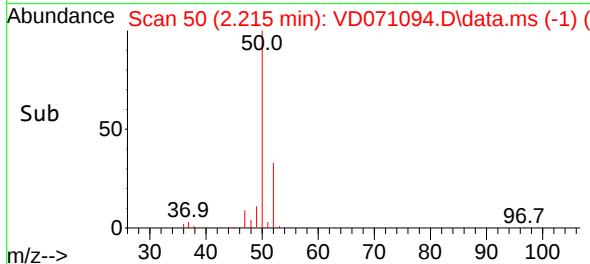
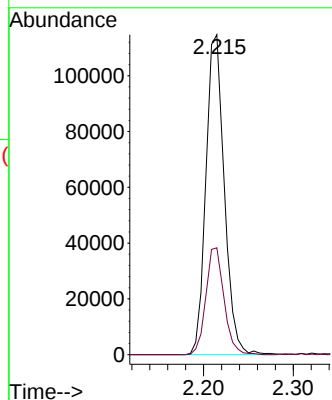
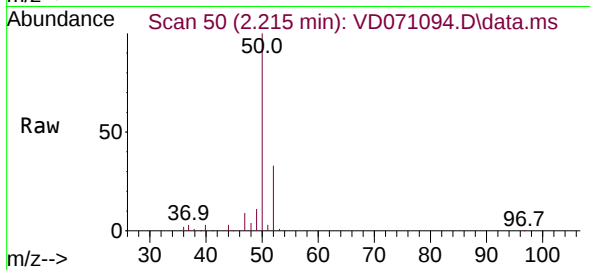




#3
Chloromethane
Concen: 50.868 ug/l
RT: 2.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

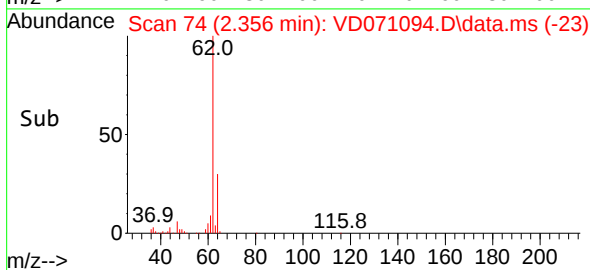
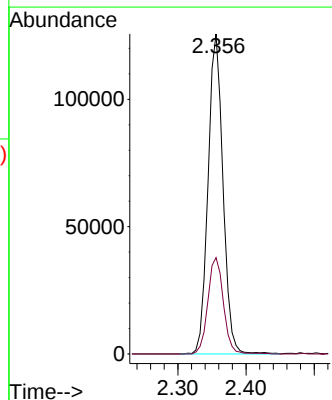
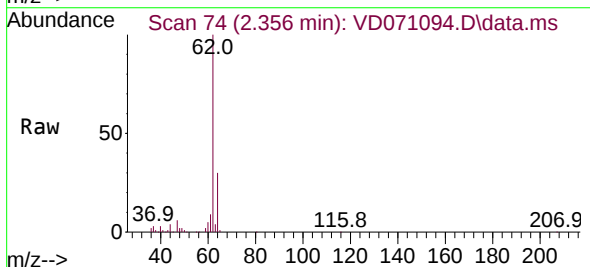
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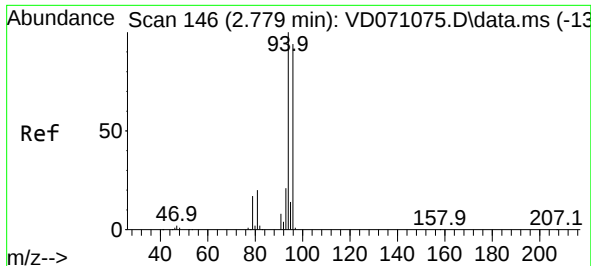
Tgt Ion: 50 Resp: 163208
Ion Ratio Lower Upper
50 100
52 33.4 25.8 38.8



#4
Vinyl Chloride
Concen: 53.389 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 62 Resp: 191109
Ion Ratio Lower Upper
62 100
64 30.1 26.0 39.0

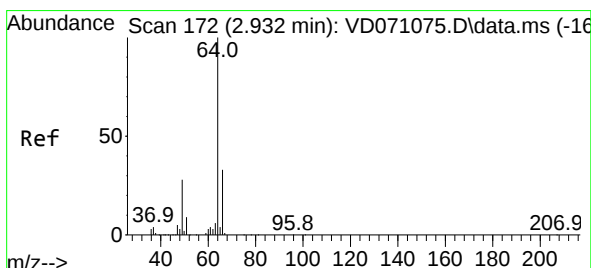
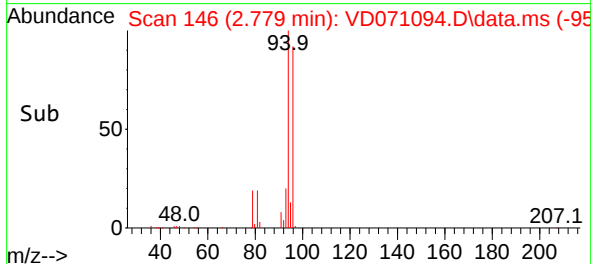
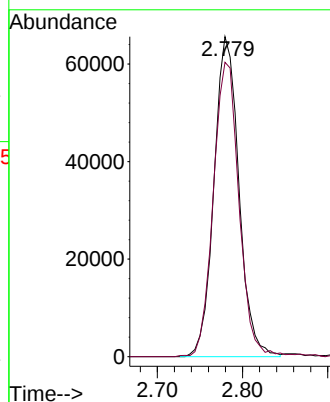
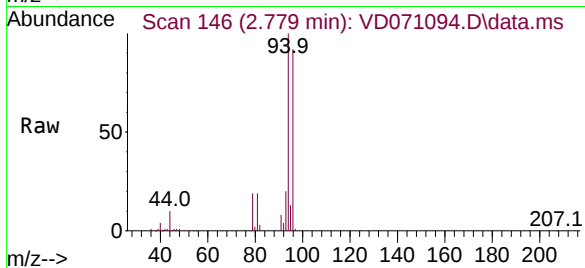




#5
Bromomethane
Concen: 51.542 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

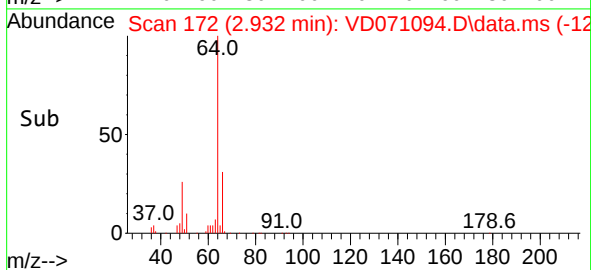
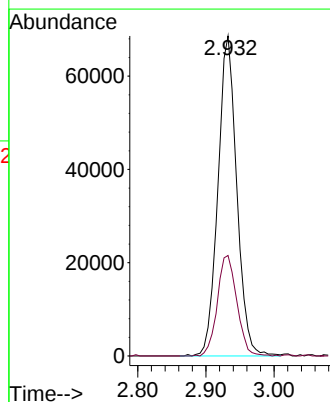
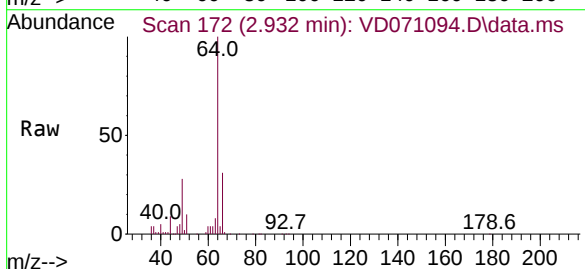
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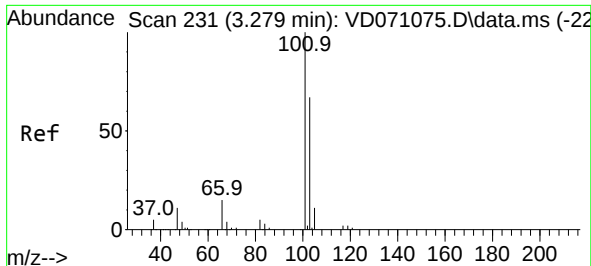
Tgt Ion: 94 Resp: 132998
Ion Ratio Lower Upper
94 100
96 91.6 74.8 112.2



#6
Chloroethane
Concen: 53.651 ug/l
RT: 2.932 min Scan# 172
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 64 Resp: 132088
Ion Ratio Lower Upper
64 100
66 31.4 29.0 43.4

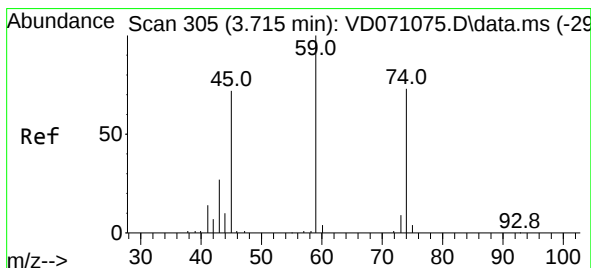
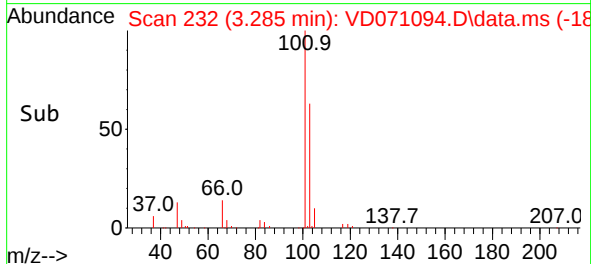
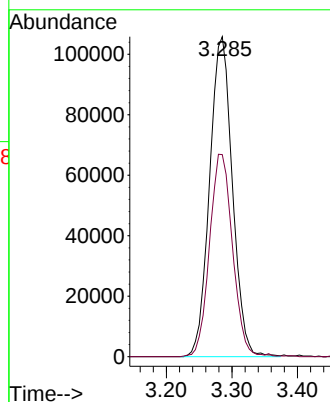
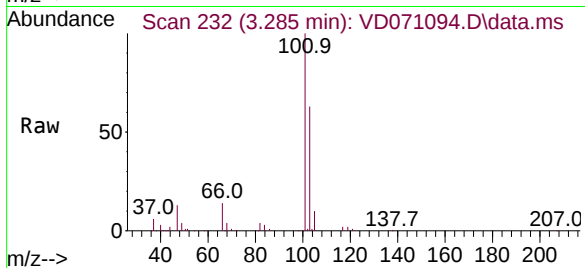




#7
Trichlorofluoromethane
Concen: 52.661 ug/l
RT: 3.285 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

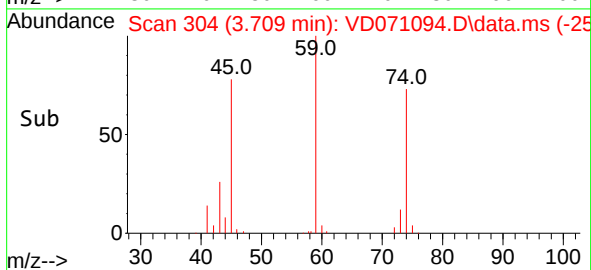
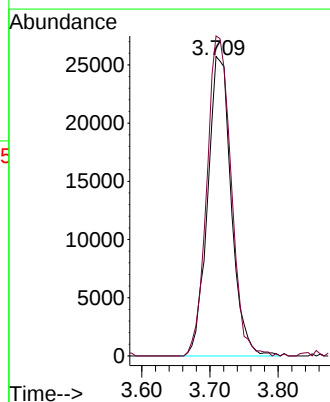
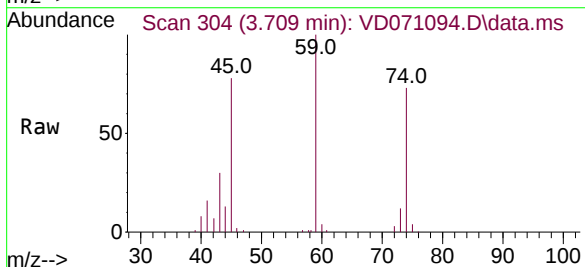
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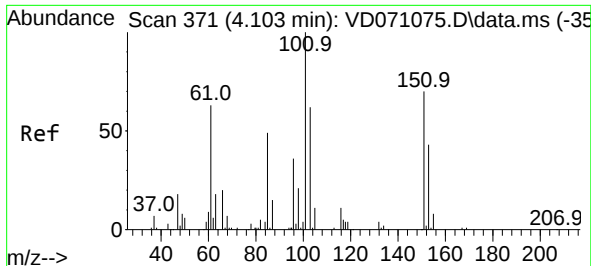
Tgt Ion:101 Resp: 255358
Ion Ratio Lower Upper
101 100
103 63.2 49.7 74.5



#8
Diethyl Ether
Concen: 47.300 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 74 Resp: 62180
Ion Ratio Lower Upper
74 100
45 109.5 49.6 149.0

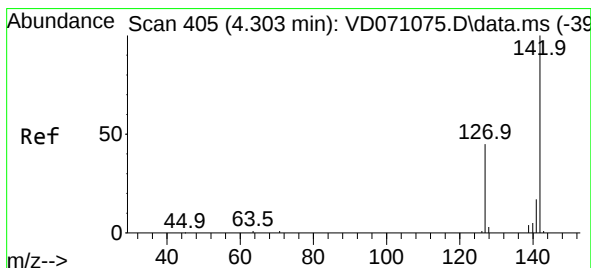
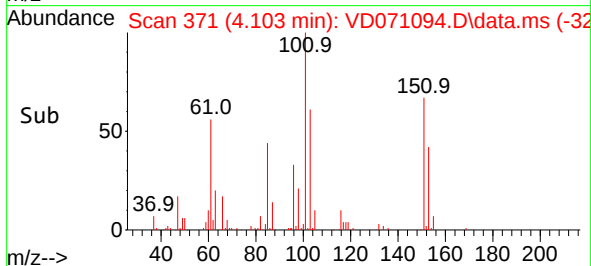
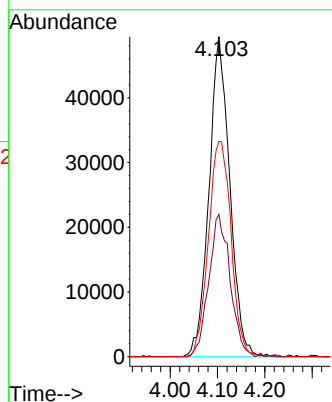
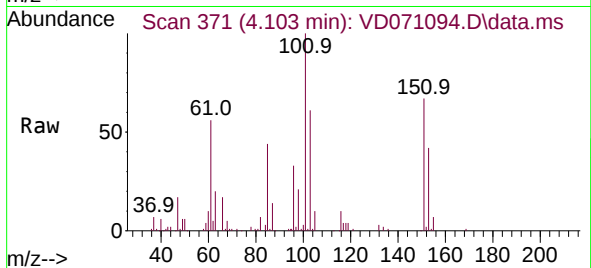




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.639 ug/l
RT: 4.103 min Scan# 371
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

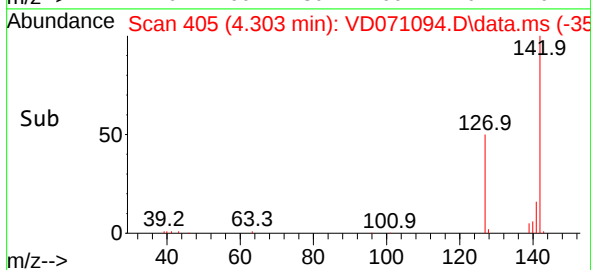
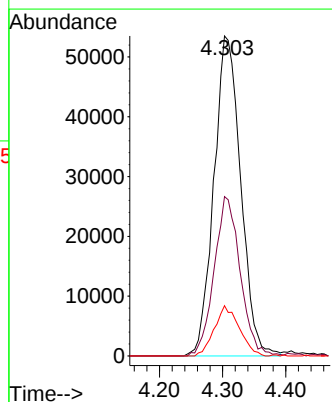
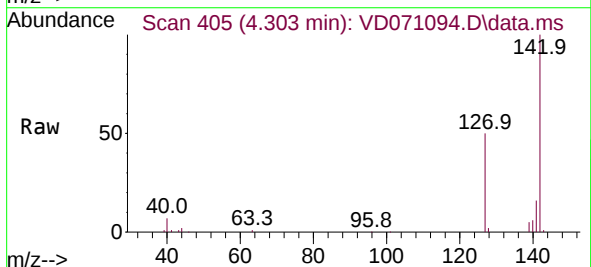
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

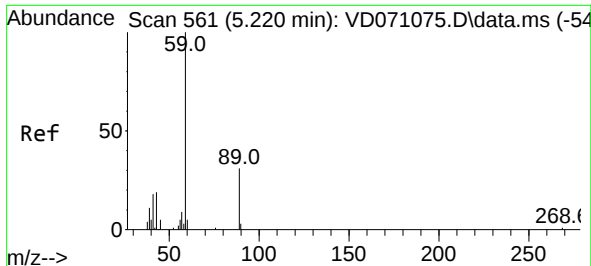
Tgt Ion:101 Resp: 150593
Ion Ratio Lower Upper
101 100
85 45.6 34.8 52.2
151 73.3 60.4 90.6



#10
Methyl Iodide
Concen: 47.730 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion:142 Resp: 157981
Ion Ratio Lower Upper
142 100
127 48.3 35.0 52.4
141 14.6 12.0 18.0

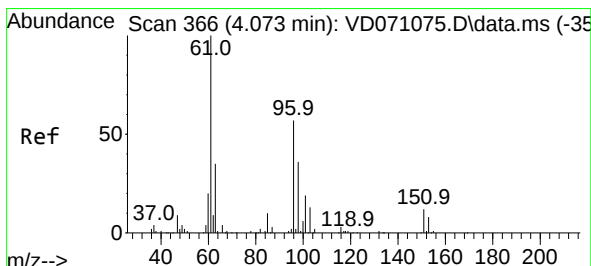
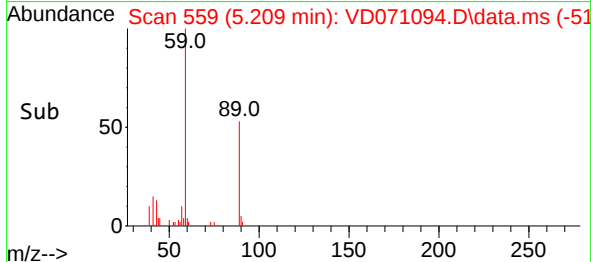
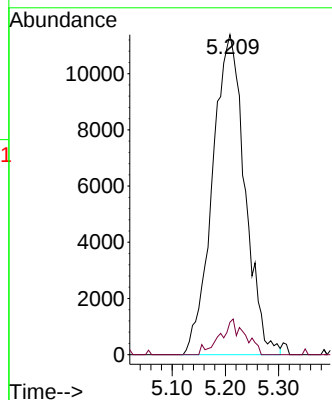
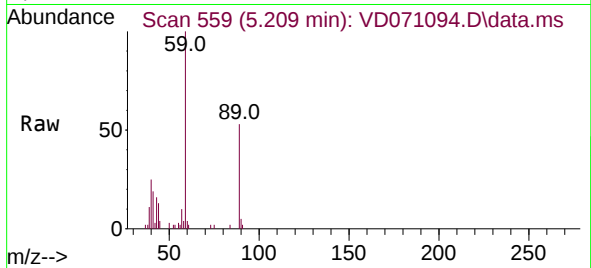




#11
Tert butyl alcohol
Concen: 216.562 ug/l
RT: 5.209 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

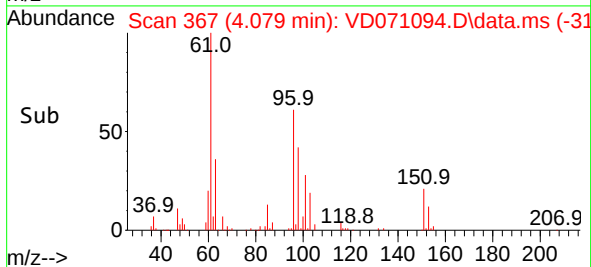
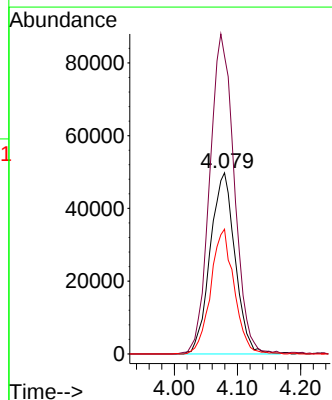
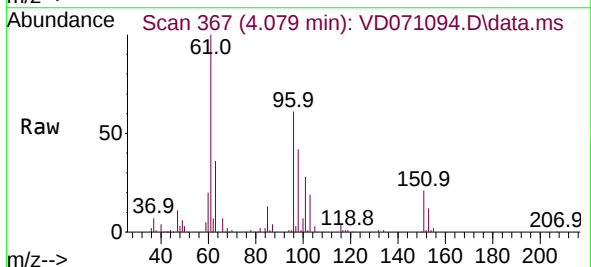
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 48185
Ion Ratio Lower Upper
59 100
57 8.5 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 51.685 ug/l
RT: 4.079 min Scan# 367
Delta R.T. 0.006 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 96 Resp: 136454
Ion Ratio Lower Upper
96 100
61 164.1 120.3 180.5
98 68.9 54.4 81.6





#13

Acrolein

Concen: 181.122 ug/l

RT: 3.926 min Scan# 341

Delta R.T. 0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

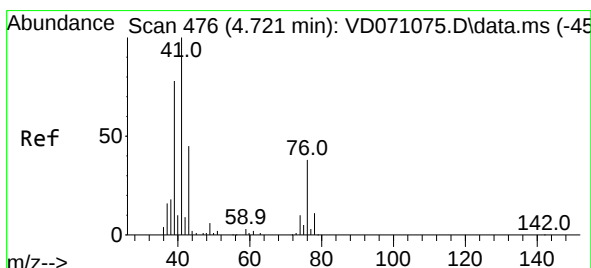
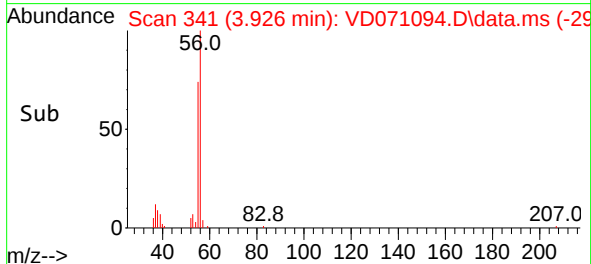
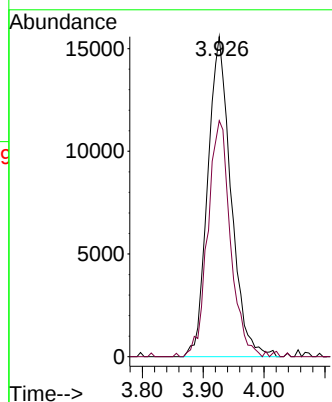
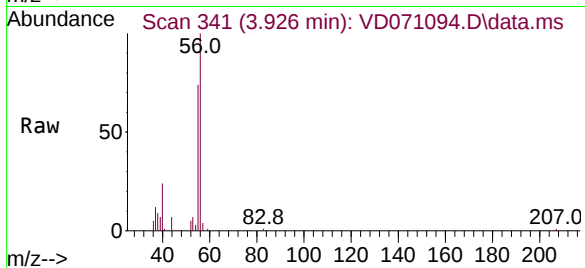
VSTDCCC050EC

Tgt Ion: 56 Resp: 41303

Ion Ratio Lower Upper

56 100

55 71.8 58.6 87.8



#14

Allyl chloride

Concen: 52.729 ug/l

RT: 4.721 min Scan# 476

Delta R.T. -0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

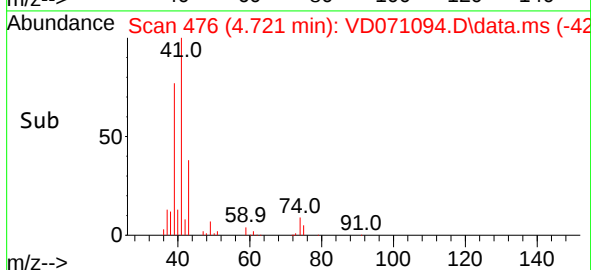
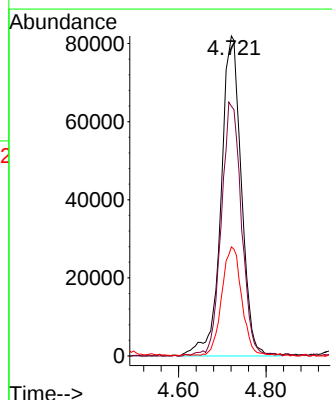
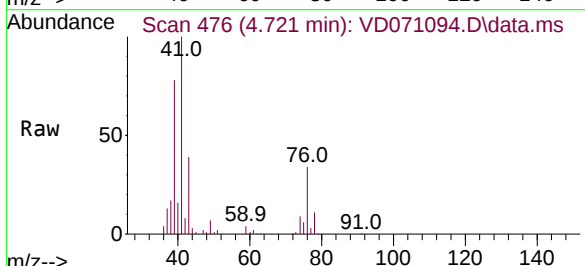
Tgt Ion: 41 Resp: 264423

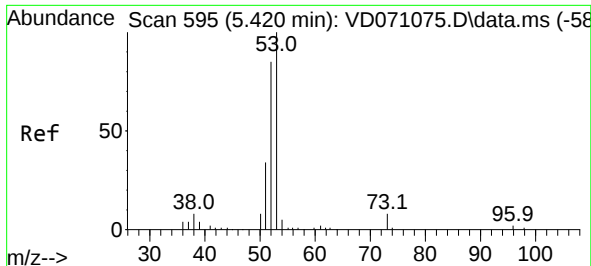
Ion Ratio Lower Upper

41 100

39 78.3 45.6 68.4#

76 32.9 30.2 45.4

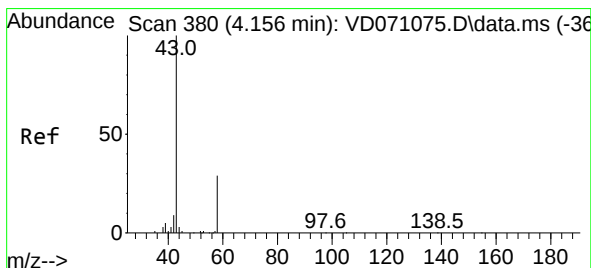
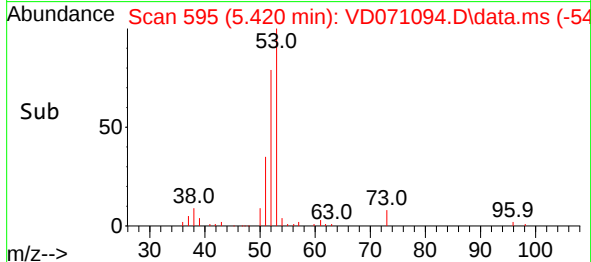
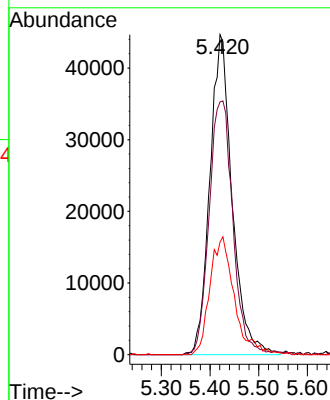
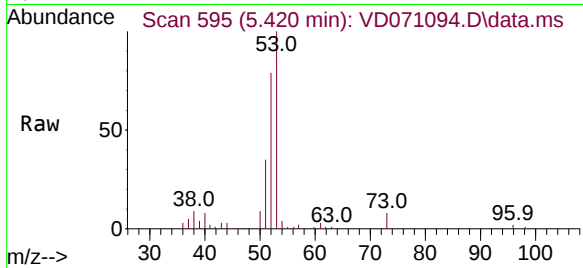




#15
Acrylonitrile
Concen: 221.601 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

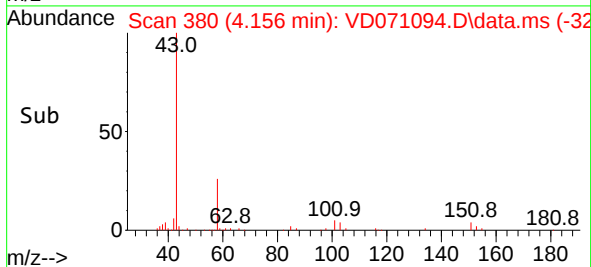
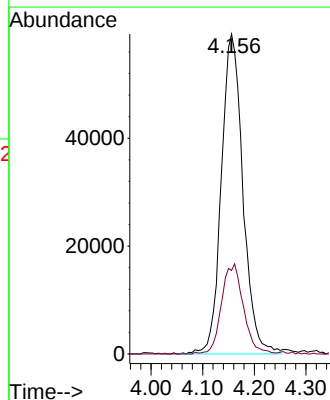
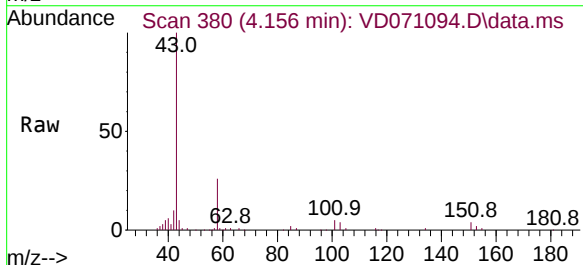
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

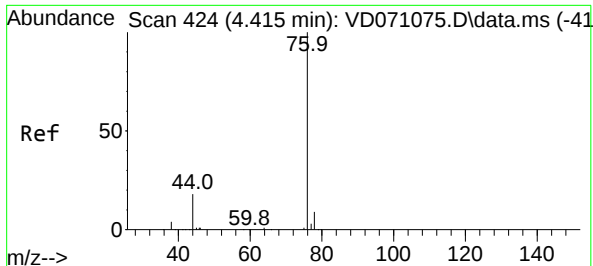
Tgt Ion:	53	Resp:	141674
Ion	Ratio	Lower	Upper
53	100		
52	84.6	63.8	95.8
51	40.6	28.5	42.7



#16
Acetone
Concen: 201.146 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion:	43	Resp:	172153
Ion	Ratio	Lower	Upper
43	100		
58	26.1	27.8	41.8#

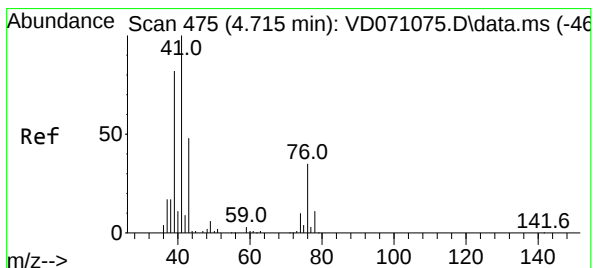
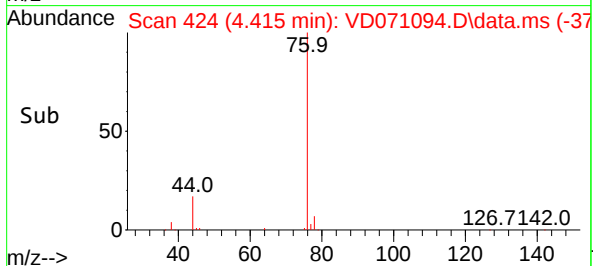
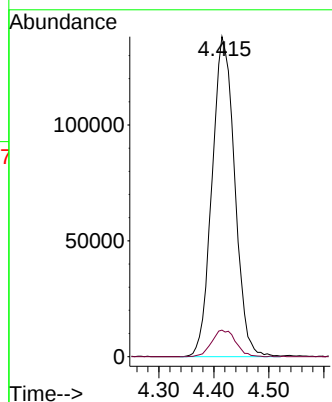
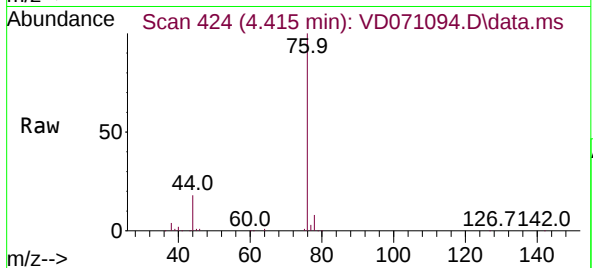




#17
Carbon Disulfide
Concen: 51.197 ug/l
RT: 4.415 min Scan# 417
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

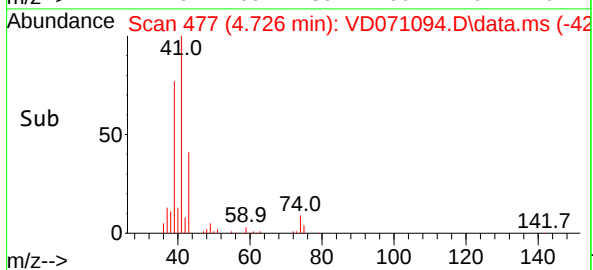
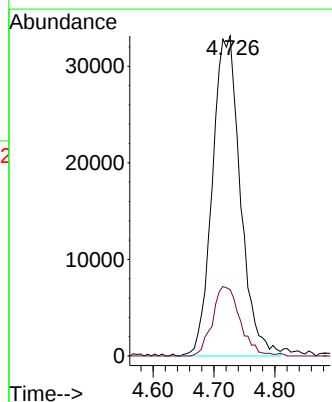
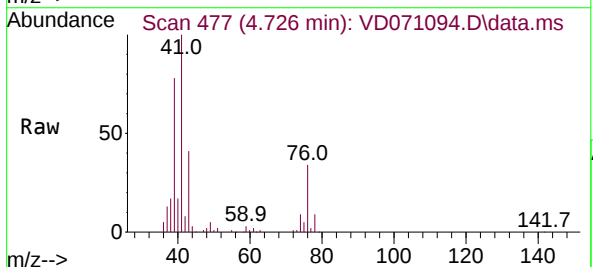
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

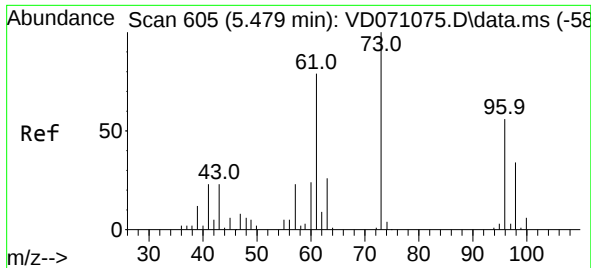
Tgt Ion: 76 Resp: 395743
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8



#18
Methyl Acetate
Concen: 42.992 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 43 Resp: 105850
Ion Ratio Lower Upper
43 100
74 21.5 19.3 28.9

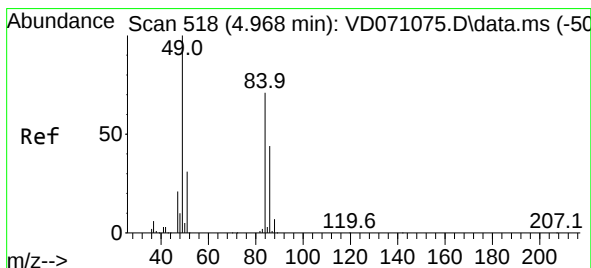
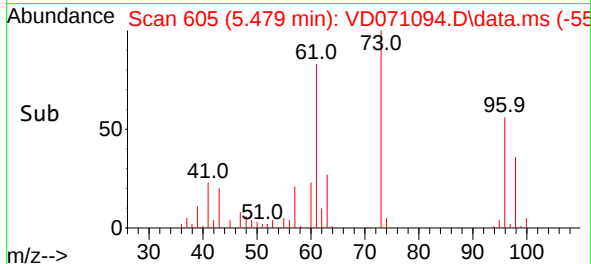
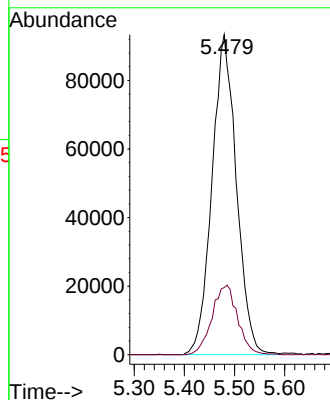
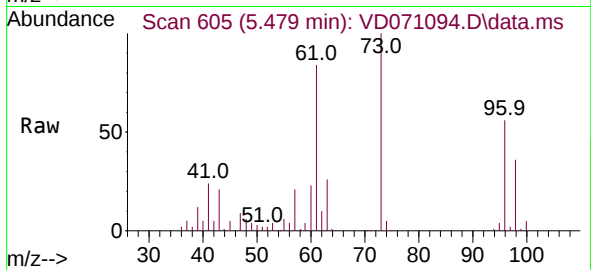




#19
Methyl tert-butyl Ether
Concen: 48.838 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

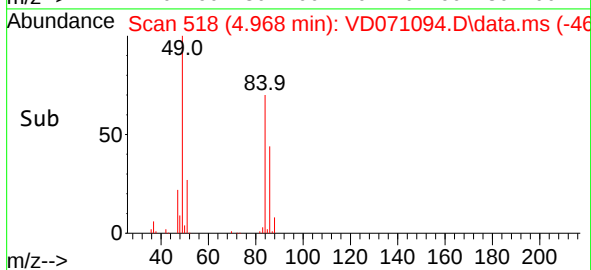
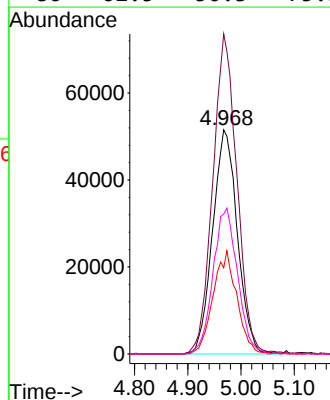
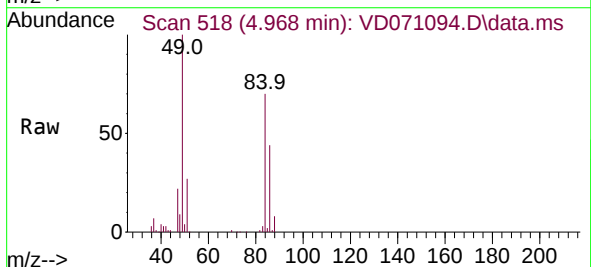
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

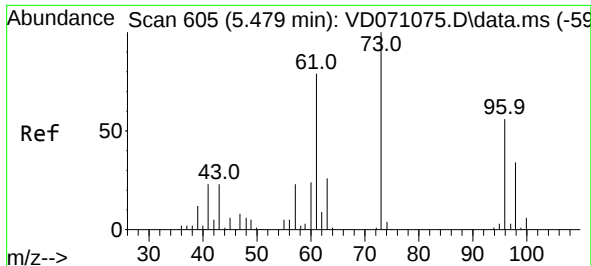
Tgt Ion: 73 Resp: 315992
Ion Ratio Lower Upper
73 100
57 21.0 18.9 28.3



#20
Methylene Chloride
Concen: 49.399 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 84 Resp: 166513
Ion Ratio Lower Upper
84 100
49 142.8 95.8 143.6
51 38.5 30.9 46.3
86 62.5 50.3 75.5

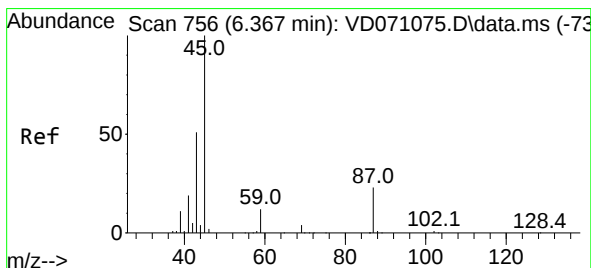
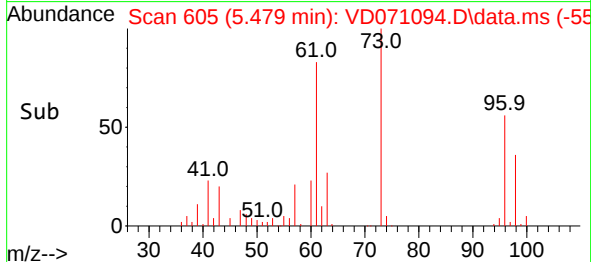
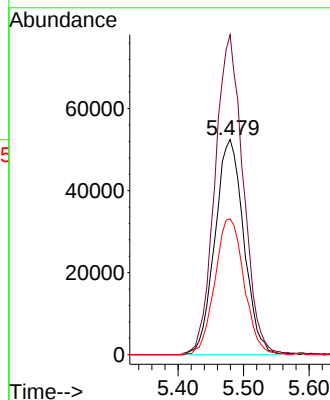
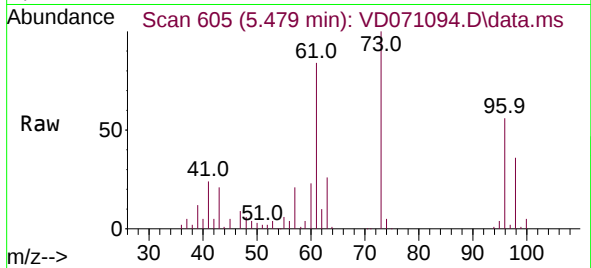




#21
trans-1,2-Dichloroethene
Concen: 53.916 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

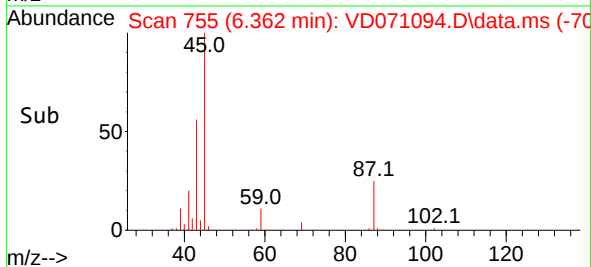
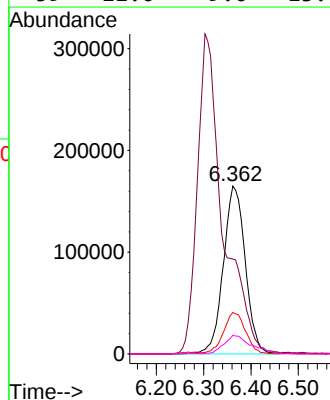
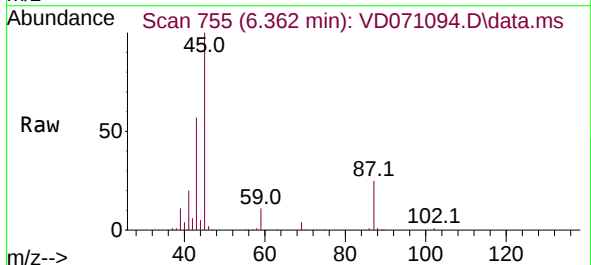
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 160233
Ion Ratio Lower Upper
96 100
61 148.7 102.1 153.1
98 63.2 50.1 75.1



#22
Diisopropyl ether
Concen: 52.850 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 45 Resp: 530999
Ion Ratio Lower Upper
45 100
43 55.9 39.6 59.4
87 24.6 21.2 31.8
59 11.0 9.0 13.6

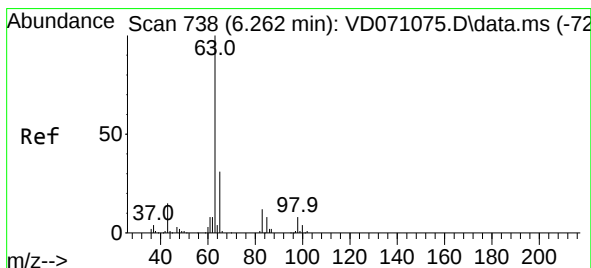
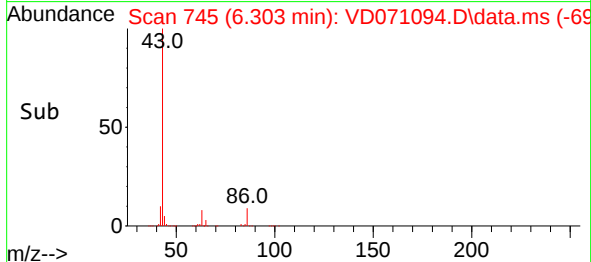
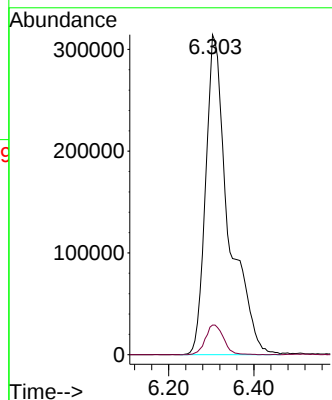
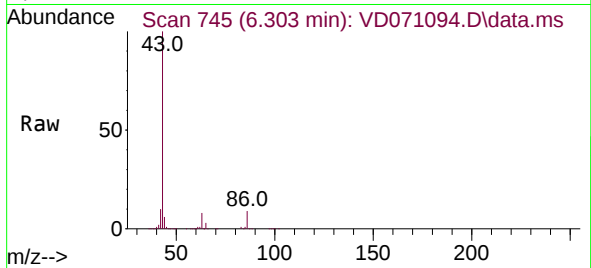




#23
 Vinyl Acetate
 Concen: 219.831 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071094.D
 Acq: 30 Nov 2021 20:21

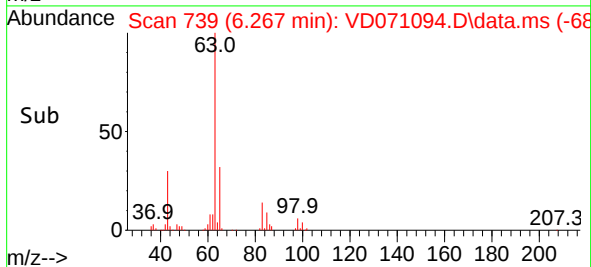
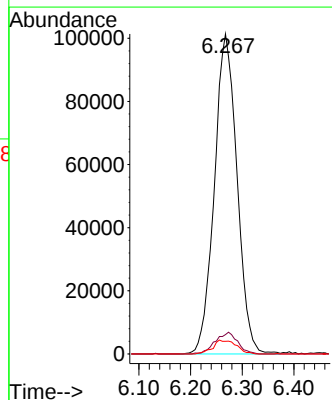
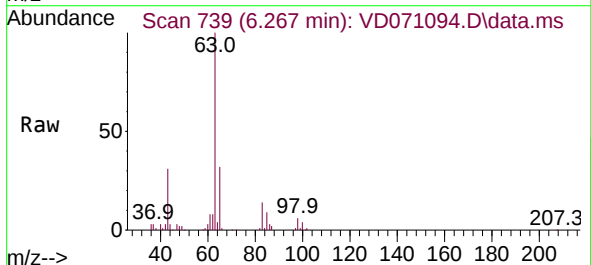
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

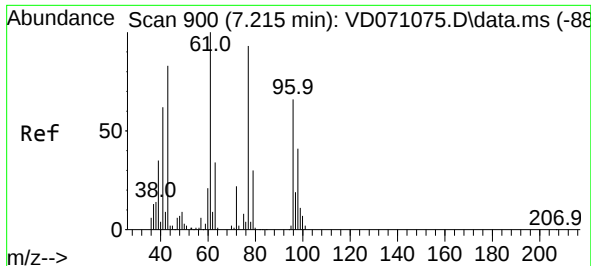
Tgt Ion: 43 Resp: 1174367
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 53.374 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071094.D
 Acq: 30 Nov 2021 20:21

Tgt Ion: 63 Resp: 308443
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.6
 100 4.0 2.1 6.3

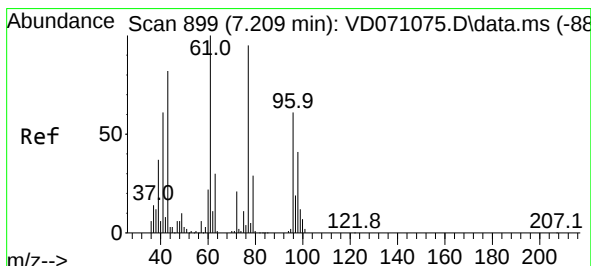
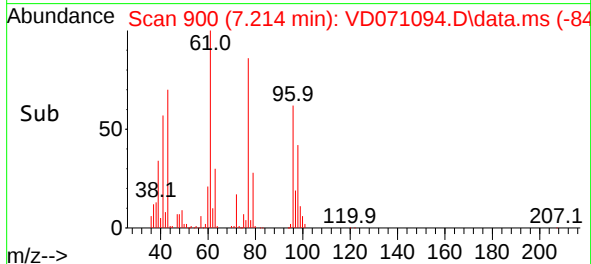
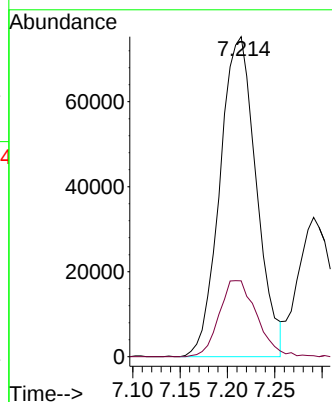
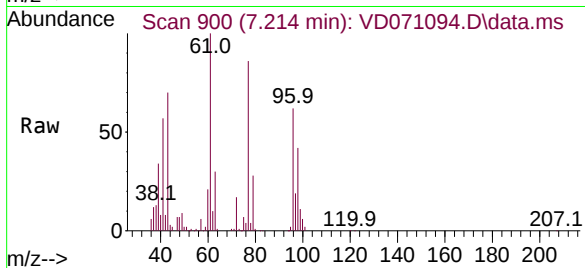




#25
2-Butanone
Concen: 202.837 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.001 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

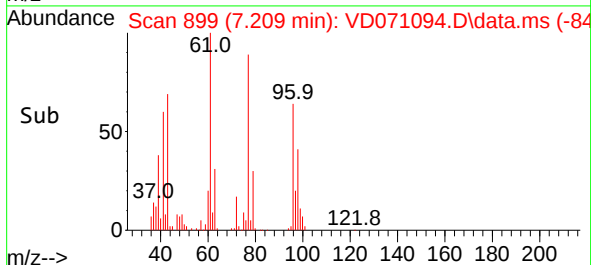
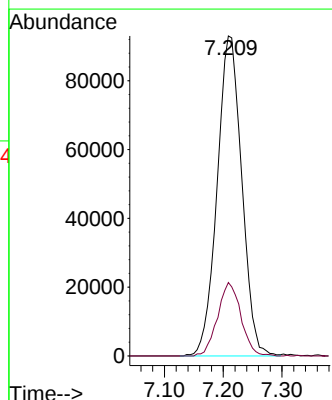
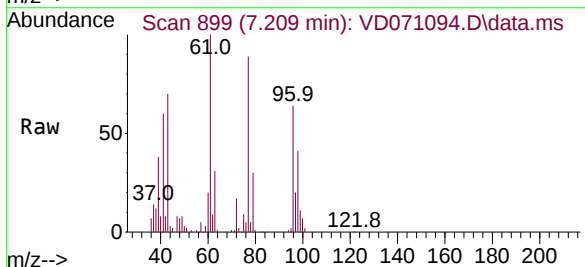
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

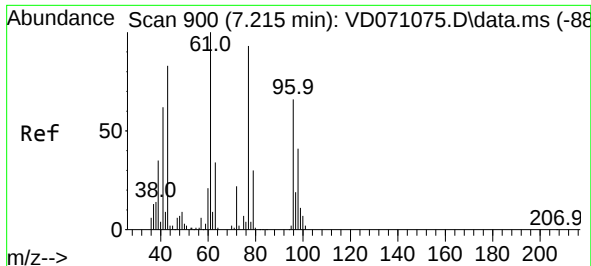
Tgt Ion: 43 Resp: 201409
Ion Ratio Lower Upper
43 100
72 23.7 23.8 35.6#



#26
2,2-Dichloropropane
Concen: 51.488 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 77 Resp: 270565
Ion Ratio Lower Upper
77 100
97 21.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 53.490 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

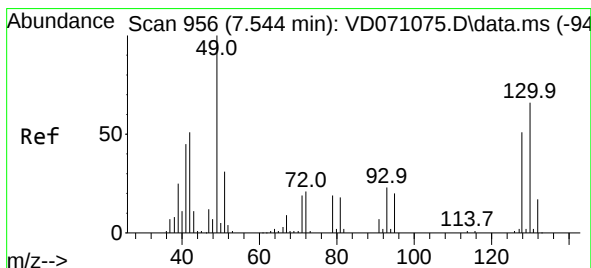
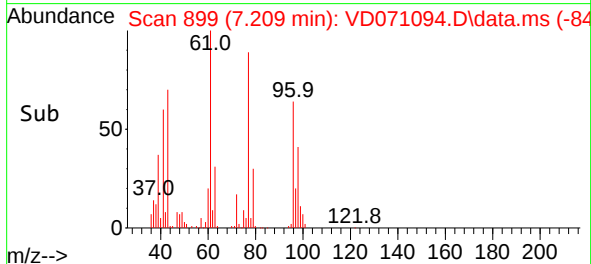
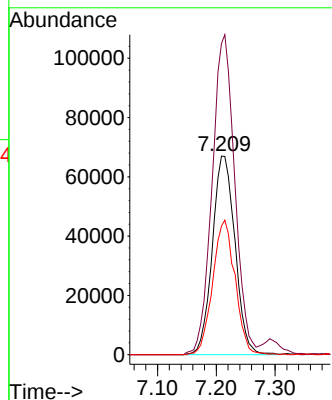
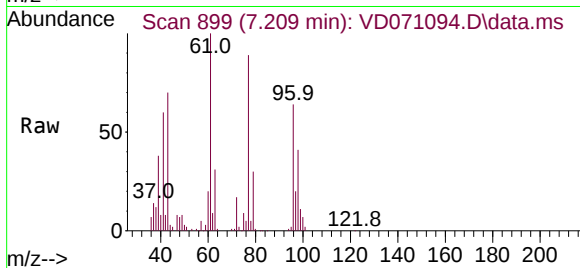
Tgt Ion: 96 Resp: 179844

Ion Ratio Lower Upper

96 100

61 160.4 0.0 288.6

98 66.7 0.0 129.2



#28

Bromochloromethane

Concen: 45.562 ug/l

RT: 7.550 min Scan# 957

Delta R.T. 0.006 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

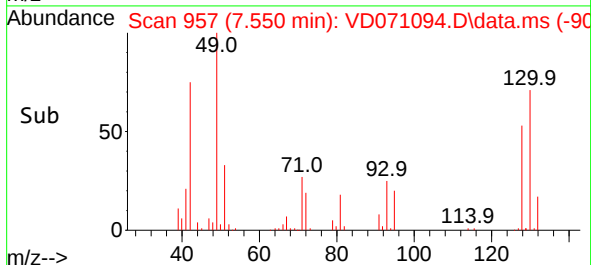
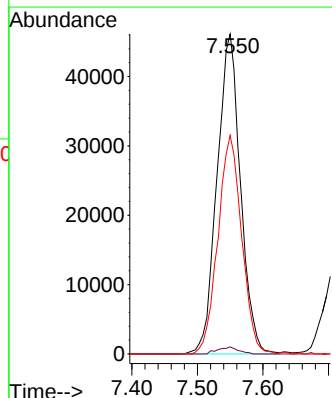
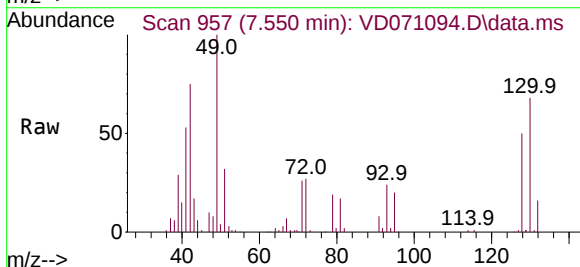
Tgt Ion: 49 Resp: 114360

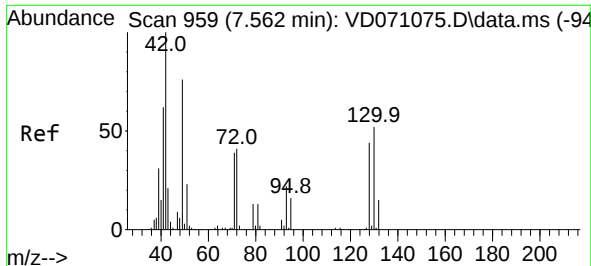
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 69.1 60.2 90.2





#29

Tetrahydrofuran

Concen: 217.173 ug/l

RT: 7.562 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

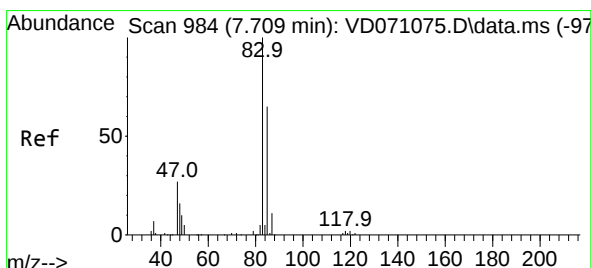
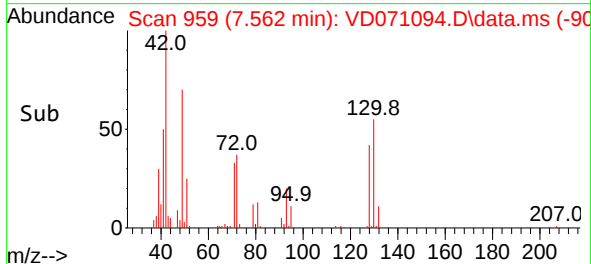
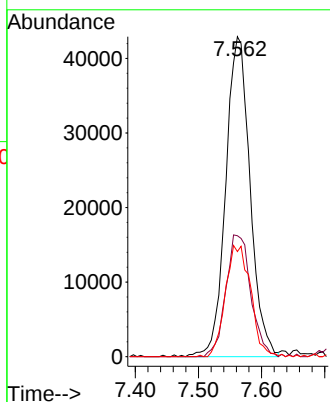
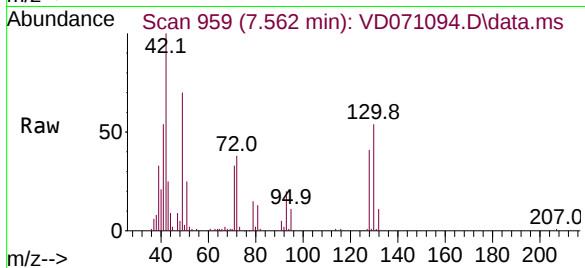
Tgt Ion: 42 Resp: 115076

Ion Ratio Lower Upper

42 100

72 39.0 33.7 50.5

71 36.0 32.7 49.1



#30

Chloroform

Concen: 55.113 ug/l

RT: 7.709 min Scan# 984

Delta R.T. -0.000 min

Lab File: VD071094.D

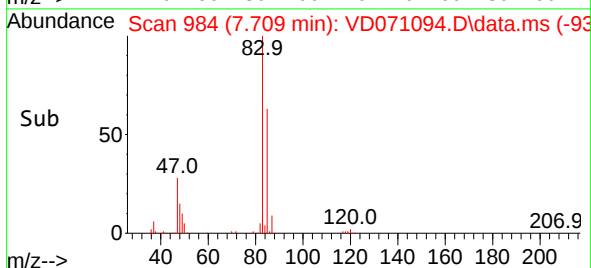
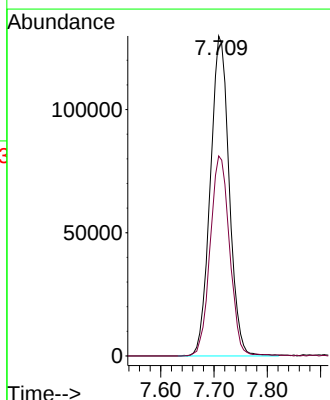
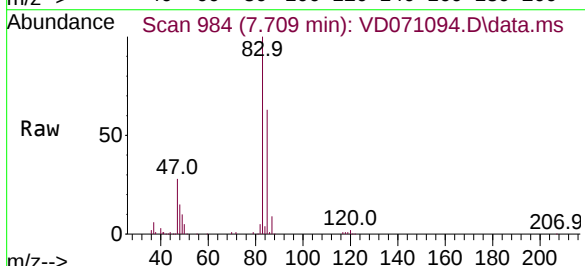
Acq: 30 Nov 2021 20:21

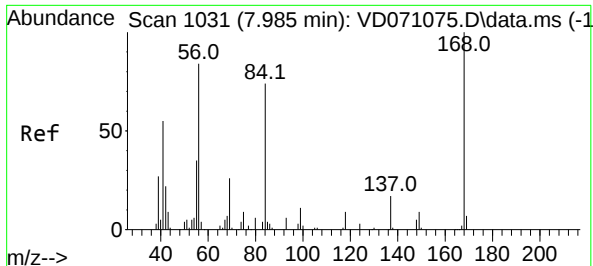
Tgt Ion: 83 Resp: 319635

Ion Ratio Lower Upper

83 100

85 62.5 51.0 76.6

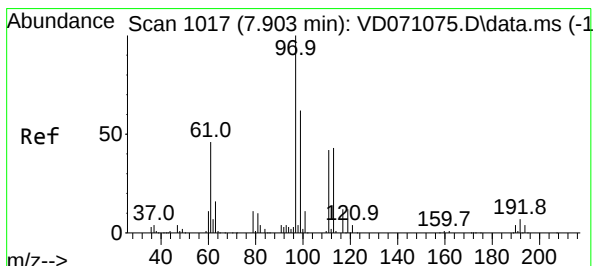
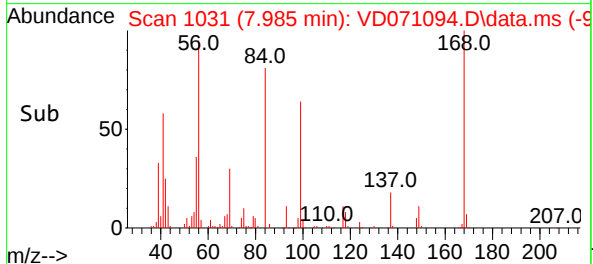
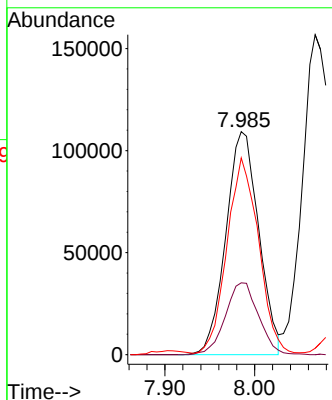
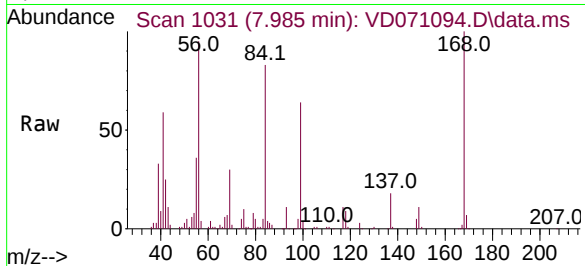




#31
Cyclohexane
Concen: 48.971 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

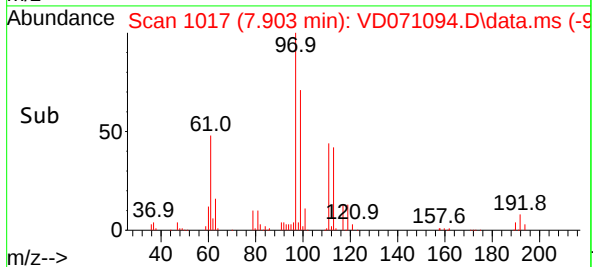
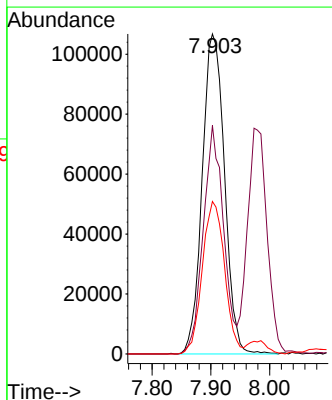
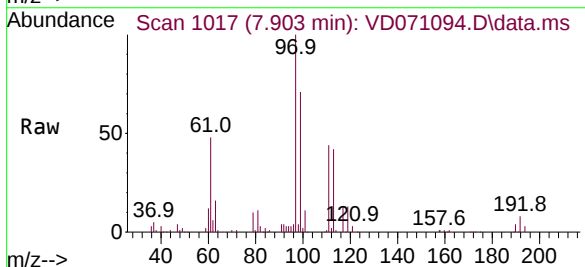
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

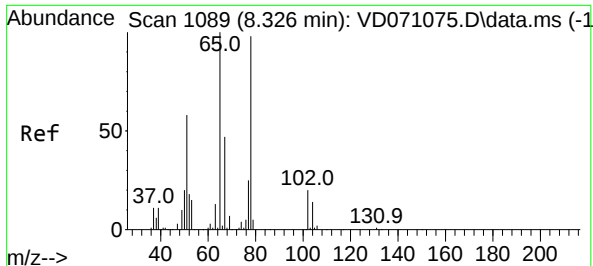
Tgt Ion: 56 Resp: 277971
Ion Ratio Lower Upper
56 100
69 32.2 25.9 38.9
84 86.7 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 54.009 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 97 Resp: 281229
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 47.8 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 45.768 ug/l

RT: 8.332 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

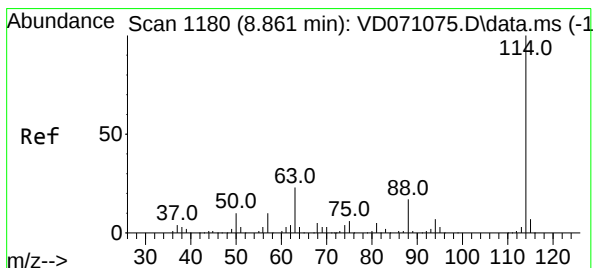
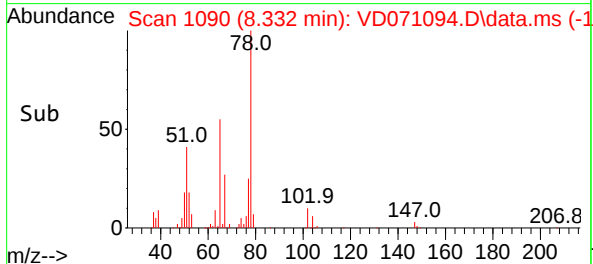
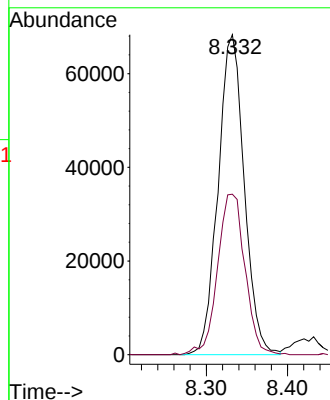
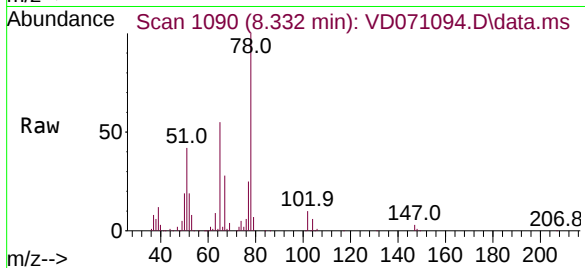
VSTDCCC050EC

Tgt Ion: 65 Resp: 152727

Ion Ratio Lower Upper

65 100

67 52.7 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

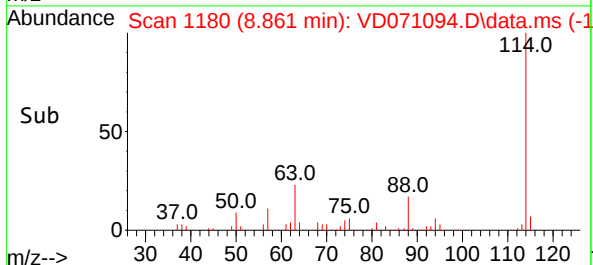
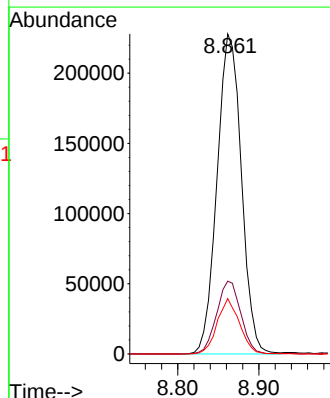
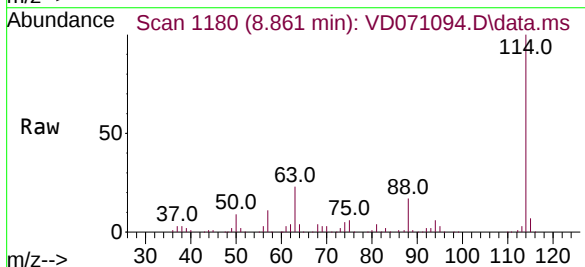
Tgt Ion: 114 Resp: 475310

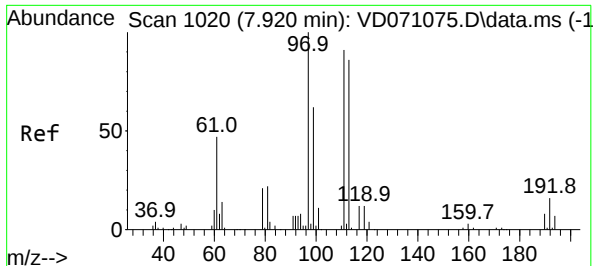
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.876 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

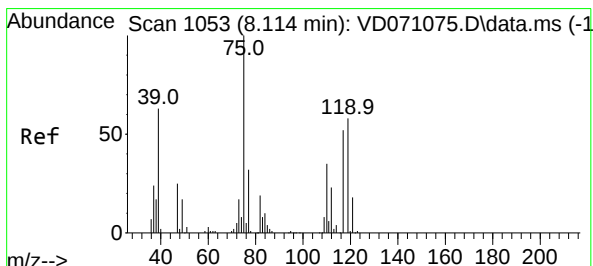
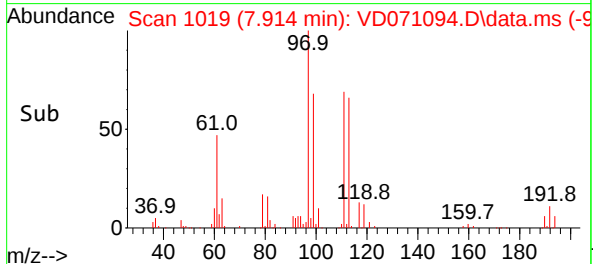
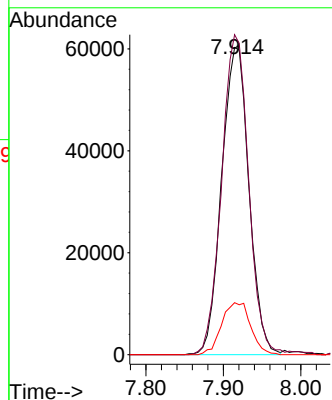
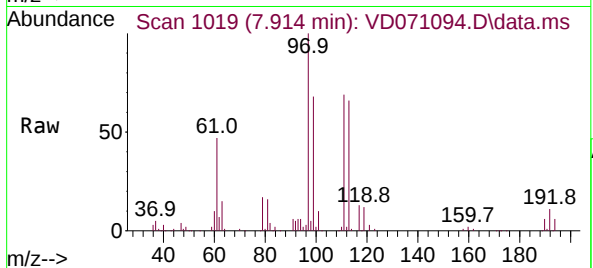
Tgt Ion:113 Resp: 147935

Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

192 18.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 52.567 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

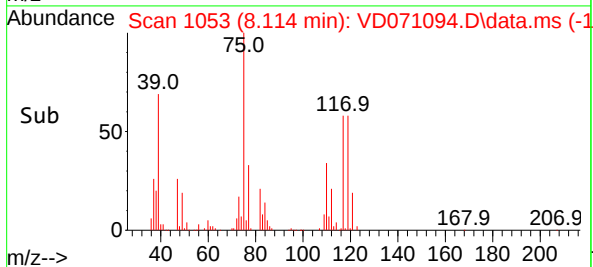
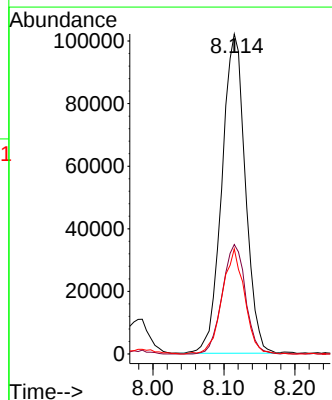
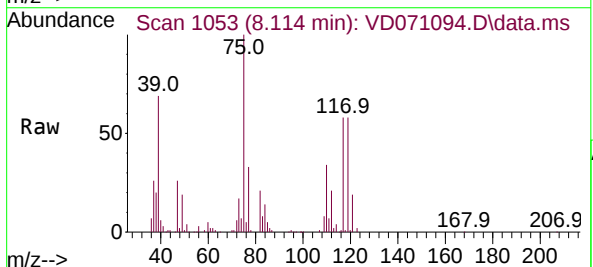
Tgt Ion: 75 Resp: 233522

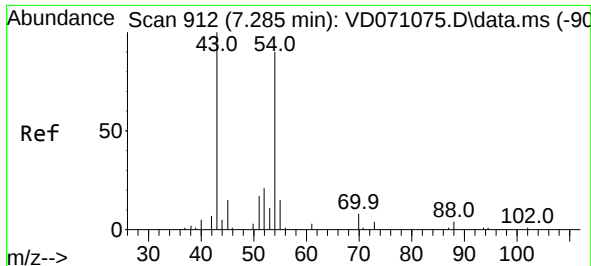
Ion Ratio Lower Upper

75 100

110 34.1 17.8 53.4

77 31.6 24.8 37.2





#37

Ethyl Acetate

Concen: 44.355 ug/l

RT: 7.291 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

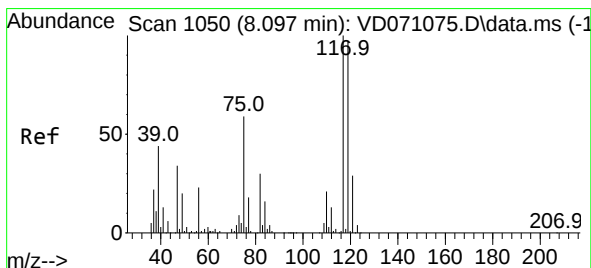
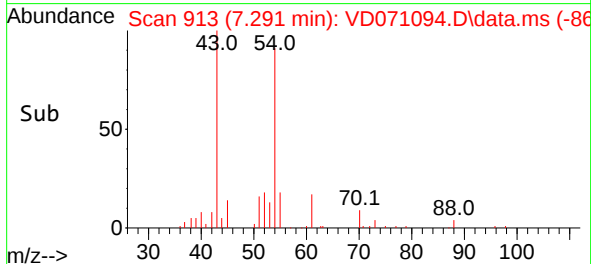
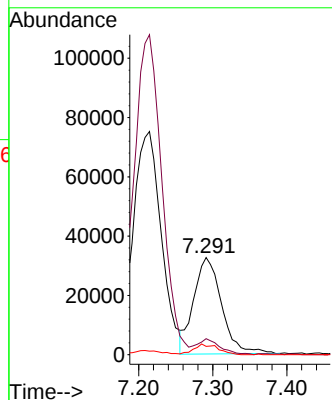
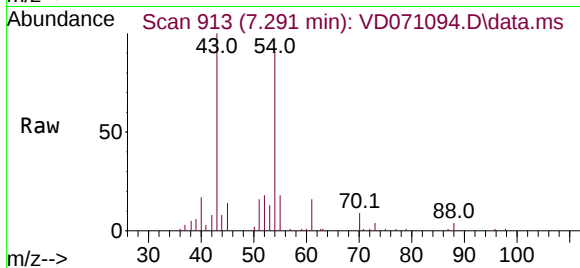
Tgt Ion: 43 Resp: 85115

Ion Ratio Lower Upper

43 100

61 12.8 13.0 19.6#

70 9.4 8.7 13.1



#38

Carbon Tetrachloride

Concen: 54.578 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

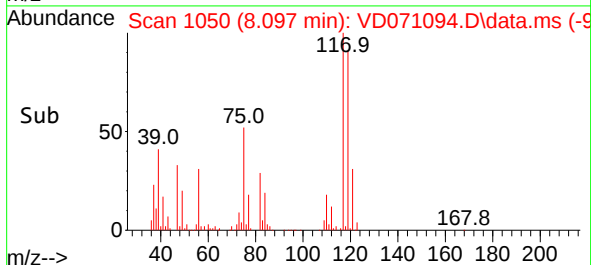
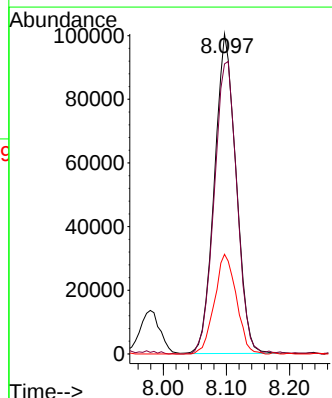
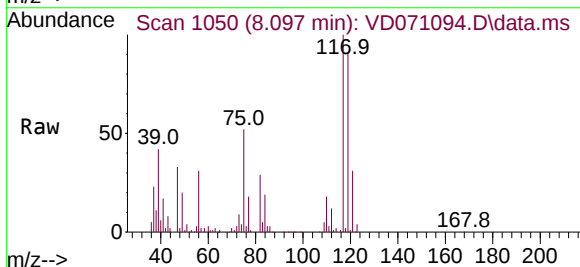
Tgt Ion: 117 Resp: 239000

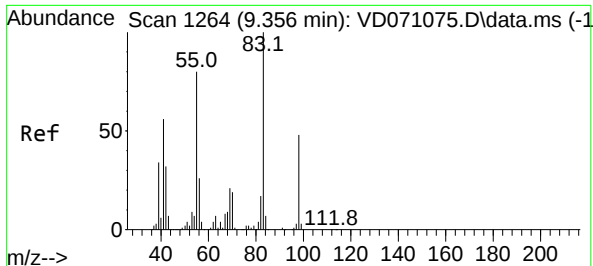
Ion Ratio Lower Upper

117 100

119 90.9 75.8 113.6

121 31.2 23.6 35.4





#39

Methylcyclohexane

Concen: 52.240 ug/l

RT: 9.356 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

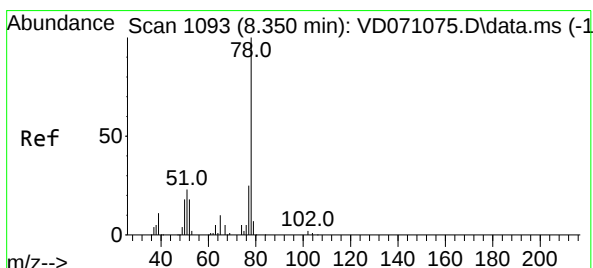
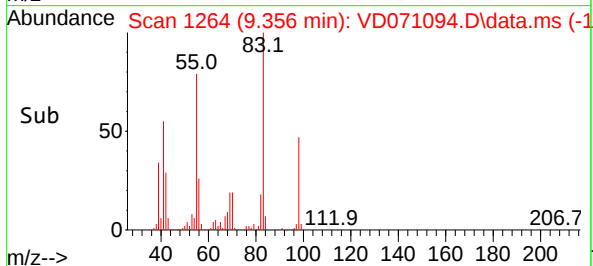
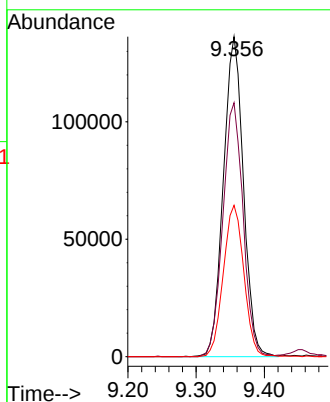
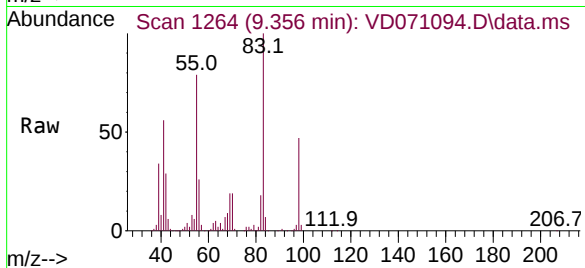
Tgt Ion: 83 Resp: 279132

Ion Ratio Lower Upper

83 100

55 79.4 65.8 98.8

98 47.3 38.7 58.1



#40

Benzene

Concen: 53.766 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071094.D

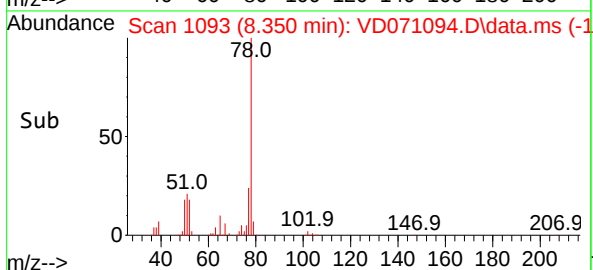
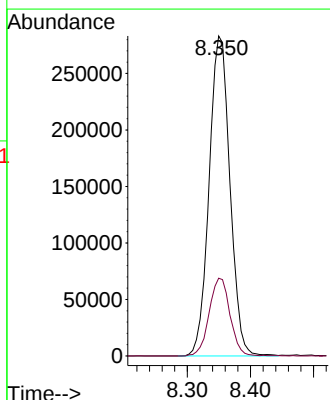
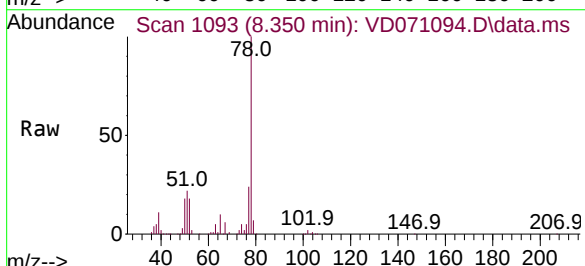
Acq: 30 Nov 2021 20:21

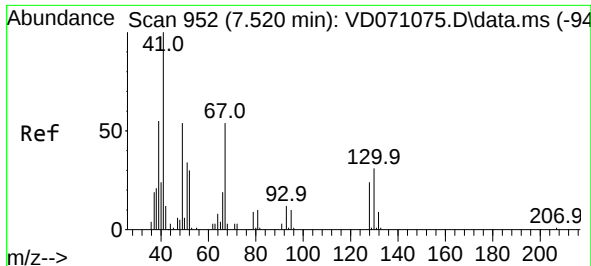
Tgt Ion: 78 Resp: 648790

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

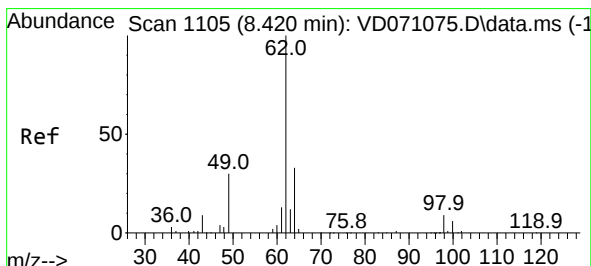
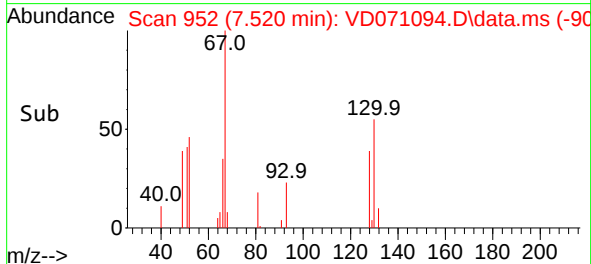
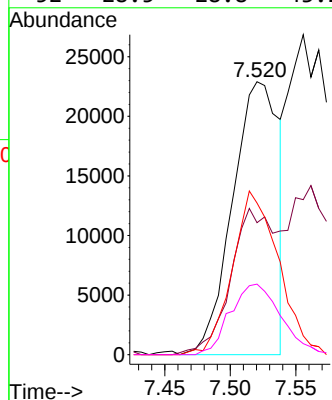
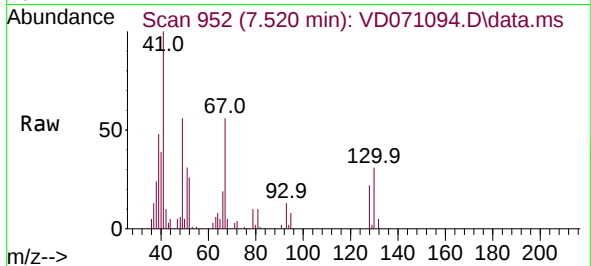




#41
Methacrylonitrile
Concen: 58.516 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

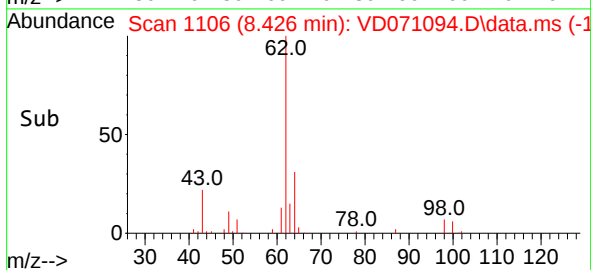
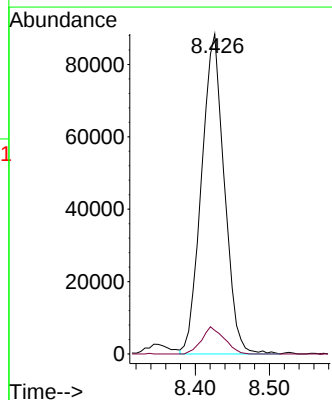
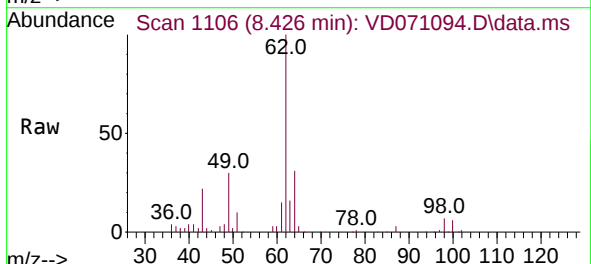
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

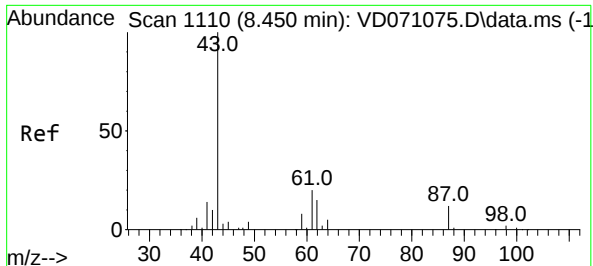
Tgt Ion:	41	Resp:	55974
Ion	Ratio	Lower	Upper
41	100		
39	47.1	60.2	90.4#
67	60.2	74.8	112.2#
52	28.5	28.8	43.2#



#42
1,2-Dichloroethane
Concen: 51.370 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion:	62	Resp:	189214
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	21.8





#43

Isopropyl Acetate

Concen: 42.685 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

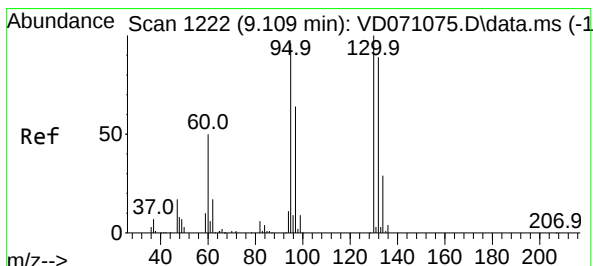
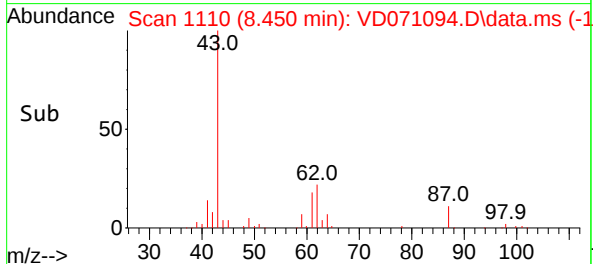
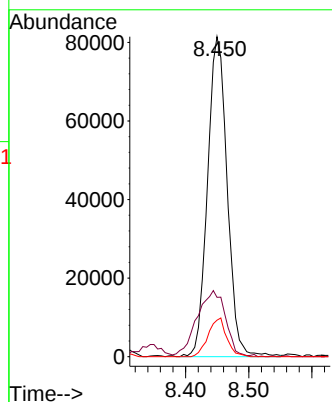
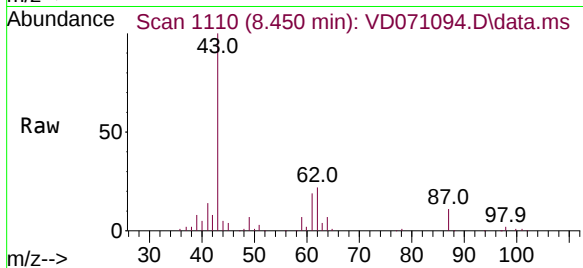
Tgt Ion: 43 Resp: 176632

Ion Ratio Lower Upper

43 100

61 30.2 28.2 42.4

87 11.3 10.7 16.1



#44

Trichloroethene

Concen: 55.123 ug/l

RT: 9.114 min Scan# 1223

Delta R.T. 0.005 min

Lab File: VD071094.D

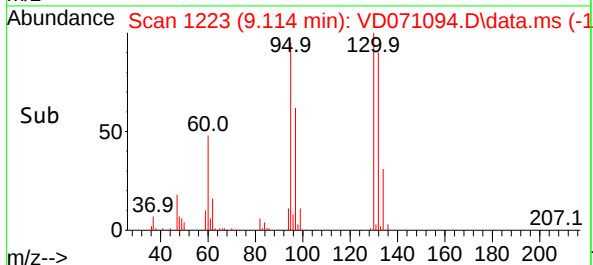
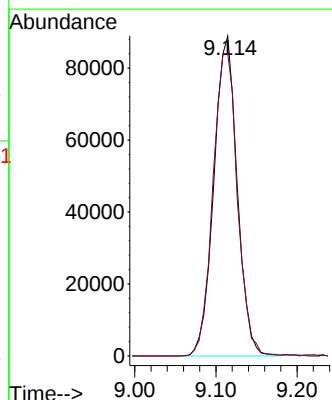
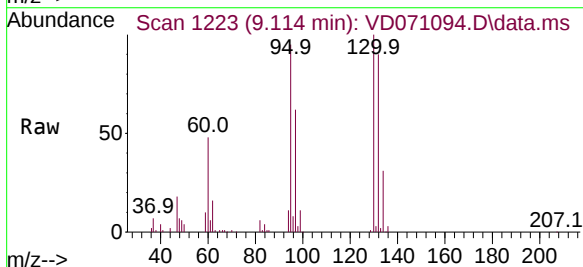
Acq: 30 Nov 2021 20:21

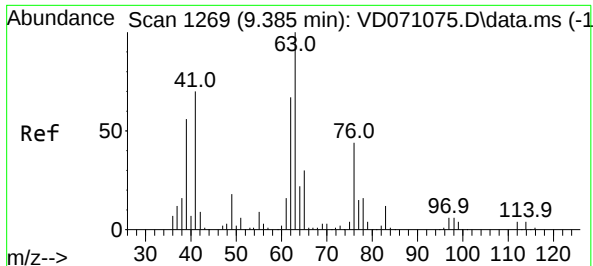
Tgt Ion:130 Resp: 177349

Ion Ratio Lower Upper

130 100

95 94.6 0.0 193.2





#45

1,2-Dichloropropane

Concen: 53.878 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

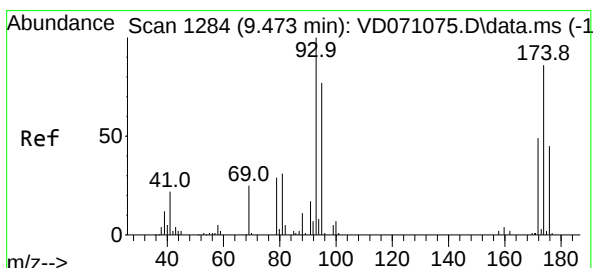
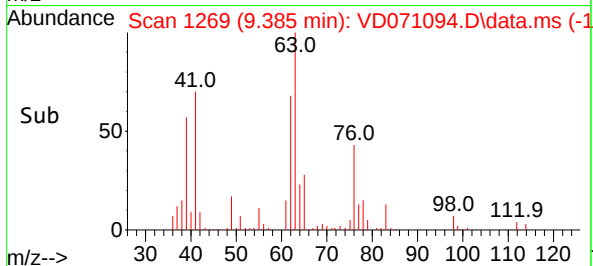
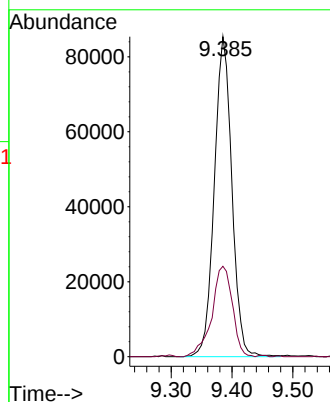
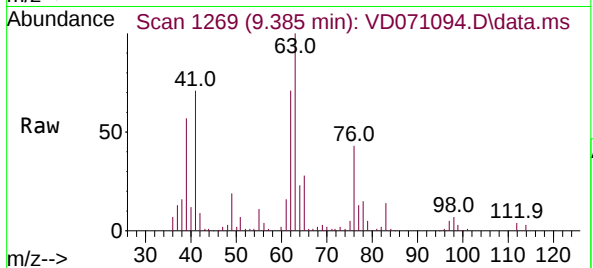
VSTDCCC050EC

Tgt Ion: 63 Resp: 170975

Ion Ratio Lower Upper

63 100

65 28.2 24.2 36.2



#46

Dibromomethane

Concen: 48.799 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

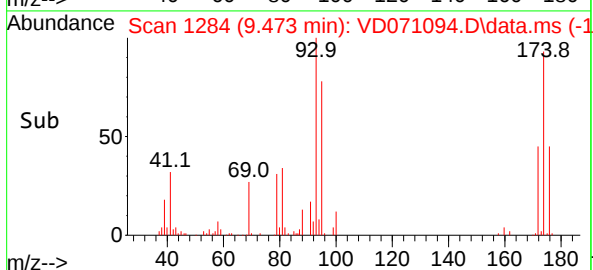
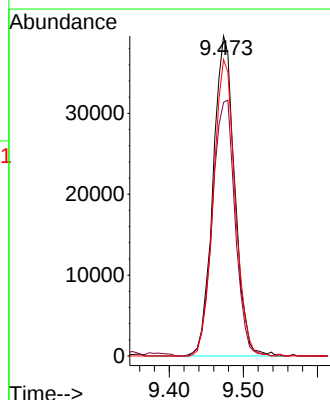
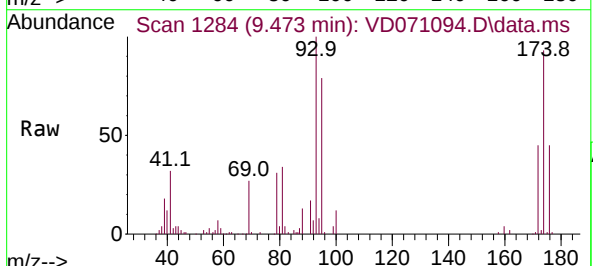
Tgt Ion: 93 Resp: 80342

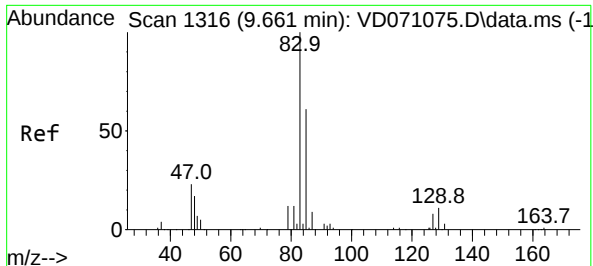
Ion Ratio Lower Upper

93 100

95 83.6 66.1 99.1

174 92.8 78.6 117.8

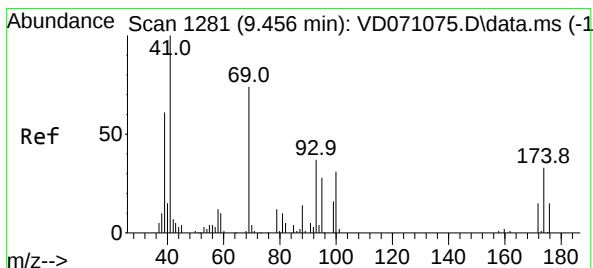
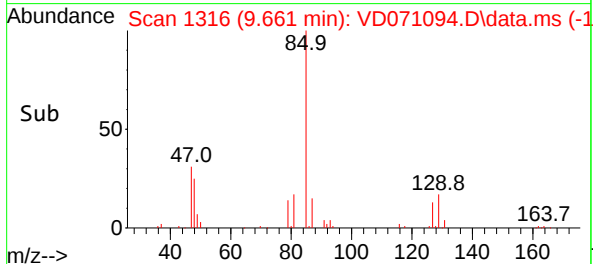
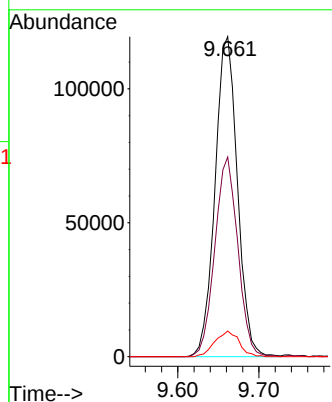
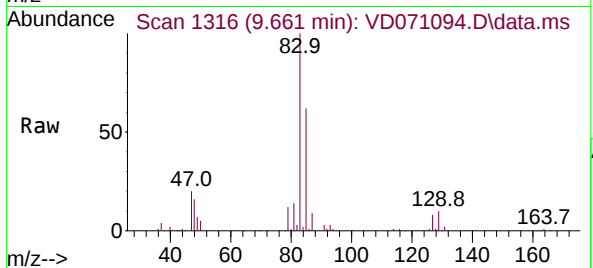




#47
Bromodichloromethane
Concen: 52.695 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

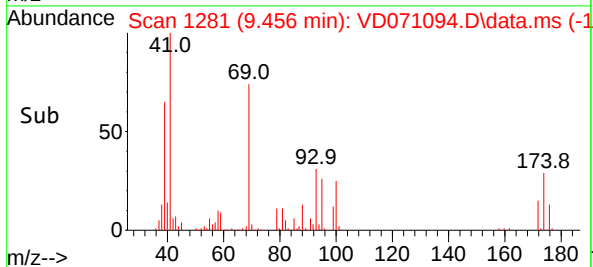
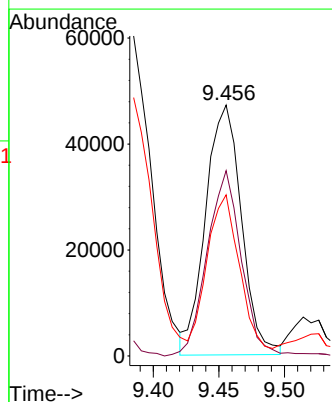
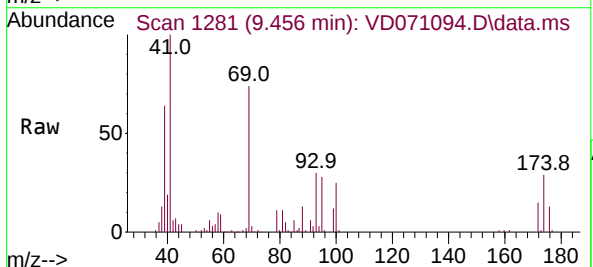
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

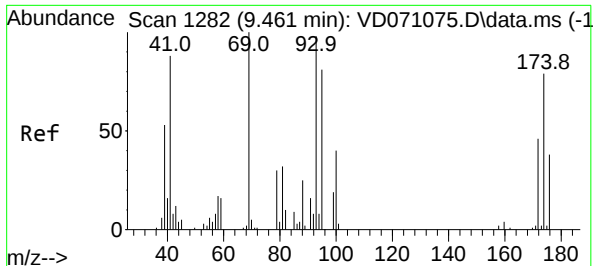
Tgt Ion: 83 Resp: 229435
Ion Ratio Lower Upper
83 100
85 62.4 50.0 75.0
127 8.0 7.3 10.9



#48
Methyl methacrylate
Concen: 47.817 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 41 Resp: 89817
Ion Ratio Lower Upper
41 100
69 71.3 69.8 104.6
39 54.0 35.6 53.4





#49

1,4-Dioxane

Concen: 858.695 ug/l

RT: 9.456 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

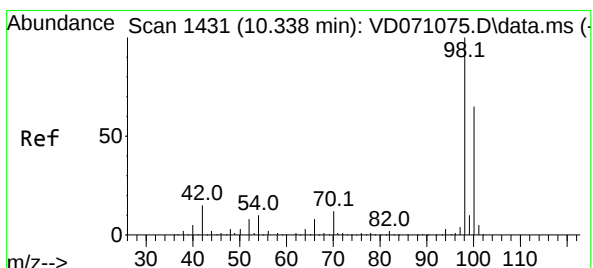
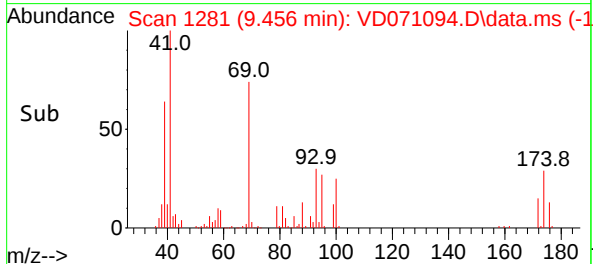
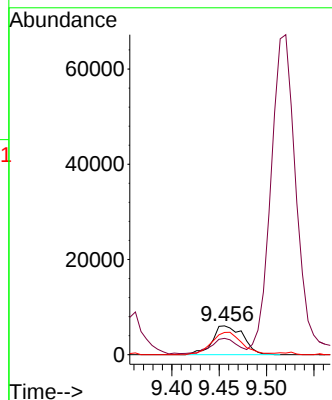
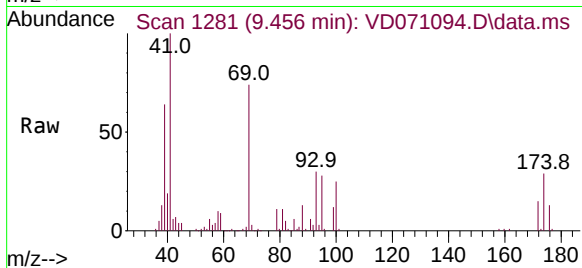
Tgt Ion: 88 Resp: 13647

Ion Ratio Lower Upper

88 100

43 48.2 28.9 43.3#

58 77.8 56.3 84.5



#50

Toluene-d8

Concen: 47.499 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071094.D

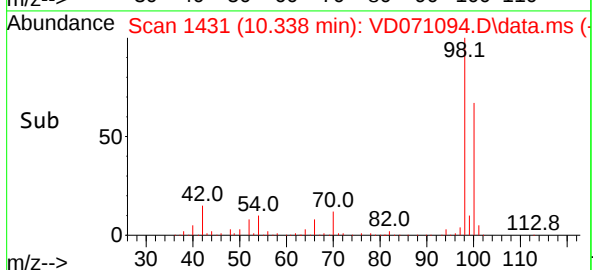
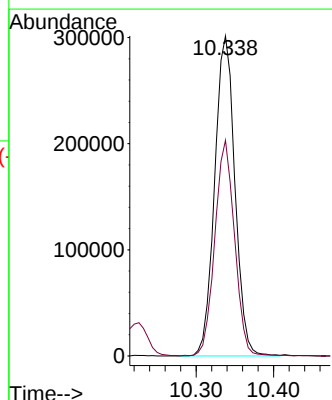
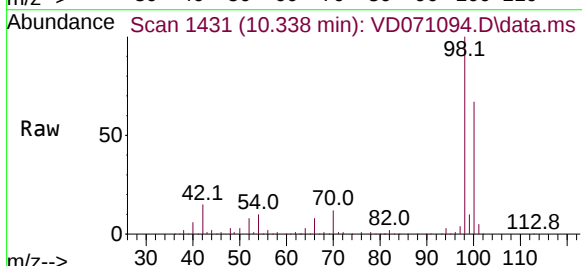
Acq: 30 Nov 2021 20:21

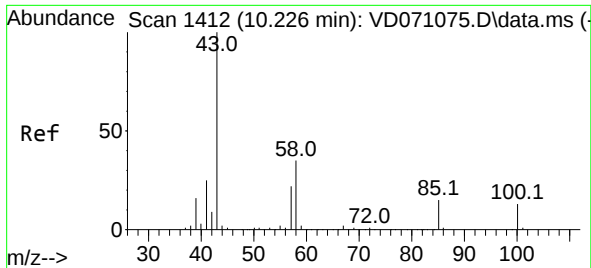
Tgt Ion: 98 Resp: 547103

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.6

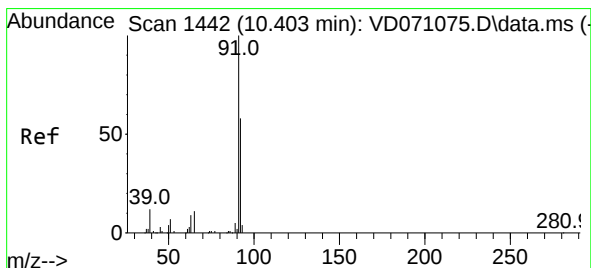
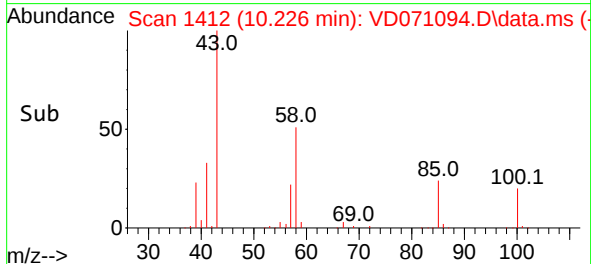
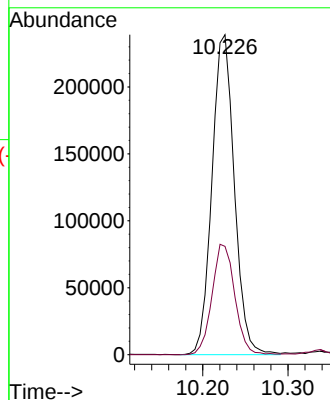
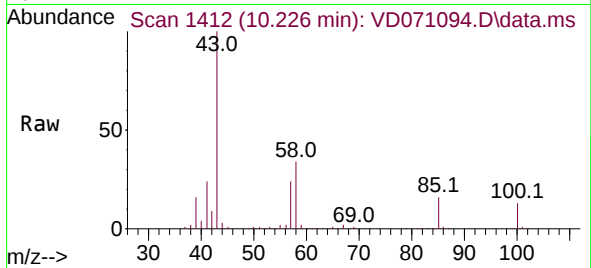




#51
4-Methyl-2-Pentanone
Concen: 207.438 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

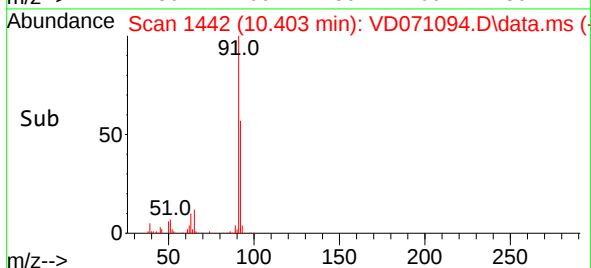
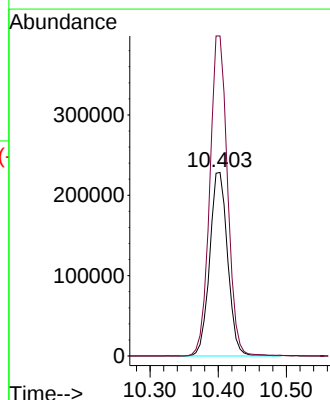
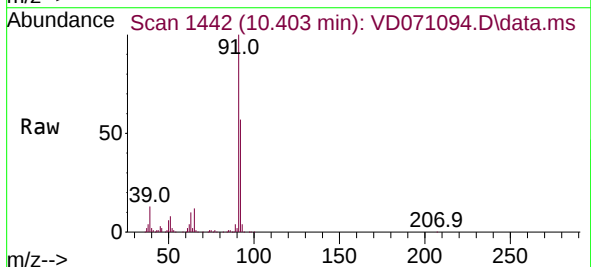
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

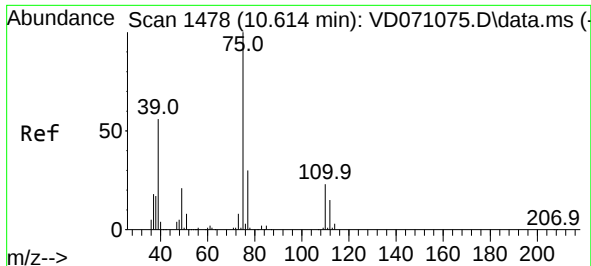
Tgt Ion: 43 Resp: 436000
Ion Ratio Lower Upper
43 100
58 35.1 33.1 49.7



#52
Toluene
Concen: 54.495 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 92 Resp: 417224
Ion Ratio Lower Upper
92 100
91 173.1 140.7 211.1

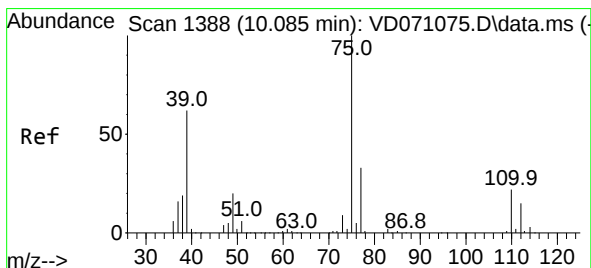
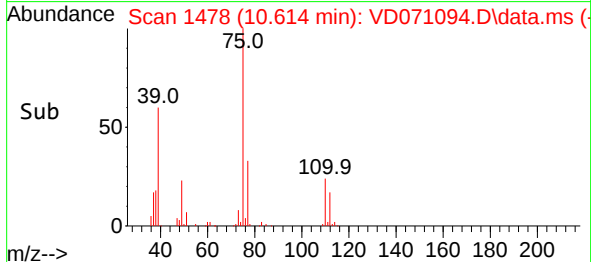
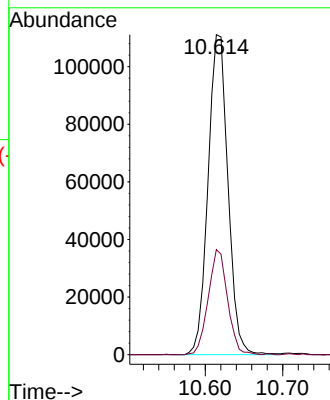
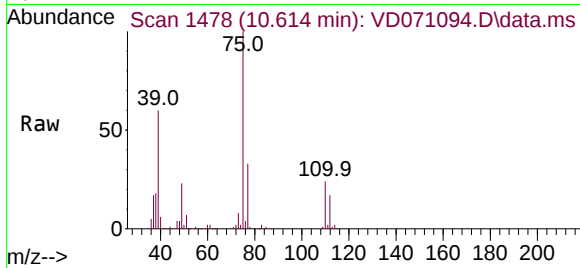




#53
t-1,3-Dichloropropene
Concen: 49.483 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

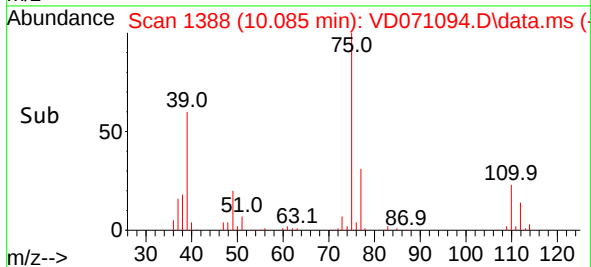
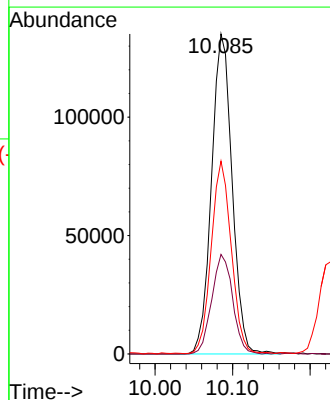
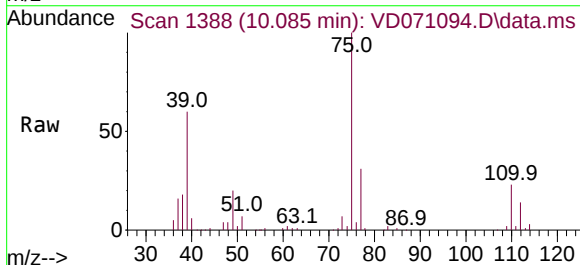
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

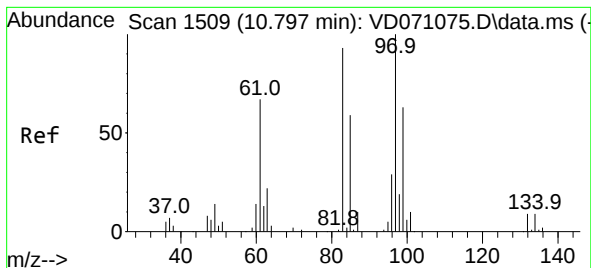
Tgt Ion: 75 Resp: 198088
Ion Ratio Lower Upper
75 100
77 32.9 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 52.459 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 75 Resp: 249449
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6
39 60.1 31.6 47.4#



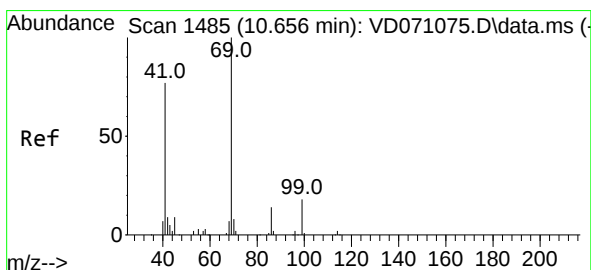
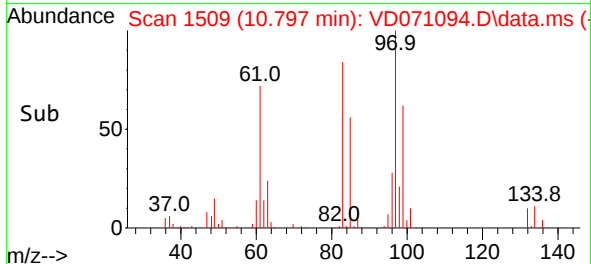
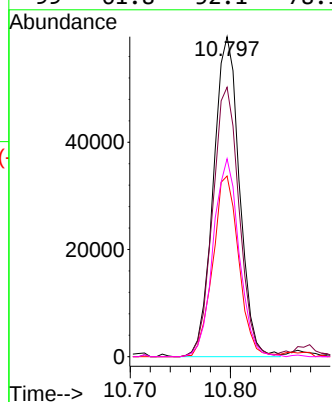
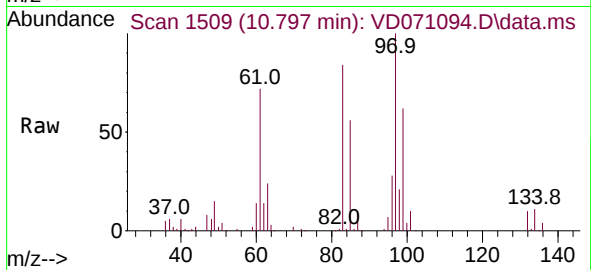


#55
1,1,2-Trichloroethane
Concen: 49.965 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 107915

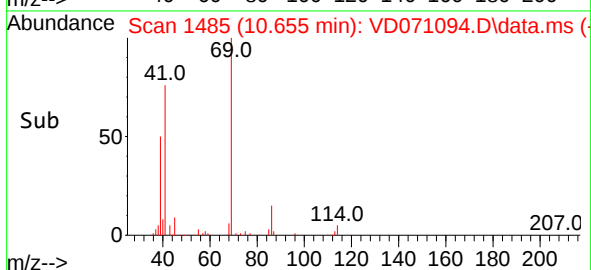
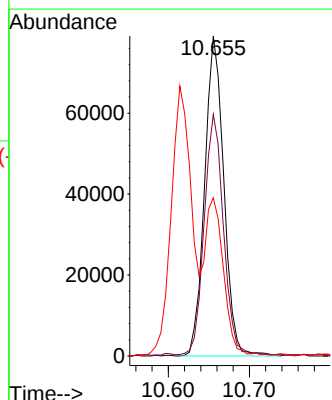
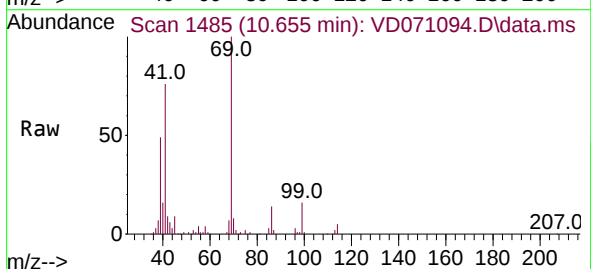
Ion	Ratio	Lower	Upper
97	100		
83	84.2	65.2	97.8
85	56.4	43.4	65.0
99	61.8	52.1	78.1

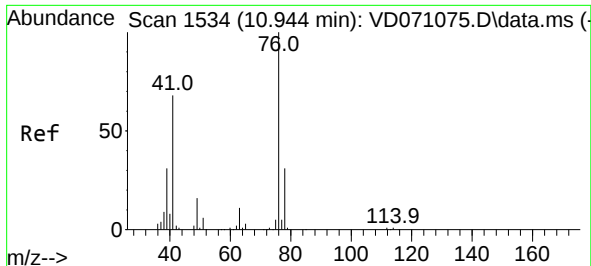


#56
Ethyl methacrylate
Concen: 42.654 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 69 Resp: 129525

Ion	Ratio	Lower	Upper
69	100		
41	75.9	50.2	75.2#
39	47.9	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 50.767 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

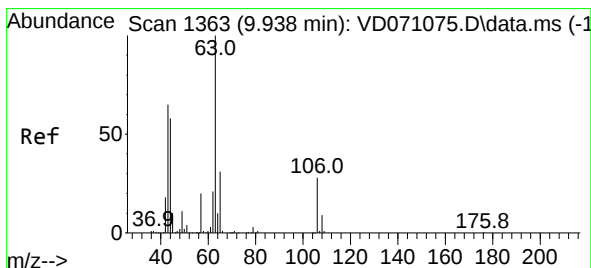
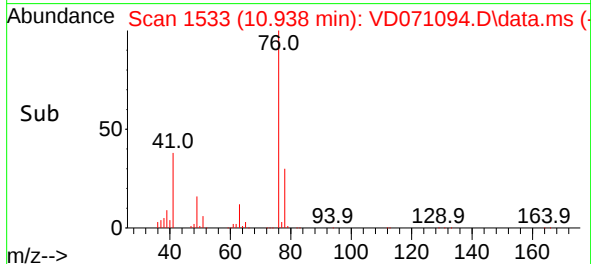
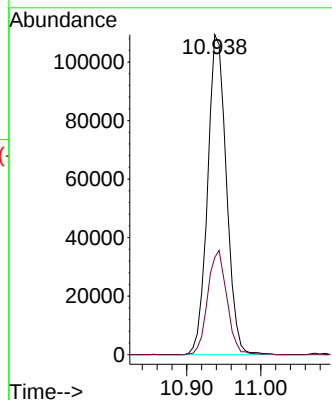
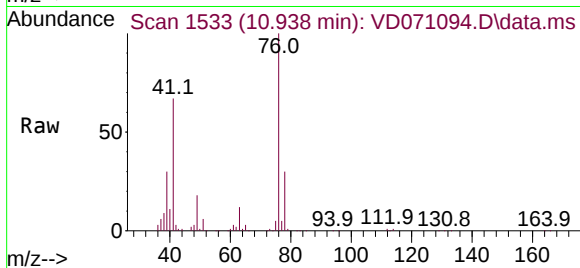
VSTDCCC050EC

Tgt Ion: 76 Resp: 192619

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 229.306 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071094.D

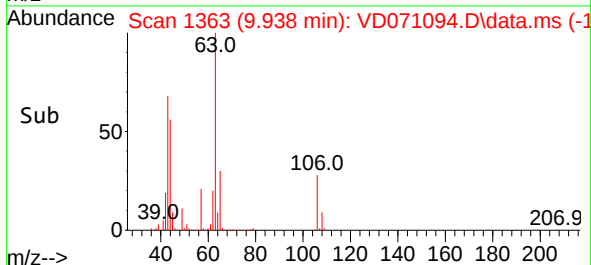
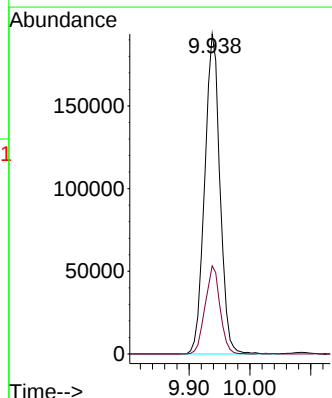
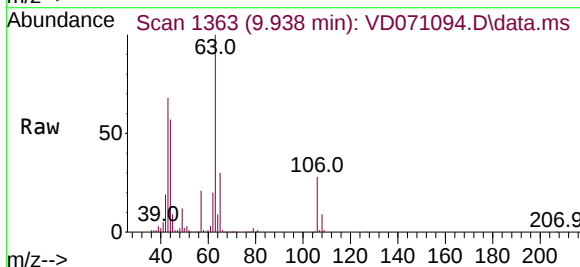
Acq: 30 Nov 2021 20:21

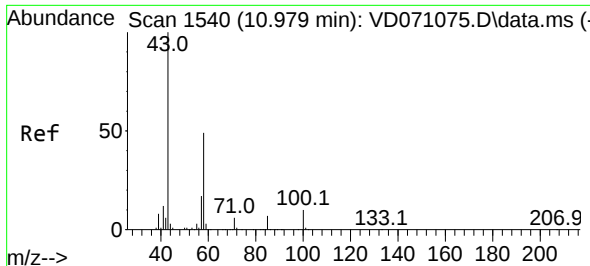
Tgt Ion: 63 Resp: 337015

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.4

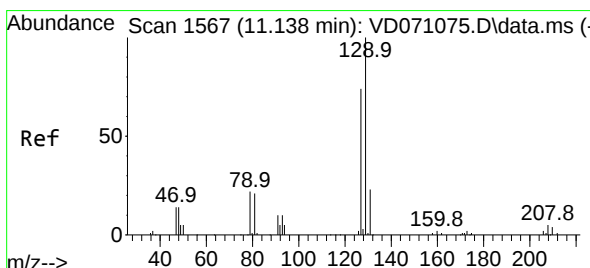
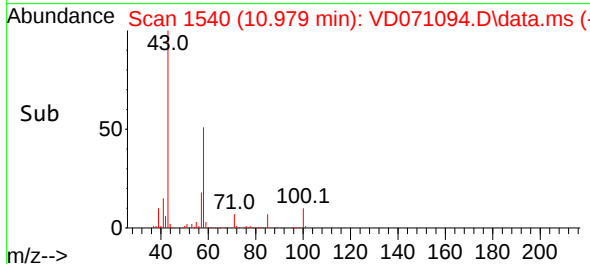
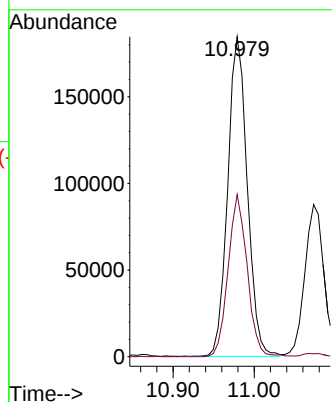
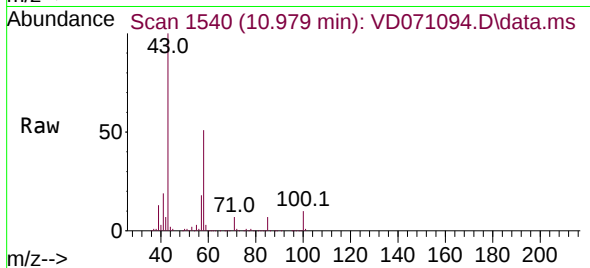




#59
2-Hexanone
Concen: 197.877 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

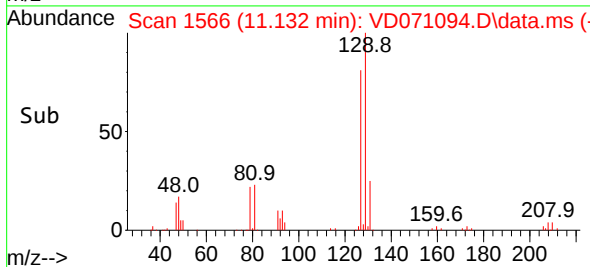
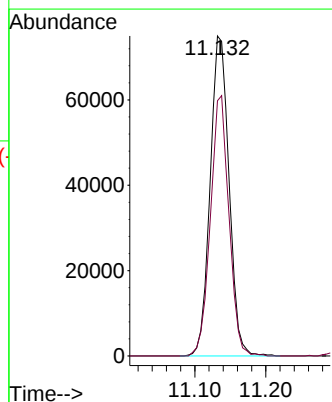
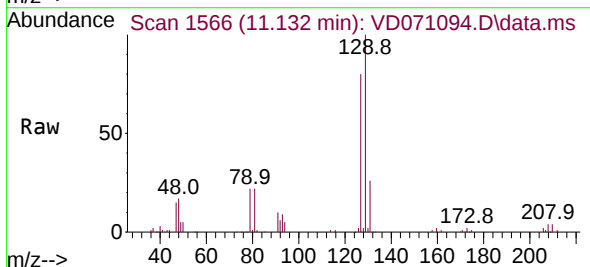
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

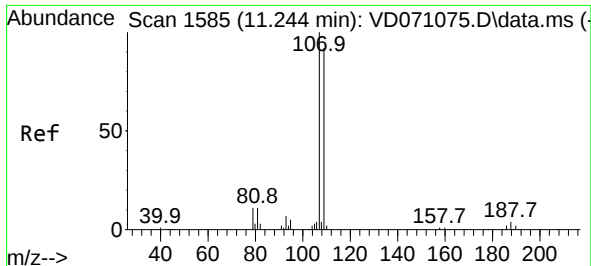
Tgt Ion: 43 Resp: 308993
Ion Ratio Lower Upper
43 100
58 49.4 28.7 86.1



#60
Dibromochloromethane
Concen: 51.534 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 129 Resp: 138334
Ion Ratio Lower Upper
129 100
127 79.8 38.9 116.6

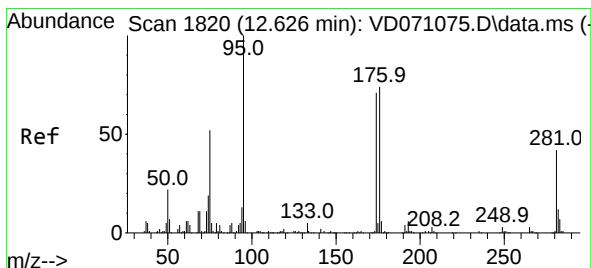
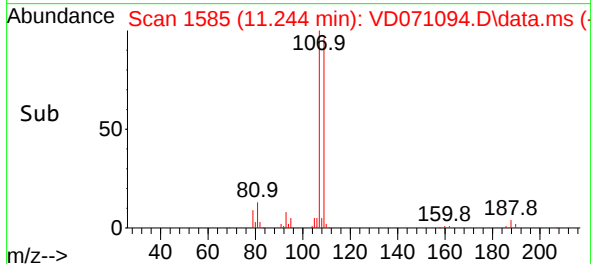
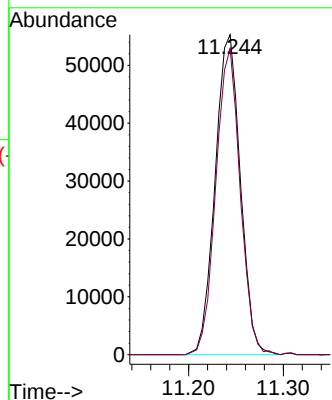
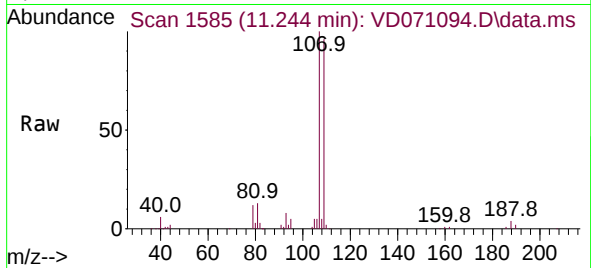




#61
1,2-Dibromoethane
Concen: 49.280 ug/l
RT: 11.244 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

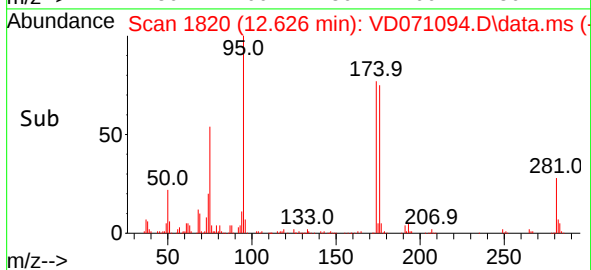
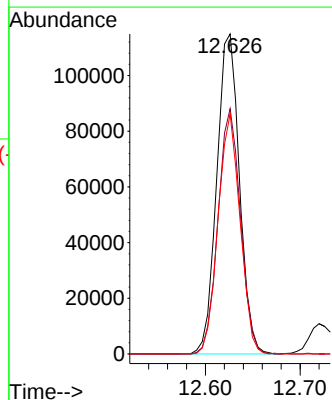
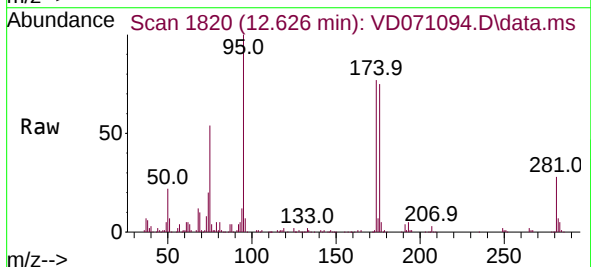
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

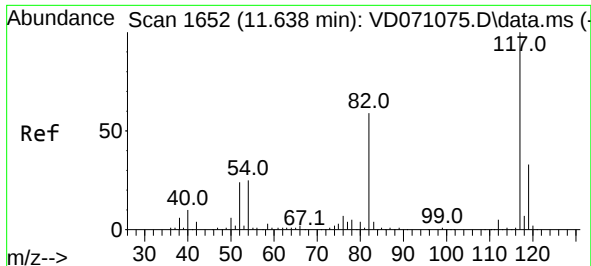
Tgt Ion:107 Resp: 102222
Ion Ratio Lower Upper
107 100
109 92.3 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 47.884 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 95 Resp: 191184
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 72.7 0.0 154.0

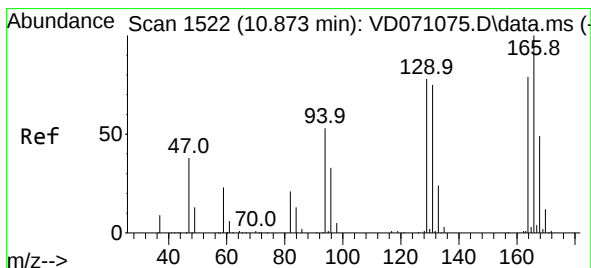
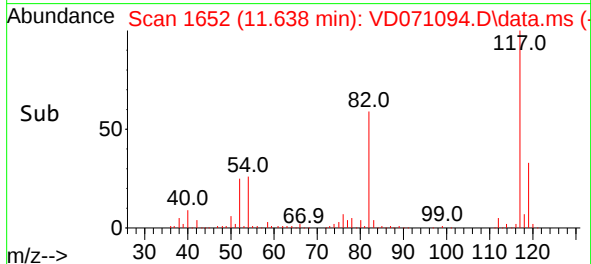
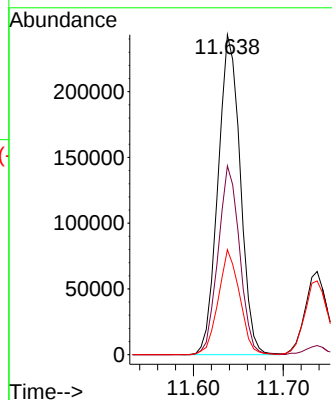
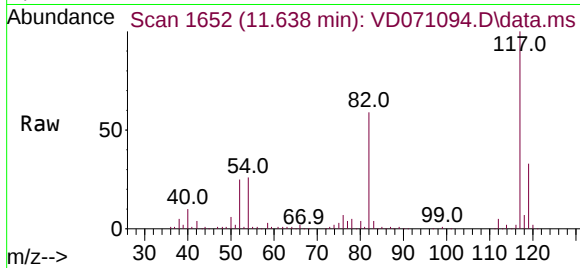




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

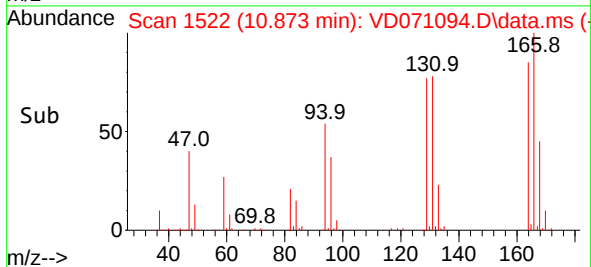
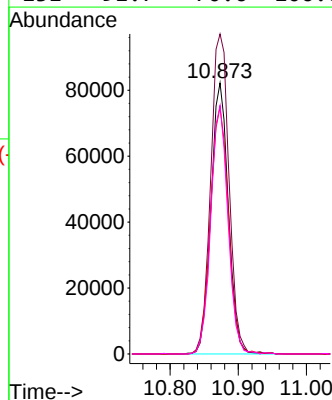
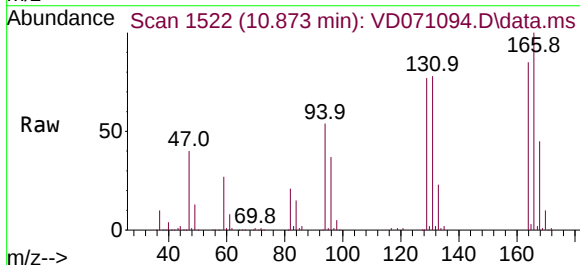
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

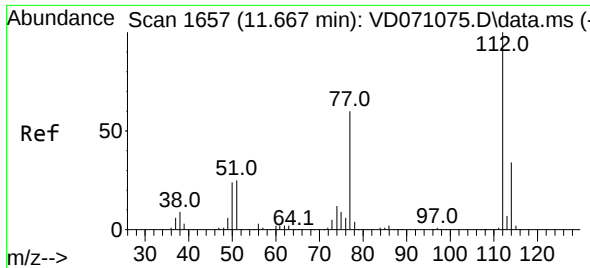
Tgt Ion:117 Resp: 419557
Ion Ratio Lower Upper
117 100
82 58.9 44.7 67.1
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 54.890 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion:164 Resp: 146202
Ion Ratio Lower Upper
164 100
166 118.1 102.6 153.8
129 91.0 75.4 113.0
131 91.7 70.6 106.0

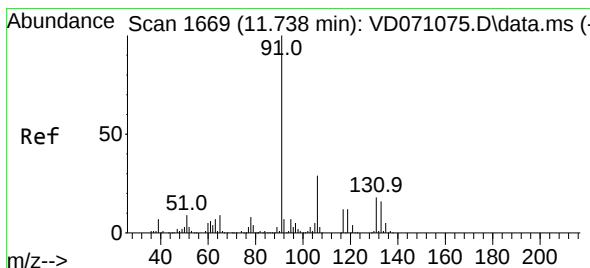
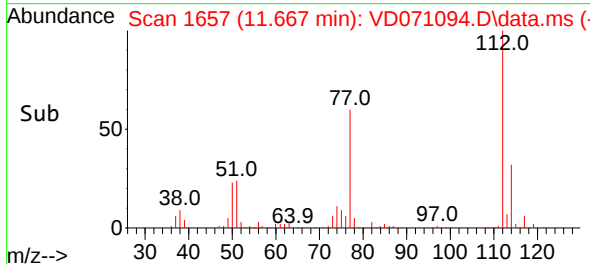
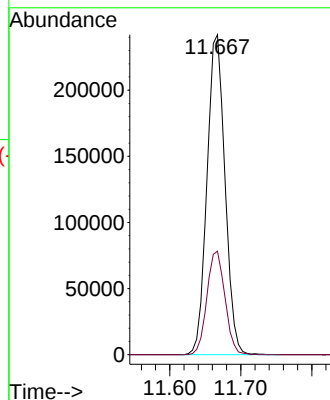
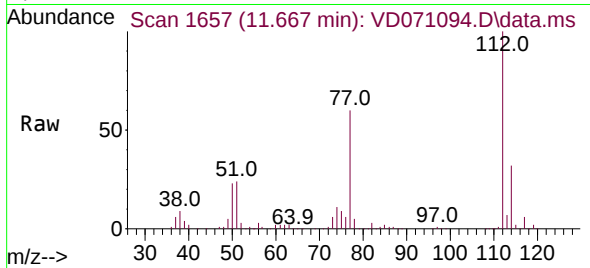




#65
Chlorobenzene
Concen: 54.674 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

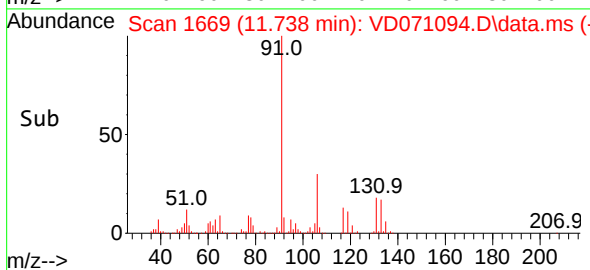
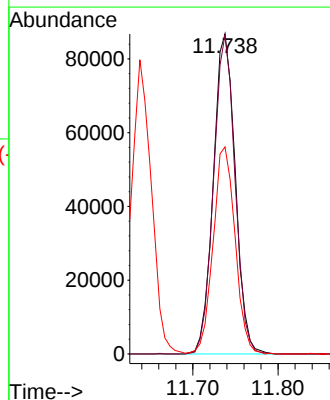
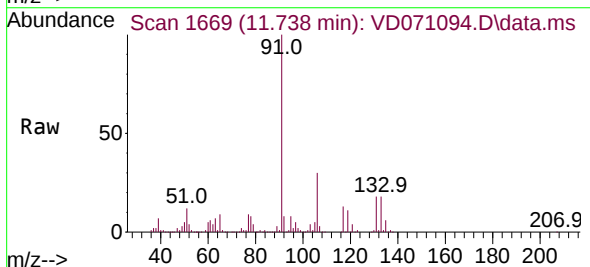
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

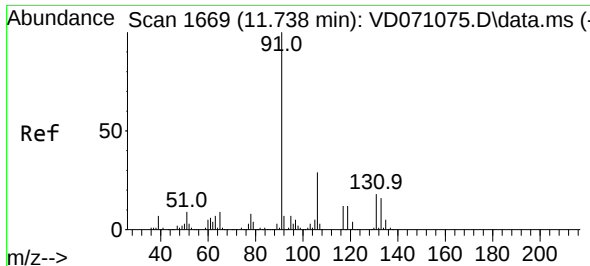
Tgt Ion:112 Resp: 425610
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.505 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion:131 Resp: 154922
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 64.9 33.5 100.4

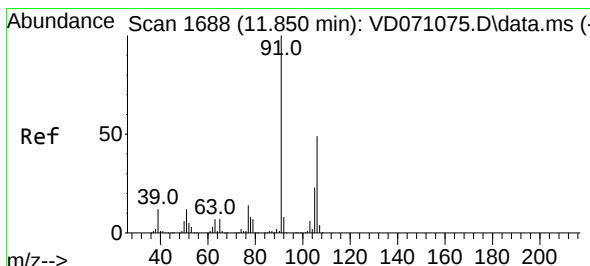
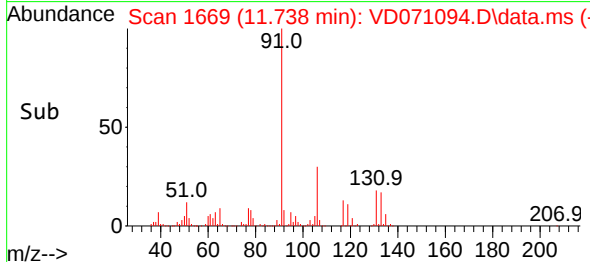
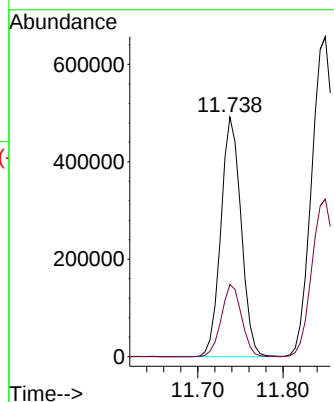
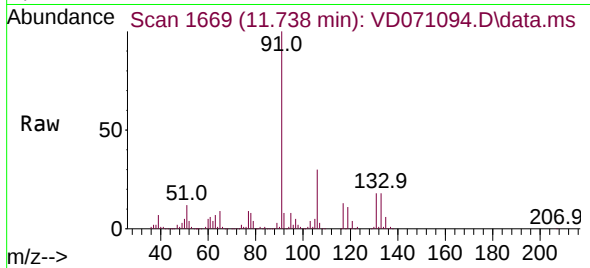




#67
Ethyl Benzene
Concen: 55.424 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

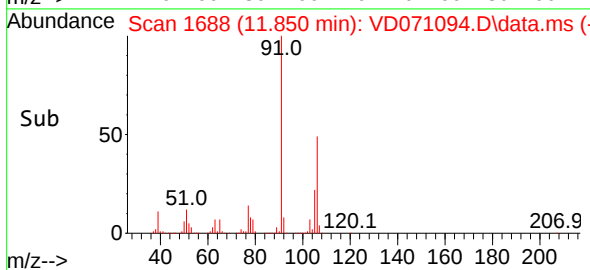
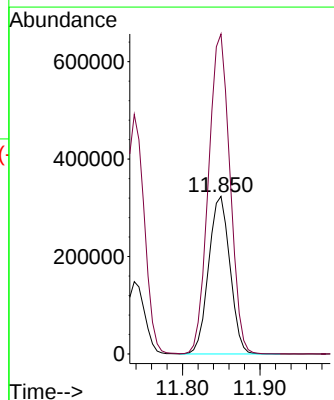
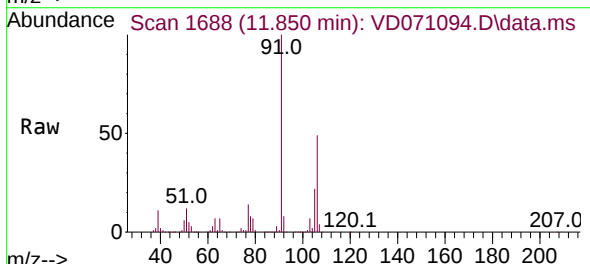
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

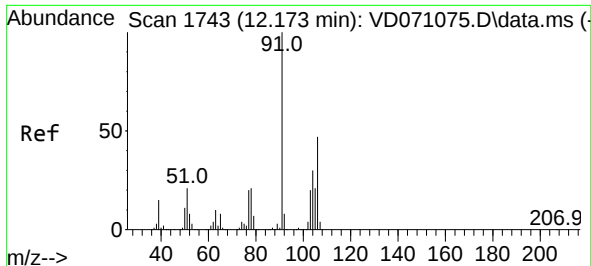
Tgt Ion: 91 Resp: 812223
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8



#68
m/p-Xylenes
Concen: 111.671 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 106 Resp: 617835
Ion Ratio Lower Upper
106 100
91 204.8 160.1 240.1

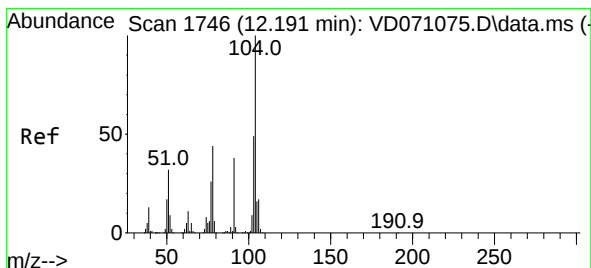
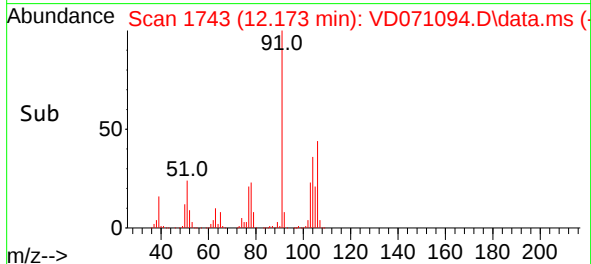
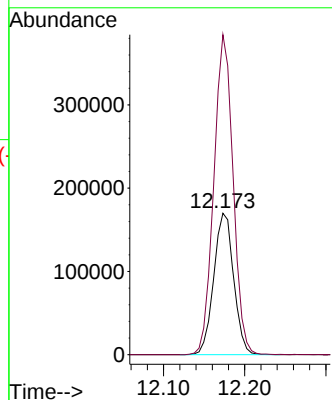
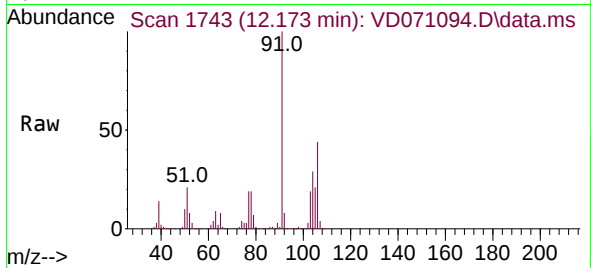




#69
o-Xylene
Concen: 55.667 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

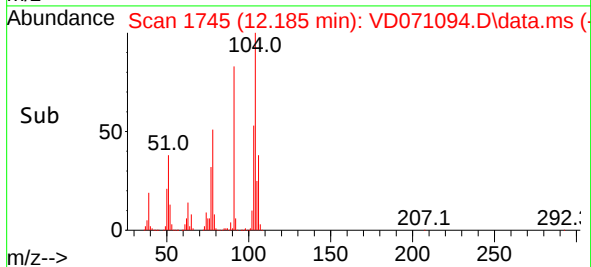
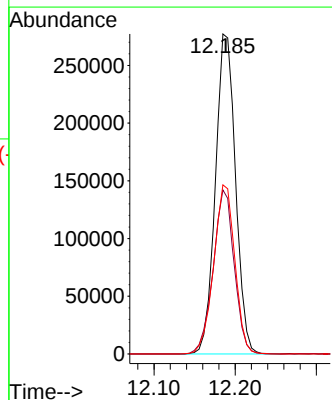
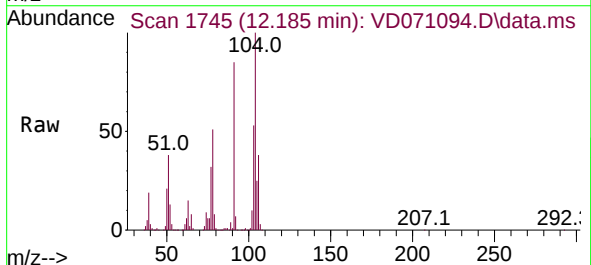
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

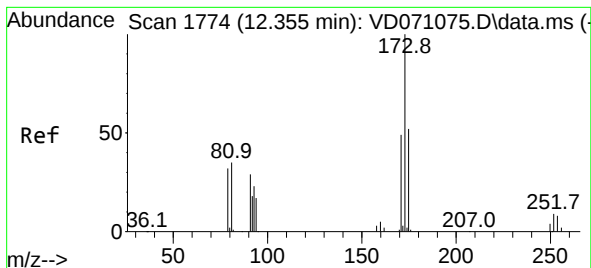
Tgt Ion:106 Resp: 289468
Ion Ratio Lower Upper
106 100
91 219.1 106.3 319.0



#70
Styrene
Concen: 54.556 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion:104 Resp: 478126
Ion Ratio Lower Upper
104 100
78 53.4 39.4 59.0
103 55.5 43.4 65.0





#71

Bromoform

Concen: 49.914 ug/l

RT: 12.350 min Scan# 1774

Delta R.T. -0.005 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

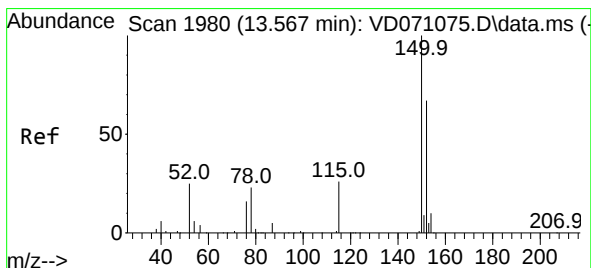
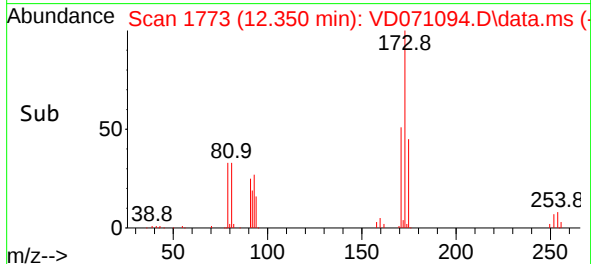
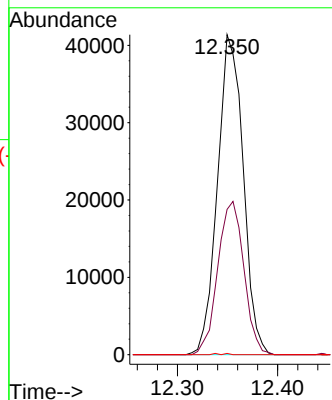
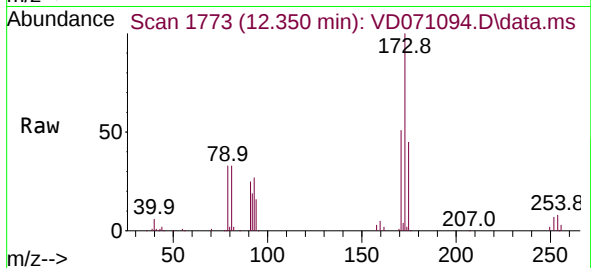
Tgt Ion:173 Resp: 73499

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.2

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

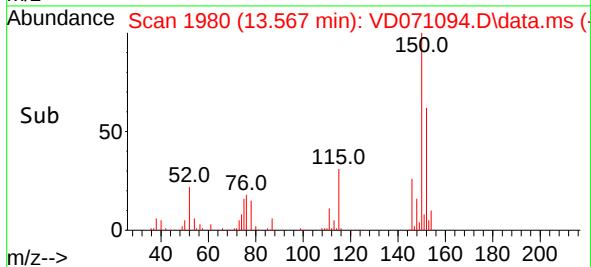
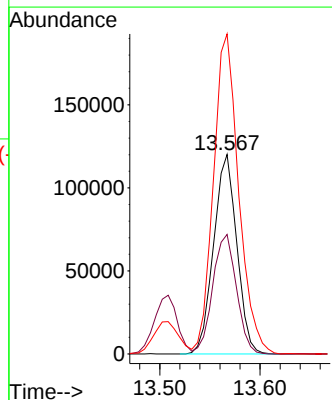
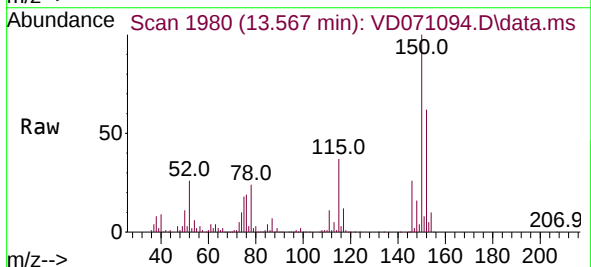
Tgt Ion:152 Resp: 192498

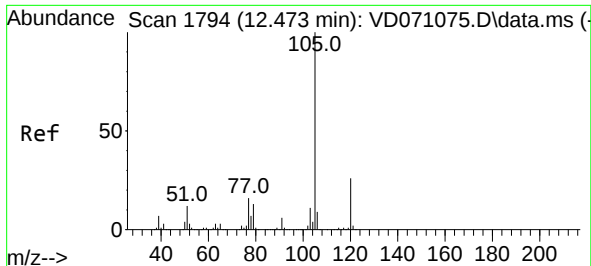
Ion Ratio Lower Upper

152 100

115 61.3 29.8 89.3

150 174.5 0.0 349.2

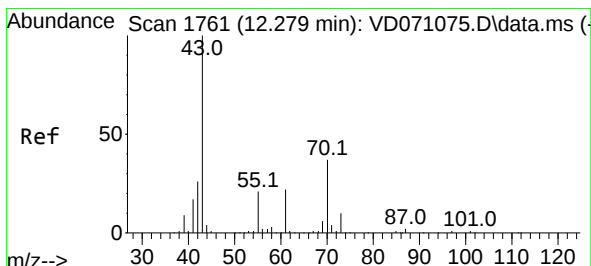
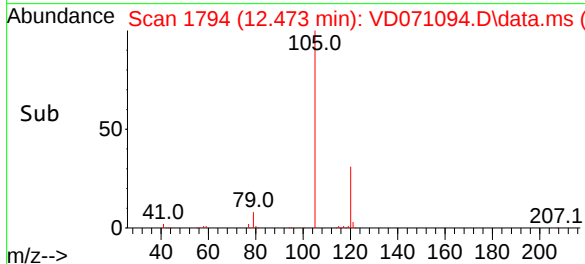
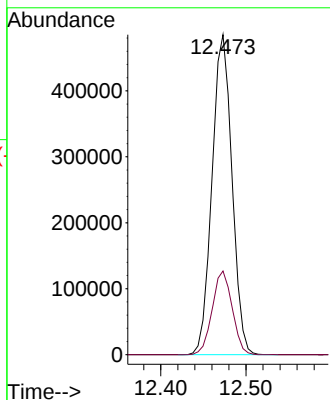
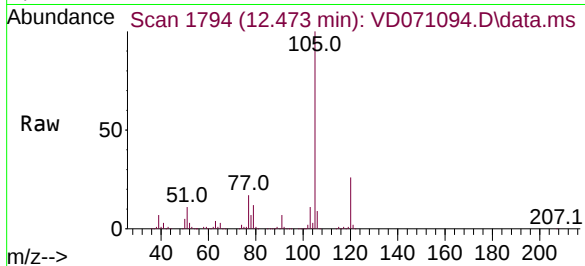




#73
Isopropylbenzene
Concen: 56.595 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

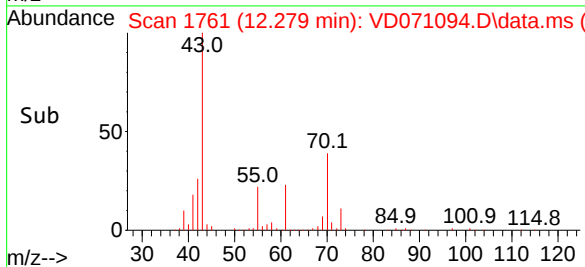
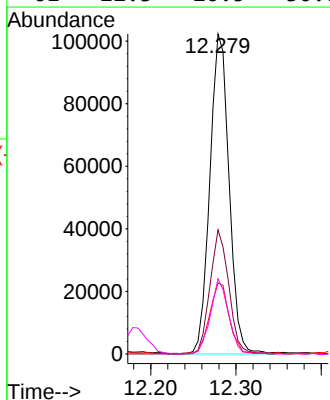
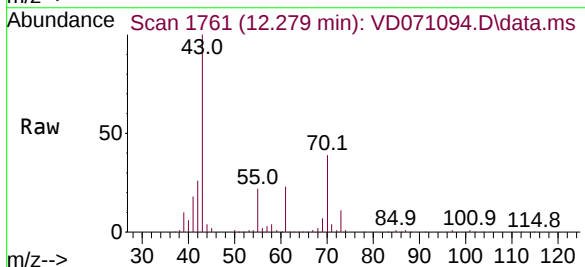
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

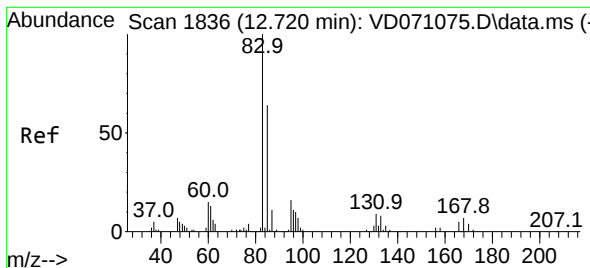
Tgt Ion:105 Resp: 788841
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



#74
N-ethyl acetate
Concen: 42.972 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 43 Resp: 160536
Ion Ratio Lower Upper
43 100
70 37.8 36.6 55.0
55 22.9 22.5 33.7
61 22.3 20.5 30.7

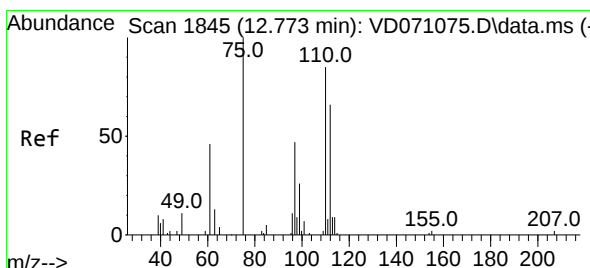
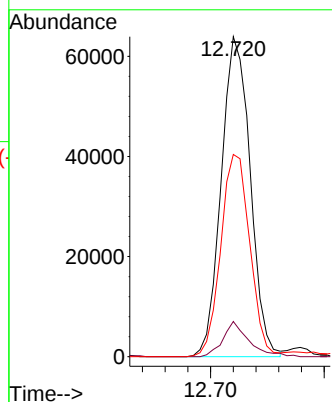
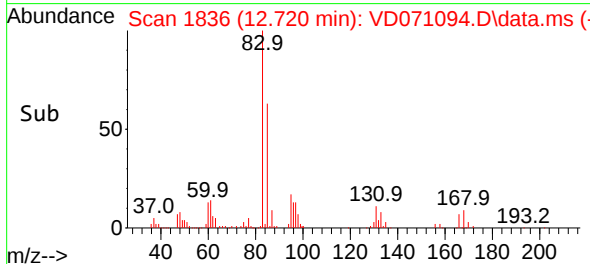
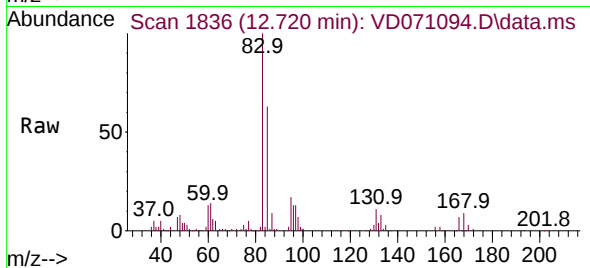




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.389 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD071094.D
 Acq: 30 Nov 2021 20:21

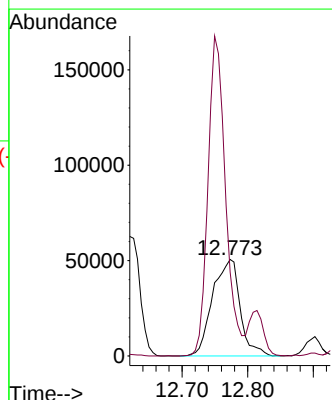
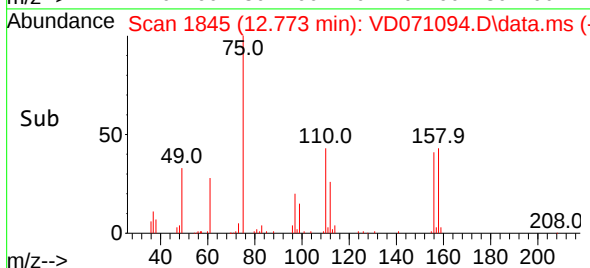
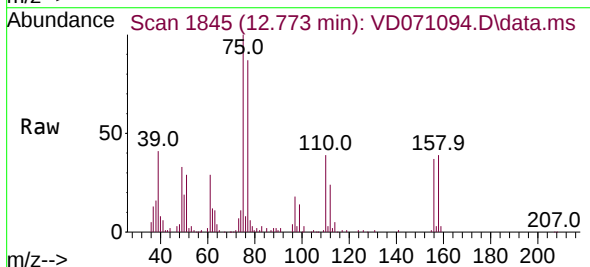
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

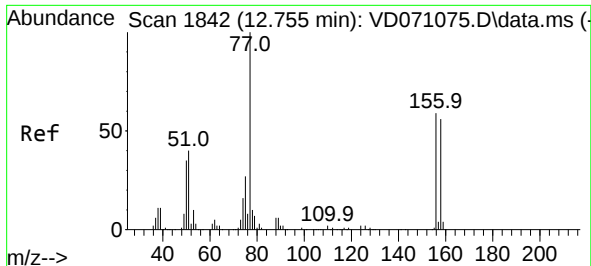
Tgt Ion: 83 Resp: 113365
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.9 14.7
 85 63.3 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 80.243 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD071094.D
 Acq: 30 Nov 2021 20:21

Tgt Ion: 75 Resp: 147168
 Ion Ratio Lower Upper
 75 100
 77 0.0 158.4 475.3#

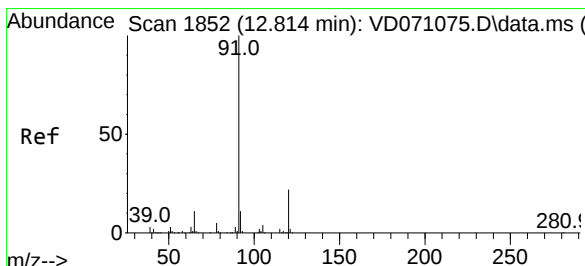
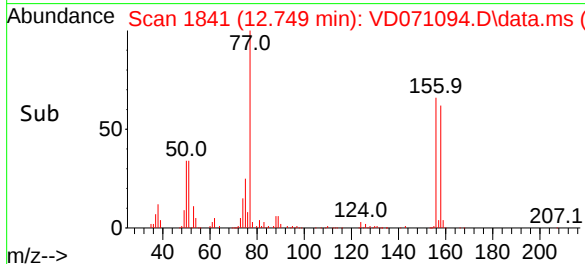
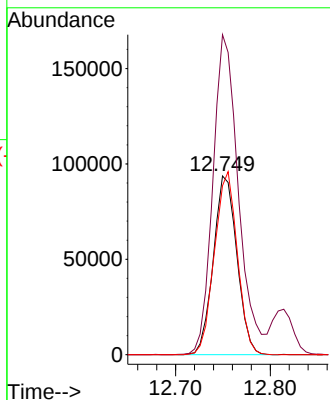
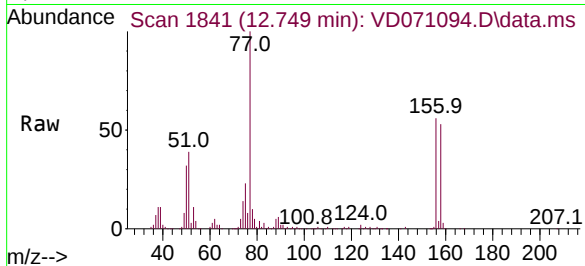




#77
Bromobenzene
Concen: 53.619 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

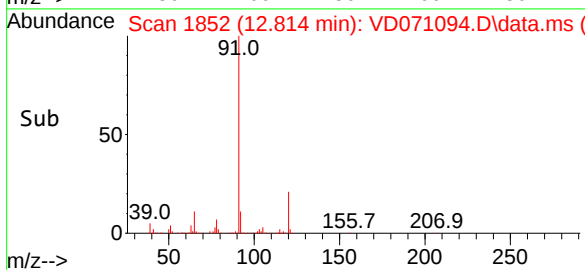
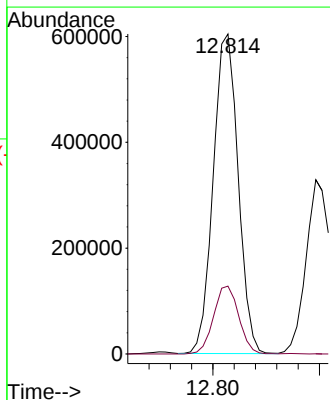
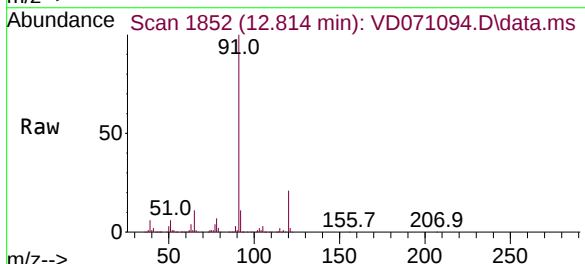
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

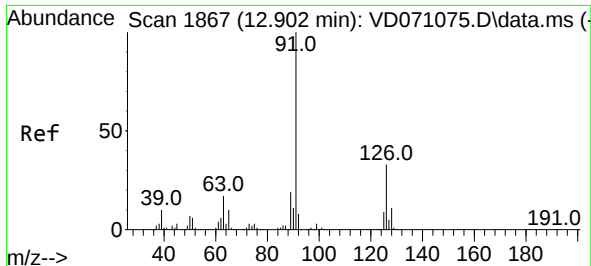
Tgt Ion:156 Resp: 161879
Ion Ratio Lower Upper
156 100
77 192.5 96.6 289.8
158 99.7 49.1 147.4



#78
n-propylbenzene
Concen: 56.412 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 91 Resp: 979209
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9

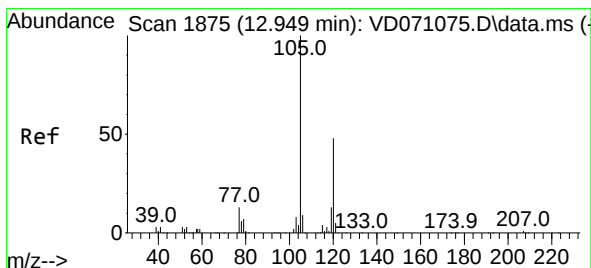
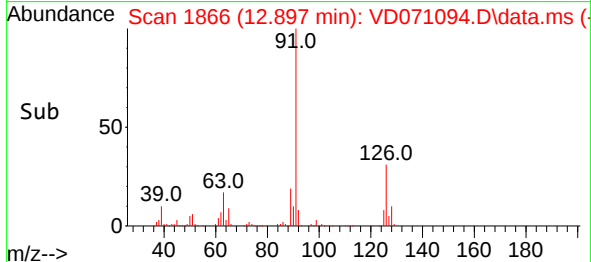
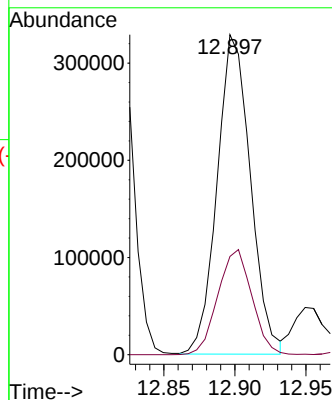
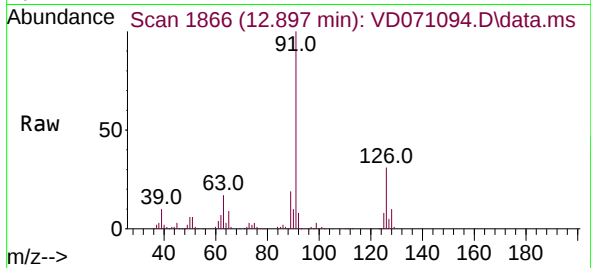




#79
2-Chlorotoluene
Concen: 55.028 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.005 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

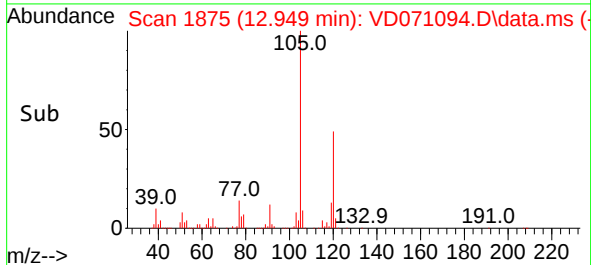
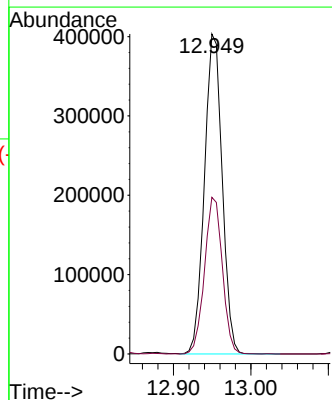
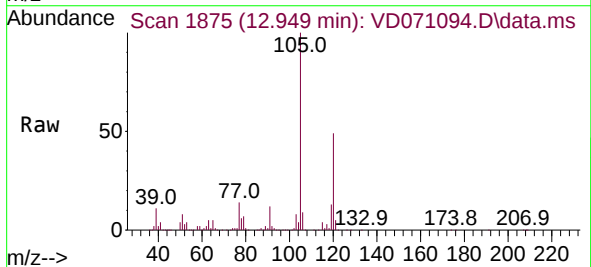
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

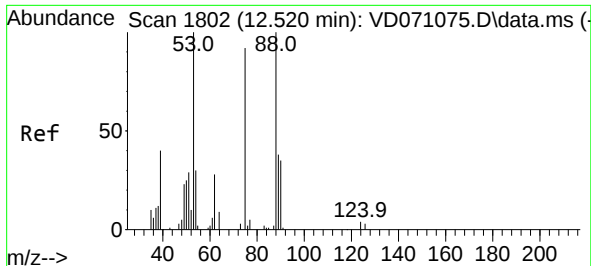
Tgt Ion: 91 Resp: 536099
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 55.866 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 105 Resp: 642119
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.8

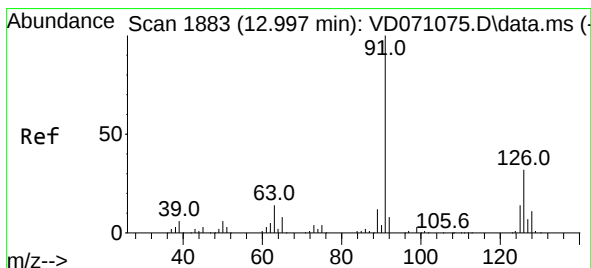
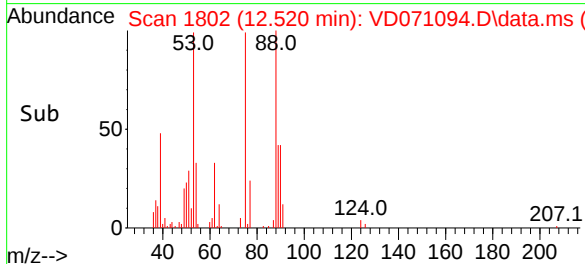
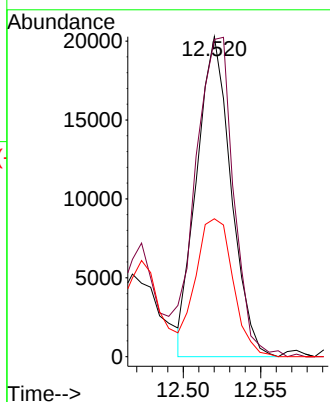
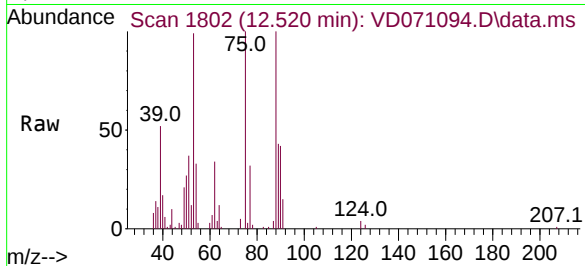




#81
trans-1,4-Dichloro-2-butene
Concen: 40.887 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

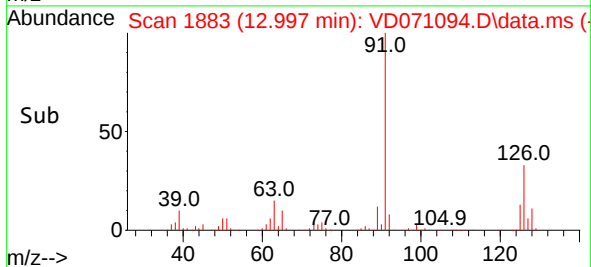
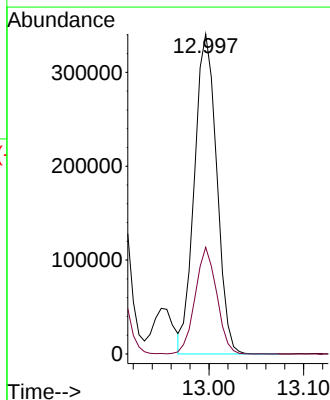
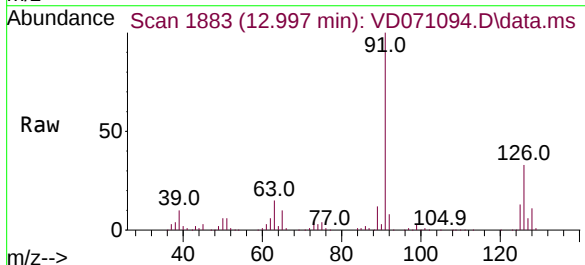
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

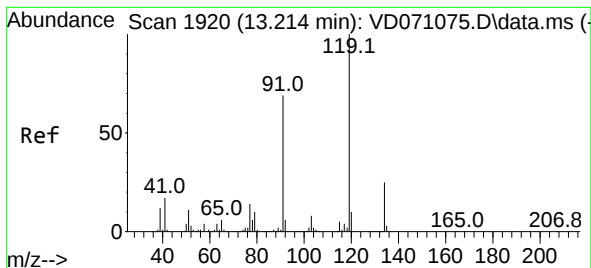
Tgt Ion: 75 Resp: 31128
Ion Ratio Lower Upper
75 100
53 111.4 62.6 94.0#
89 47.3 34.5 51.7



#82
4-Chlorotoluene
Concen: 55.005 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 91 Resp: 556326
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.1

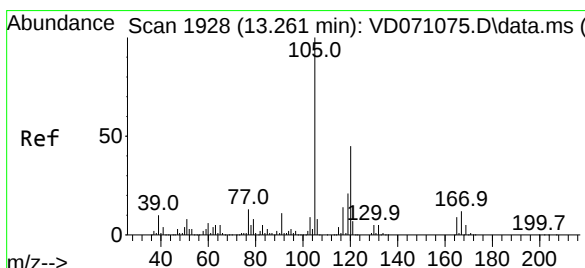
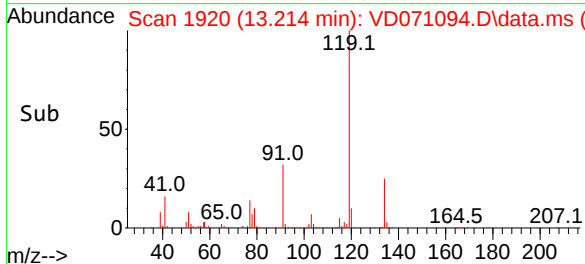
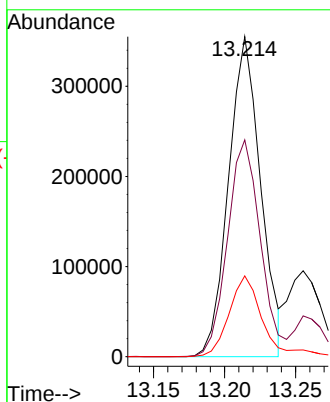
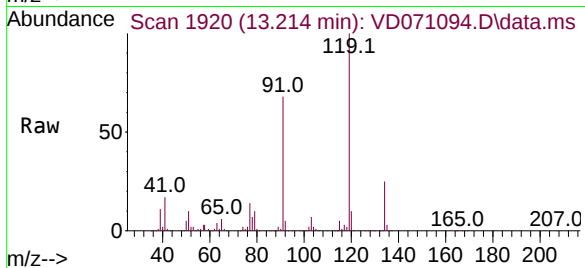




#83
 tert-Butylbenzene
 Concen: 56.442 ug/l
 RT: 13.214 min Scan# 1920
 Delta R.T. 0.000 min
 Lab File: VD071094.D
 Acq: 30 Nov 2021 20:21

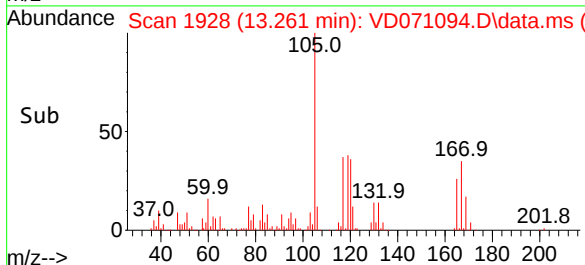
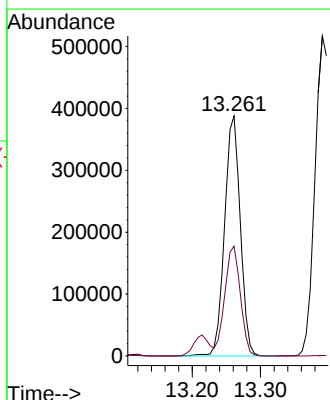
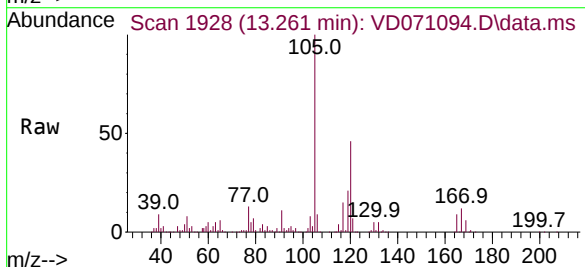
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

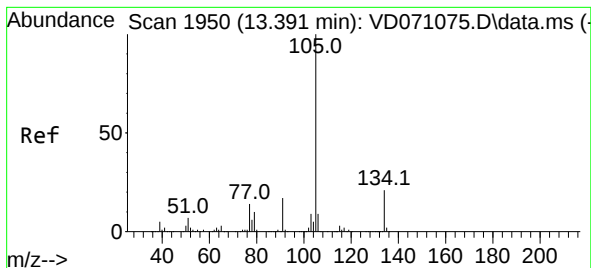
Tgt Ion:119 Resp: 557140
 Ion Ratio Lower Upper
 119 100
 91 69.8 32.5 97.5
 134 26.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 55.454 ug/l
 RT: 13.261 min Scan# 1928
 Delta R.T. 0.000 min
 Lab File: VD071094.D
 Acq: 30 Nov 2021 20:21

Tgt Ion:105 Resp: 622275
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.7





#85

sec-Butylbenzene

Concen: 55.667 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

Instrument :

MSVOA_D

ClientSampleId :

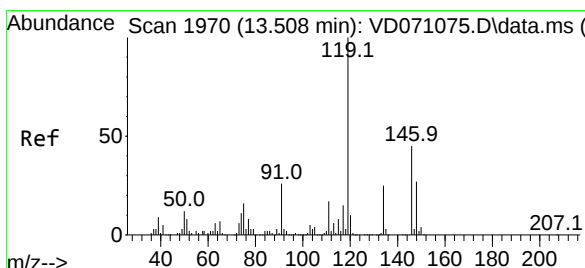
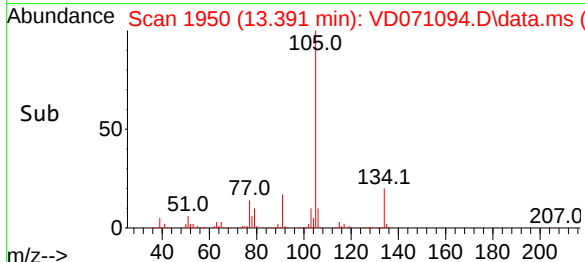
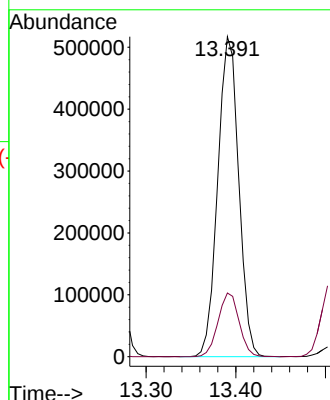
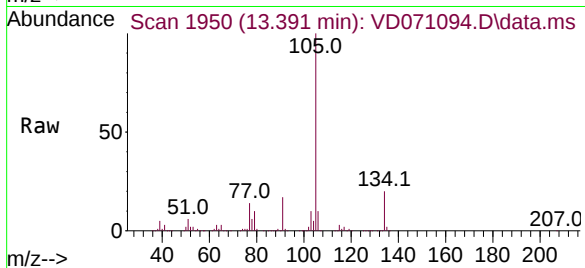
VSTDCCC050EC

Tgt Ion:105 Resp: 839263

Ion Ratio Lower Upper

105 100

134 20.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 56.085 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. 0.000 min

Lab File: VD071094.D

Acq: 30 Nov 2021 20:21

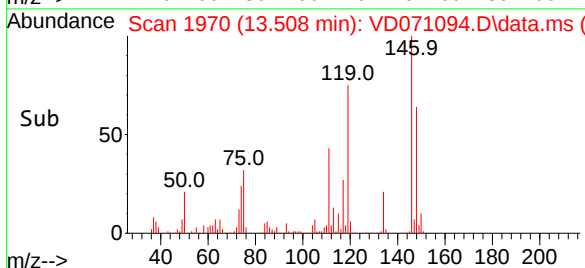
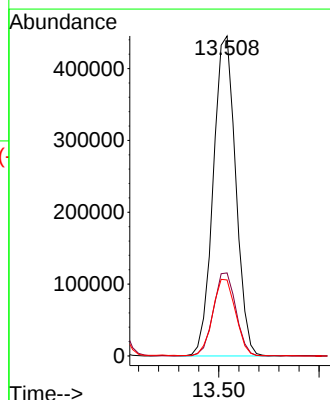
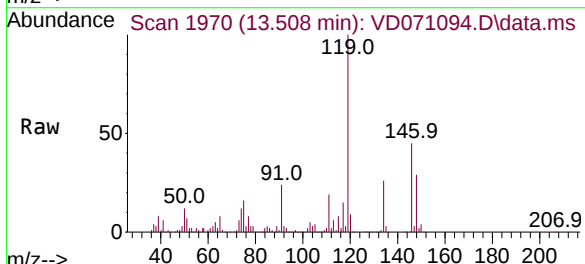
Tgt Ion:119 Resp: 691582

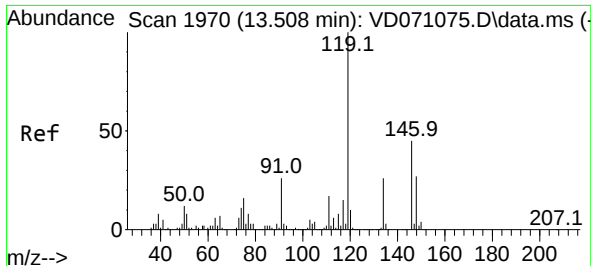
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 24.5 11.4 34.2

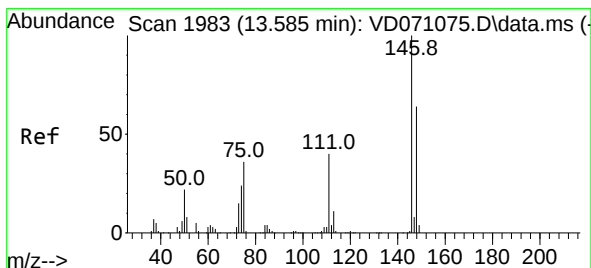
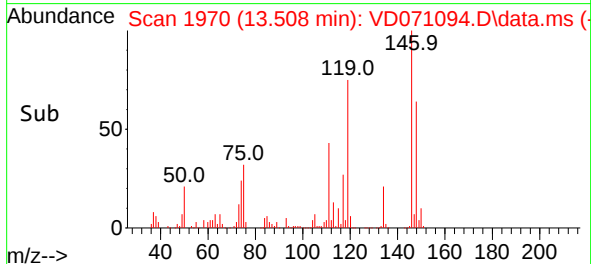
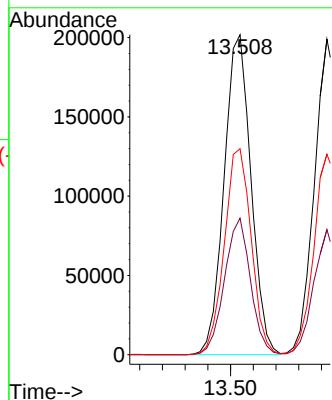
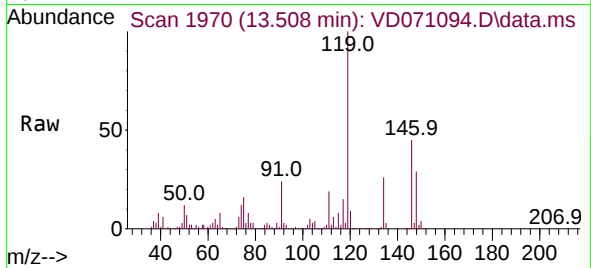




#87
1,3-Dichlorobenzene
Concen: 55.204 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

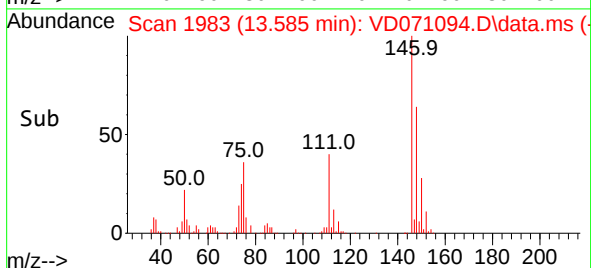
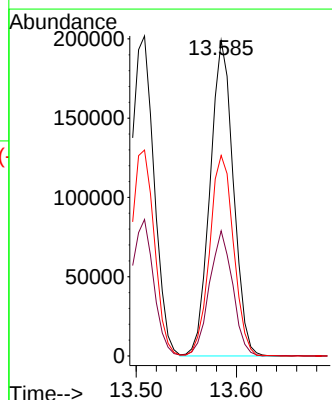
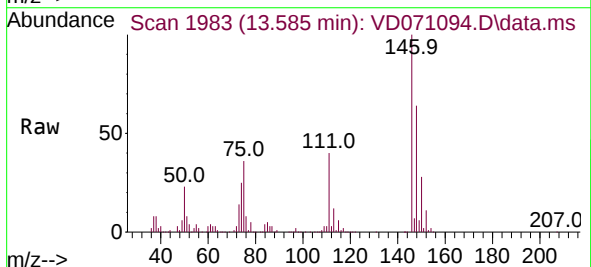
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

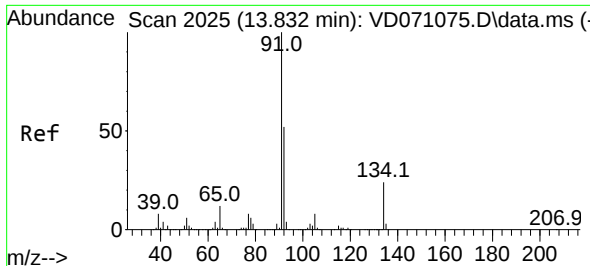
Tgt Ion:146 Resp: 331767
Ion Ratio Lower Upper
146 100
111 41.3 19.8 59.4
148 64.4 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 53.907 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion:146 Resp: 320973
Ion Ratio Lower Upper
146 100
111 39.2 19.6 58.8
148 65.3 31.5 94.5

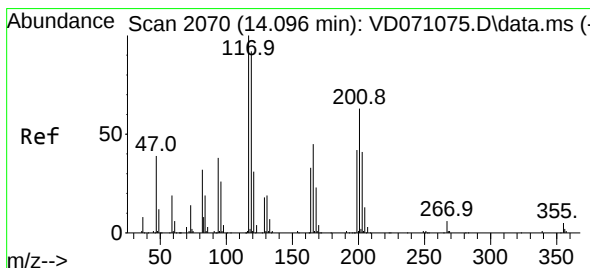
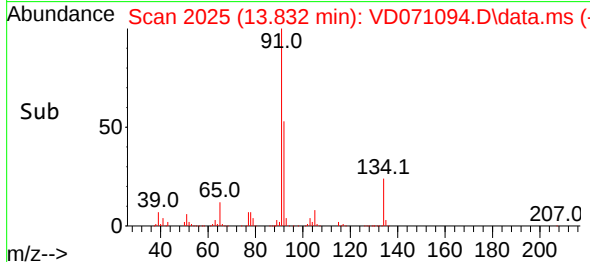
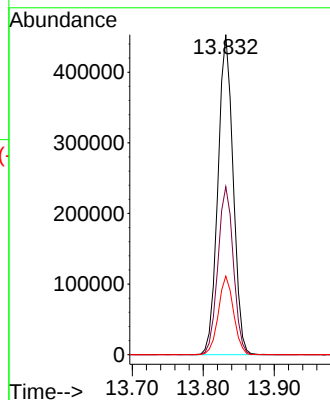
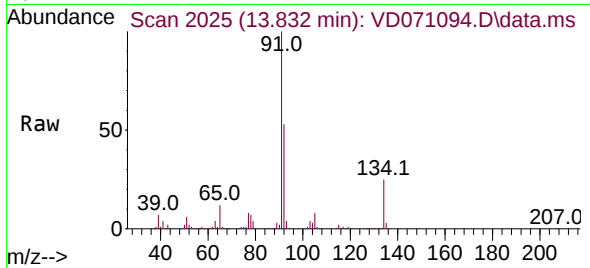




#89
n-Butylbenzene
Concen: 55.770 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

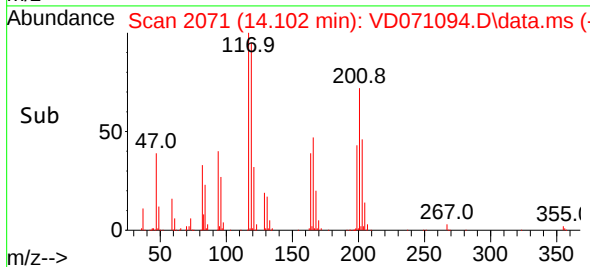
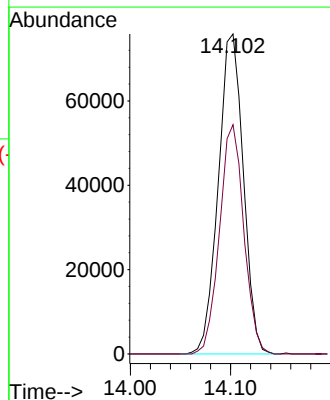
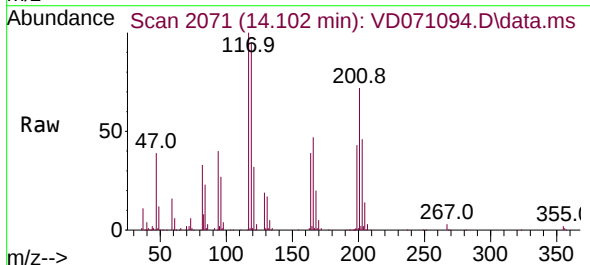
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

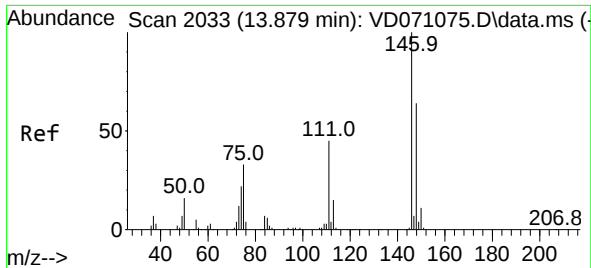
Tgt Ion: 91 Resp: 671321
Ion Ratio Lower Upper
91 100
92 53.3 27.3 81.9
134 24.5 12.3 36.9



#90
Hexachloroethane
Concen: 56.259 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 117 Resp: 131507
Ion Ratio Lower Upper
117 100
201 69.6 36.0 108.1

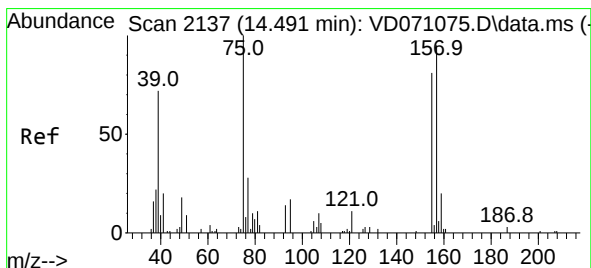
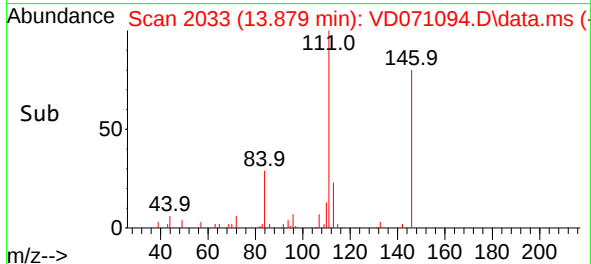
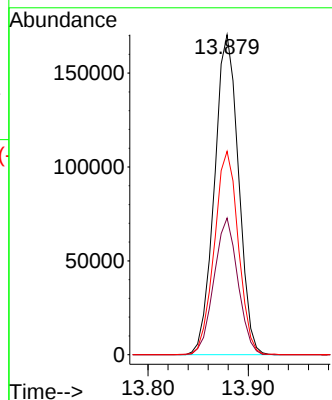
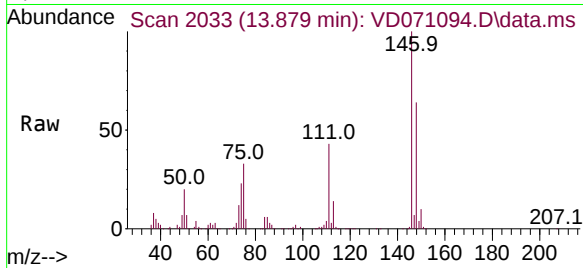




#91
1,2-Dichlorobenzene
Concen: 55.519 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

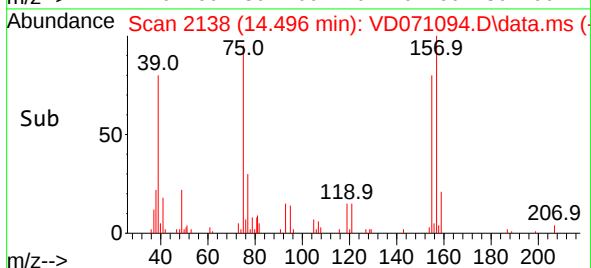
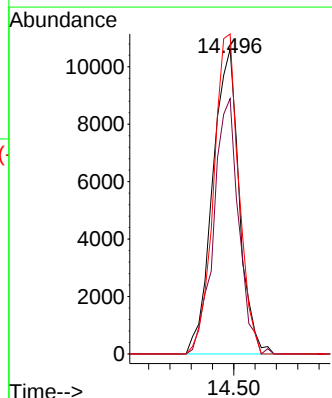
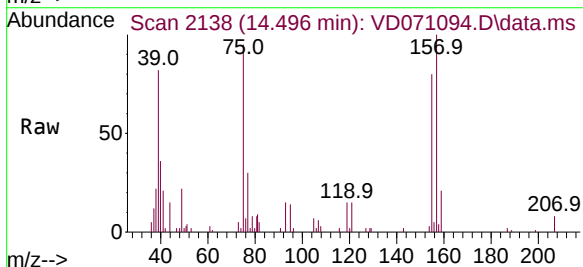
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

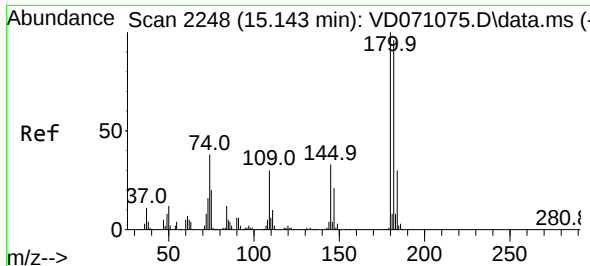
Tgt Ion:146 Resp: 283749
Ion Ratio Lower Upper
146 100
111 42.4 20.8 62.2
148 63.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.077 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.005 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion: 75 Resp: 18345
Ion Ratio Lower Upper
75 100
155 78.6 40.0 120.0
157 99.2 49.8 149.3

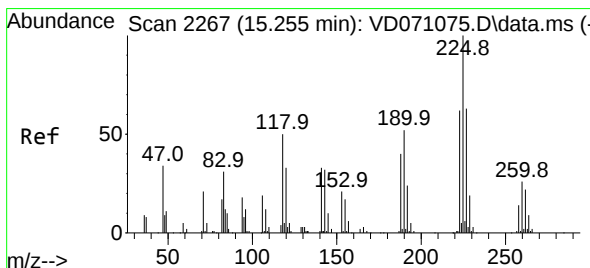
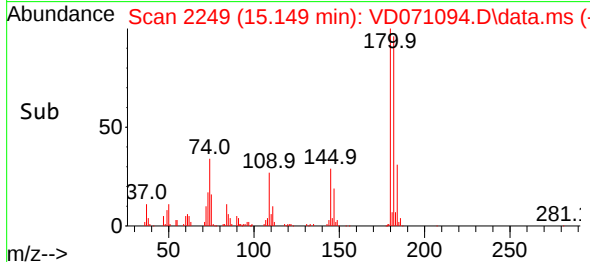
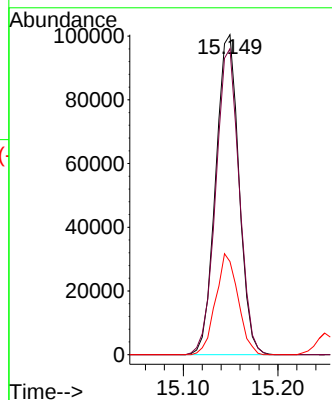
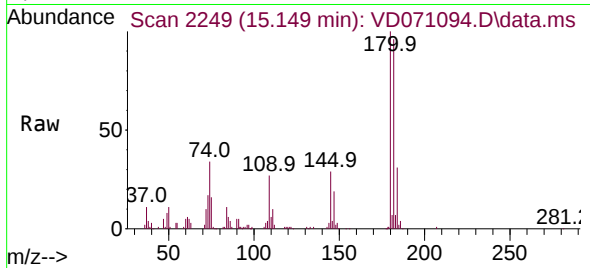




#93
1,2,4-Trichlorobenzene
Concen: 53.720 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

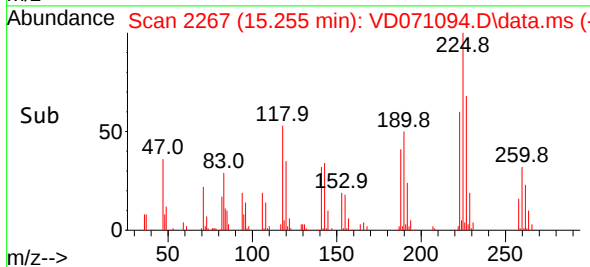
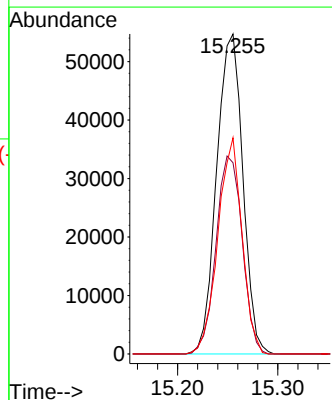
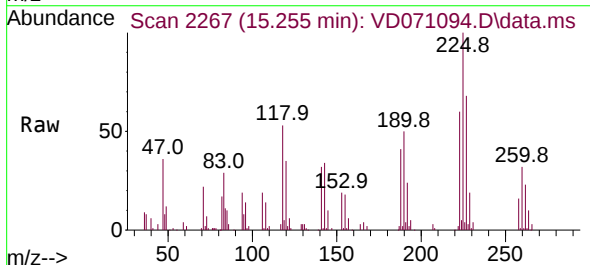
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

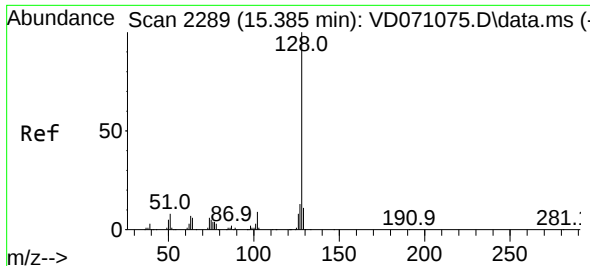
Tgt Ion:180 Resp: 171259
Ion Ratio Lower Upper
180 100
182 96.4 48.2 144.6
145 30.5 15.4 46.2



#94
Hexachlorobutadiene
Concen: 54.930 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion:225 Resp: 99082
Ion Ratio Lower Upper
225 100
223 62.1 31.8 95.3
227 62.3 31.6 94.8

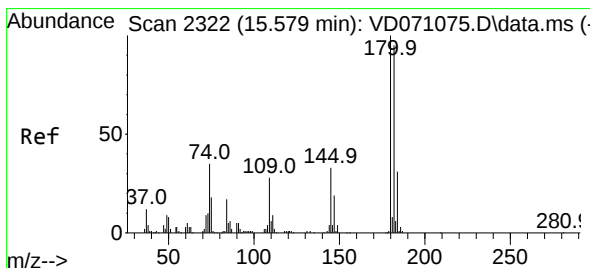
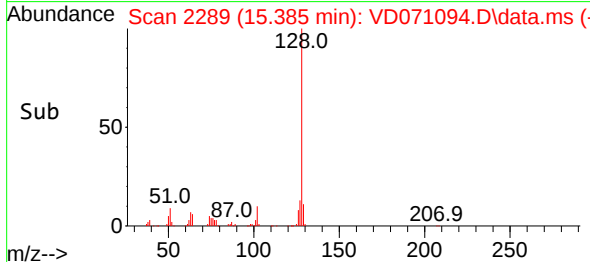
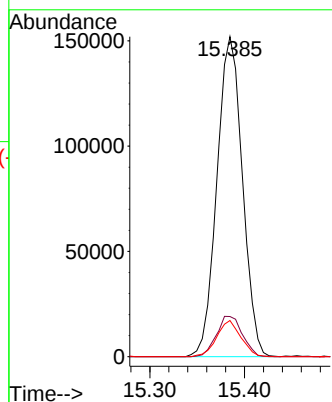
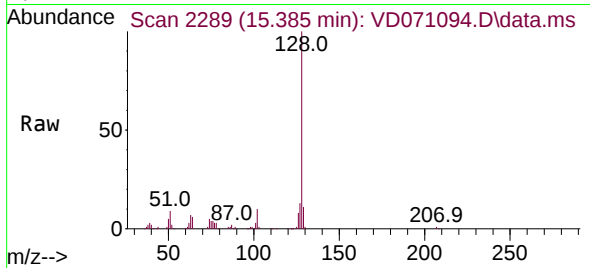




#95
Naphthalene
Concen: 50.630 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 284536
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.507 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071094.D
Acq: 30 Nov 2021 20:21

Tgt Ion:180 Resp: 142173
Ion Ratio Lower Upper
180 100
182 94.8 46.7 140.1
145 33.5 15.9 47.6

