

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070688.D
 Acq On : 12 Oct 2021 19:24
 Operator : VA/SY
 Sample : M4175-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 31123

Quant Time: Oct 13 06:39:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	205468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	439437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	123971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	12823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165465	68.428	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	136.860%	
35) Dibromofluoromethane	7.914	113	187722	64.252	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	128.500%	
50) Toluene-d8	10.332	98	256154	22.934	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	=	45.860%#	
62) 4-Bromofluorobenzene	12.620	95	31240	8.369	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	=	16.740%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	1145	Below Cal	#	72
11) Tert butyl alcohol	5.226	59	43311	361.568	ug/l	98
13) Acrolein	3.914	56	3101	26.964	ug/l #	41
15) Acrylonitrile	5.420	53	3198	6.340	ug/l #	69
16) Acetone	4.155	43	920747	2242.320	ug/l	95
17) Carbon Disulfide	4.408	76	13080	1.486	ug/l #	86
18) Methyl Acetate	4.714	43	64261	40.555	ug/l	100
20) Methylene Chloride	4.961	84	69305	18.006	ug/l	94
25) 2-Butanone	7.208	43	115812	215.415	ug/l #	88
29) Tetrahydrofuran	7.561	42	2824	8.149	ug/l #	29
30) Chloroform	7.720	83	8958	1.696	ug/l #	1
31) Cyclohexane	7.955	56	1819310	406.328	ug/l #	44
37) Ethyl Acetate	7.208	43	116014	74.823	ug/l #	66
38) Carbon Tetrachloride	7.973	117	22244	4.554	ug/l #	17
39) Methylcyclohexane	9.349	83	102349	19.071	ug/l	96
40) Benzene	8.349	78	22978	1.670	ug/l #	89
41) Methacrylonitrile	7.726	41	142712	178.467	ug/l #	39
43) Isopropyl Acetate	8.443	43	453356	159.567	ug/l #	46
48) Methyl methacrylate	9.449	41	204231	153.345	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	207246	141.386	ug/l	98
52) Toluene	10.396	92	7509822	888.670	ug/l	94
53) t-1,3-Dichloropropene	10.396	75	84346	20.727	ug/l #	1
55) 1,1,2-Trichloroethane	10.773	97	4018	1.637	ug/l #	37
56) Ethyl methacrylate	10.632	69	1288	1.801	ug/l #	1
59) 2-Hexanone	10.979	43	17038	12.566	ug/l	79
64) Tetrachloroethene	10.884	164	1736	2.184	ug/l #	30
67) Ethyl Benzene	11.737	91	39499	8.659	ug/l	96
68) m/p-Xylenes	11.837	106	65146	36.263	ug/l	99
69) o-Xylene	12.173	106	22954	14.365	ug/l	97
70) Styrene	12.173	104	3685	1.309	ug/l #	4
73) Isopropylbenzene	12.467	105	15789	16.889	ug/l	98
74) N-amyl acetate	12.243	43	38924	220.941	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.755	83	1514	8.284	ug/l	87
76) 1,2,3-Trichloropropane	12.620	75	13977	120.427	ug/l #	100
77) Bromobenzene	12.926	156	5960	28.517	ug/l #	1
78) n-propylbenzene	12.808	91	14635	12.371	ug/l	97

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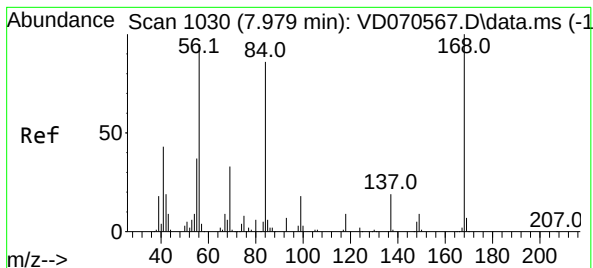
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

79) 2-Chlorotoluene	12.902	91	2425	3.494	ug/l	#	58
80) 1,3,5-Trimethylbenzene	12.943	105	20153	25.277	ug/l		93
81) trans-1,4-Dichloro-2-b...	12.620	75	13977	267.369	ug/l	#	18
82) 4-Chlorotoluene	12.943	91	2902	4.000	ug/l	#	53
83) tert-Butylbenzene	13.449	119	5530	8.392	ug/l		71
84) 1,2,4-Trimethylbenzene	13.255	105	54431	68.614	ug/l		97
85) sec-Butylbenzene	13.390	105	6497	6.360	ug/l	#	61
86) p-Isopropyltoluene	13.502	119	5656	6.779	ug/l		91
89) n-Butylbenzene	13.826	91	20730	26.027	ug/l	#	73
90) Hexachloroethane	14.102	117	4800	26.609	ug/l	#	18
92) 1,2-Dibromo-3-Chloropr...	14.514	75	63	2.387	ug/l	#	57
95) Naphthalene	15.378	128	8742	22.917	ug/l	#	89
96) 1,2,3-Trichlorobenzene	15.584	180	568	3.201	ug/l	#	1

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

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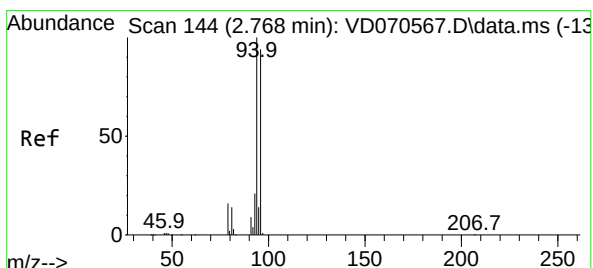
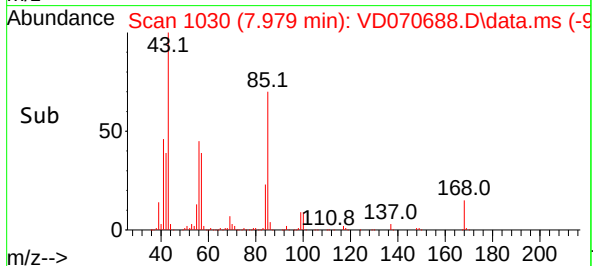
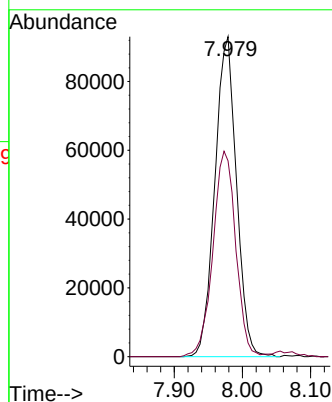
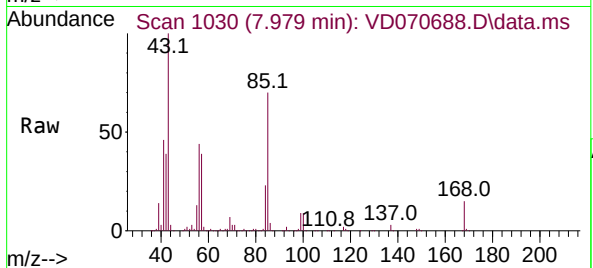




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

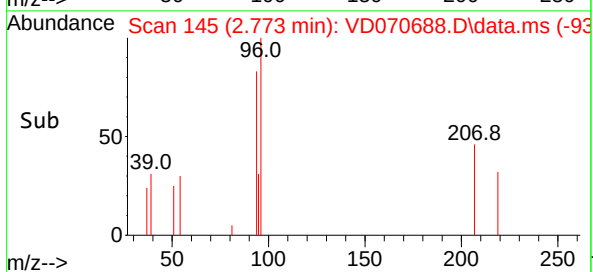
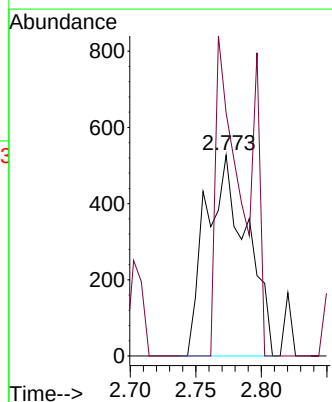
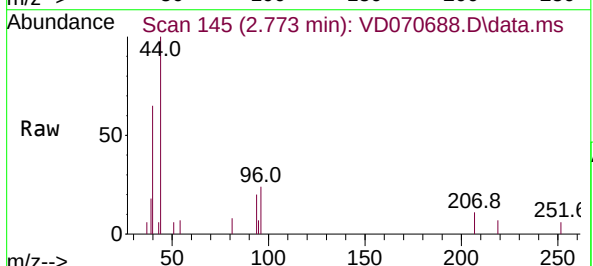
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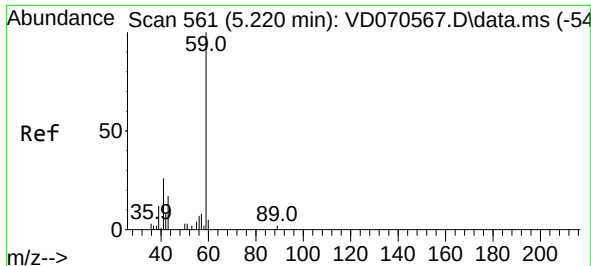
Tgt Ion:168 Resp: 205468
Ion Ratio Lower Upper
168 100
99 61.2 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 94 Resp: 1145
Ion Ratio Lower Upper
94 100
96 121.1 75.5 113.3#

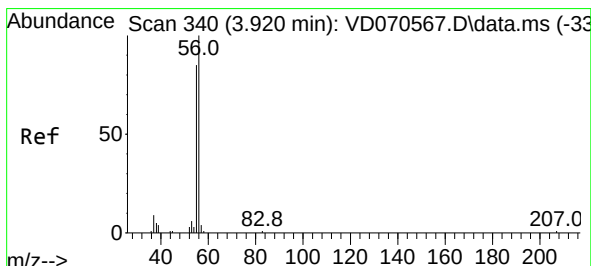
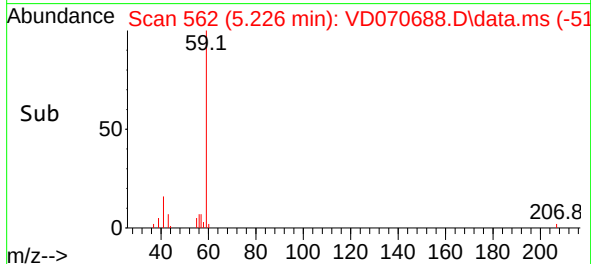
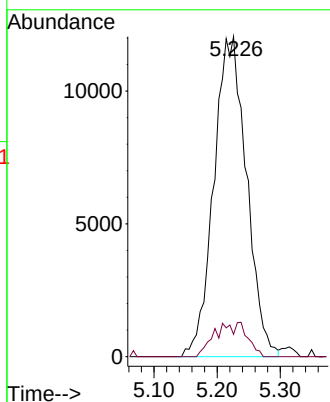
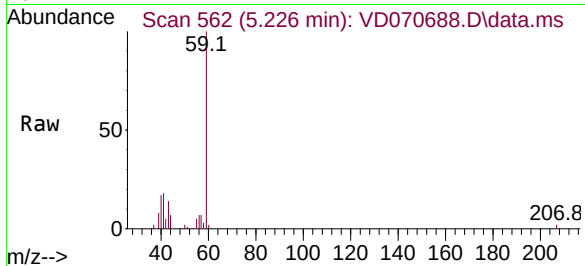




#11
Tert butyl alcohol
Concen: 361.568 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

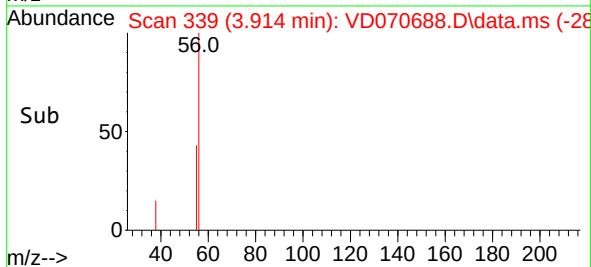
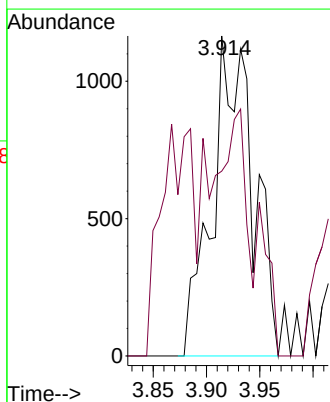
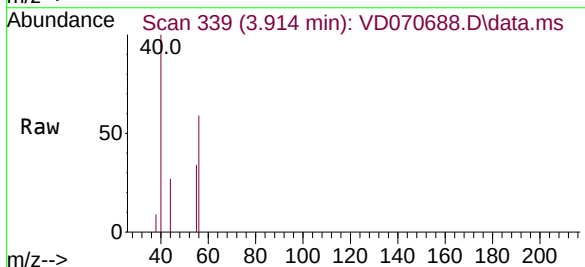
Instrument :
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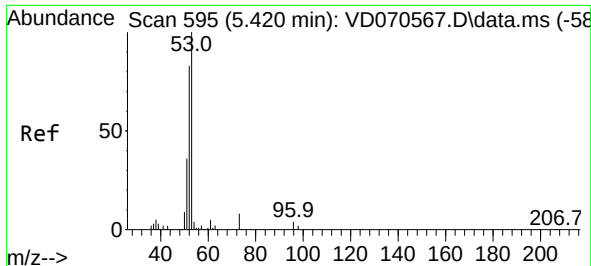
Tgt Ion: 59 Resp: 43311
Ion Ratio Lower Upper
59 100
57 6.4 4.5 6.7



#13
Acrolein
Concen: 26.964 ug/l
RT: 3.914 min Scan# 339
Delta R.T. -0.006 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 56 Resp: 3101
Ion Ratio Lower Upper
56 100
55 22.3 56.8 85.2#

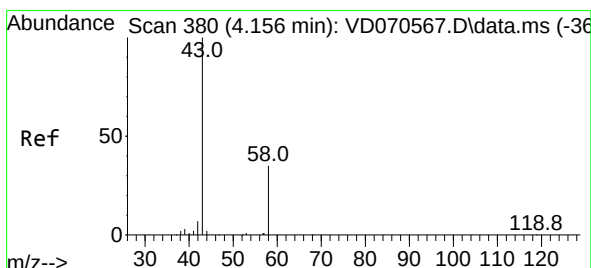
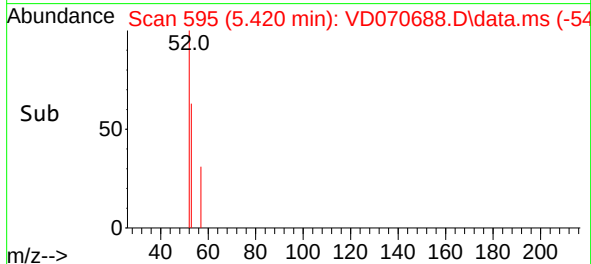
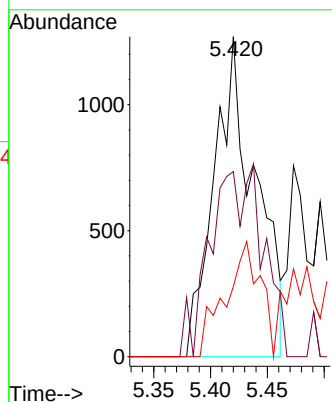
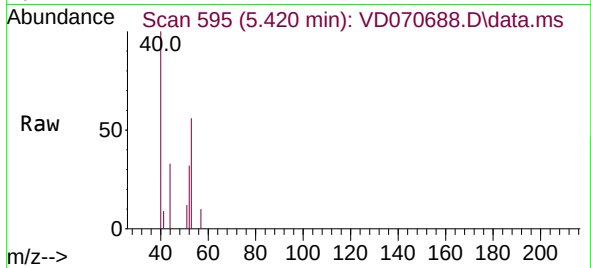




#15
Acrylonitrile
Concen: 6.340 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

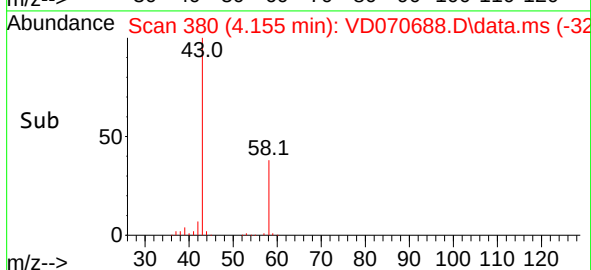
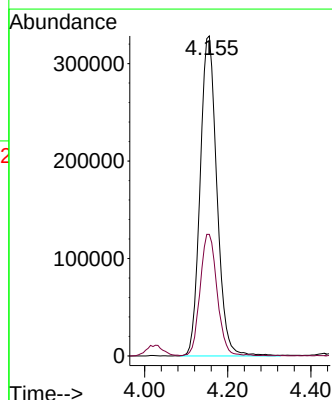
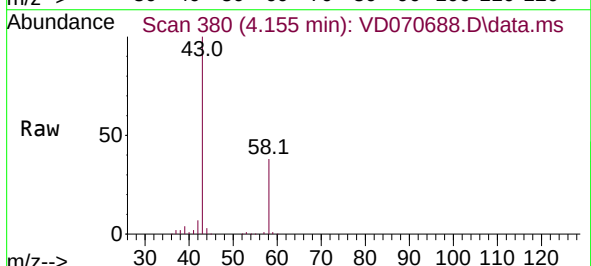
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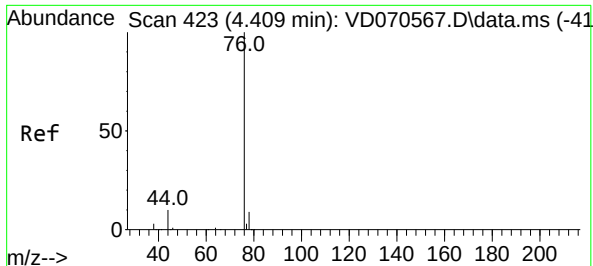
Tgt Ion:	53	Resp:	3198
Ion	Ratio	Lower	Upper
53	100		
52	45.0	64.6	97.0#
51	30.7	28.7	43.1



#16
Acetone
Concen: 2242.320 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion:	43	Resp:	920747
Ion	Ratio	Lower	Upper
43	100		
58	37.9	28.2	42.2

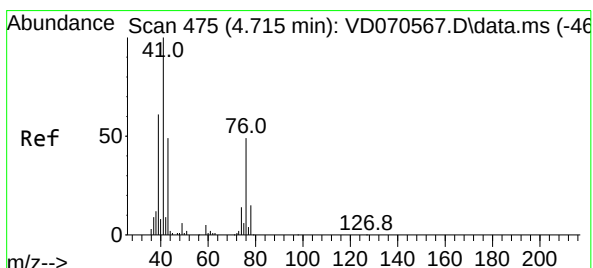
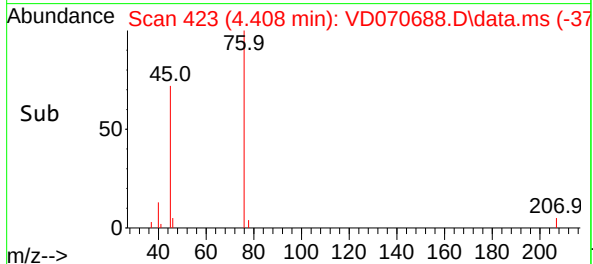
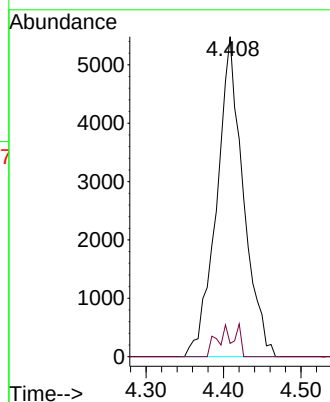
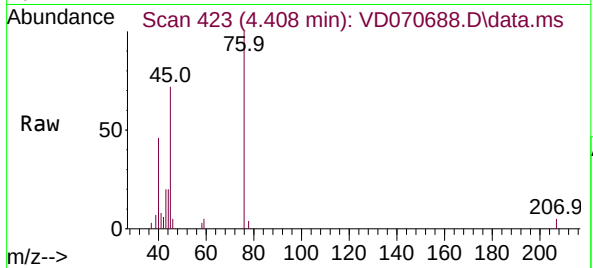




#17
Carbon Disulfide
Concen: 1.486 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

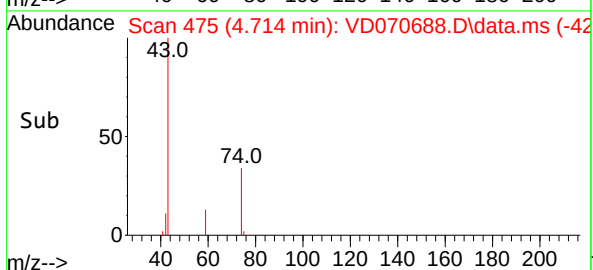
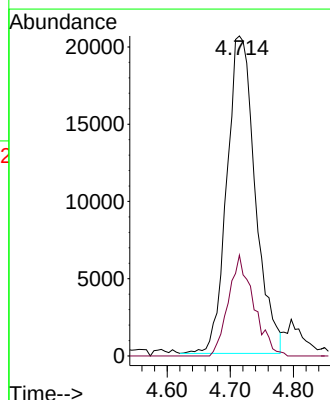
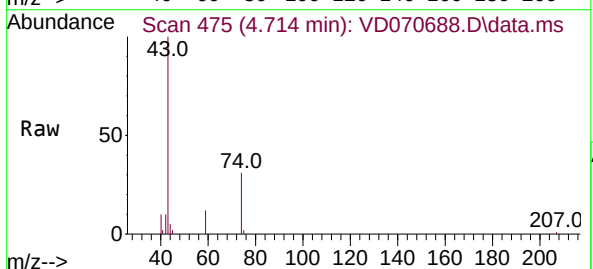
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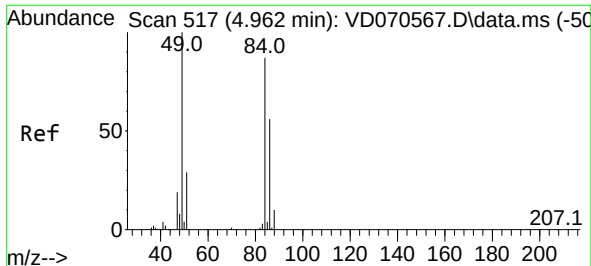
Tgt Ion: 76 Resp: 13080
Ion Ratio Lower Upper
76 100
78 4.1 7.4 11.2#



#18
Methyl Acetate
Concen: 40.555 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 43 Resp: 64261
Ion Ratio Lower Upper
43 100
74 28.2 22.6 33.8

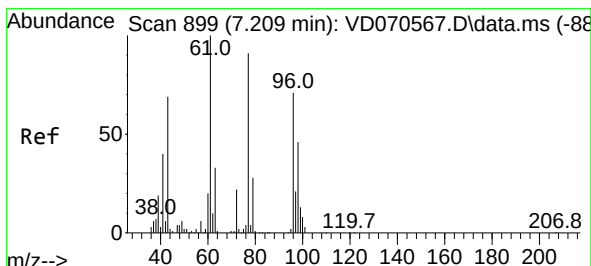
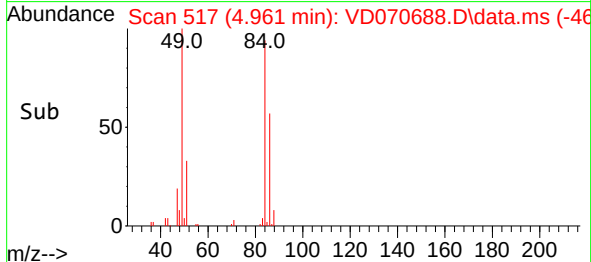
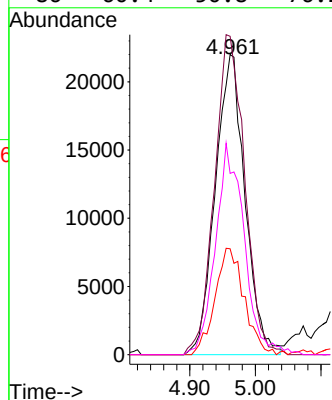
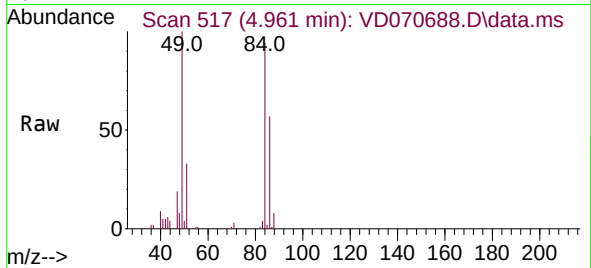




#20
Methylene Chloride
Concen: 18.006 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

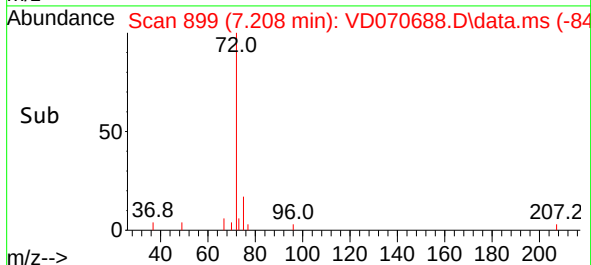
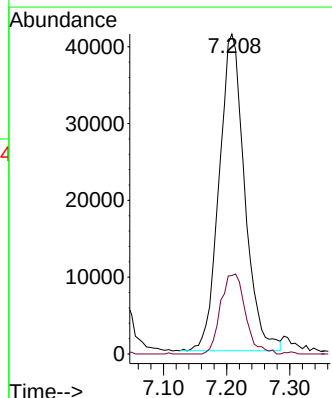
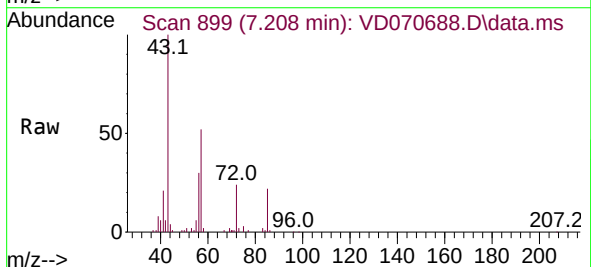
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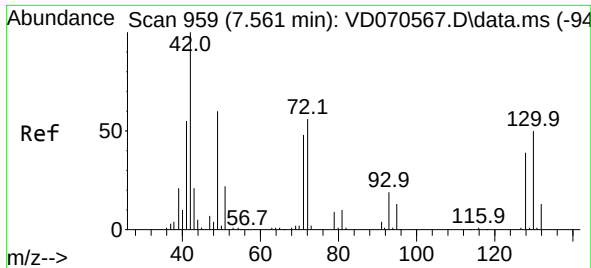
Tgt Ion:	84	Resp:	69305
Ion	Ratio	Lower	Upper
84	100		
49	106.1	91.4	137.2
51	35.3	26.7	40.1
86	60.4	50.8	76.2



#25
2-Butanone
Concen: 215.415 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070688.D
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Tgt Ion:	43	Resp:	115812
Ion	Ratio	Lower	Upper
43	100		
72	24.7	25.2	37.8#

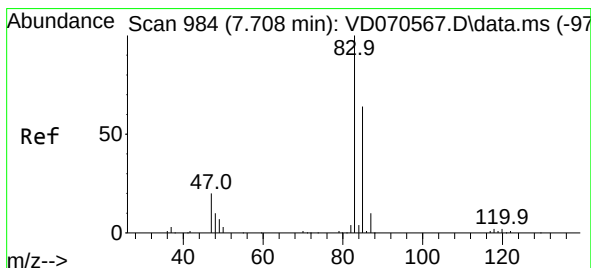
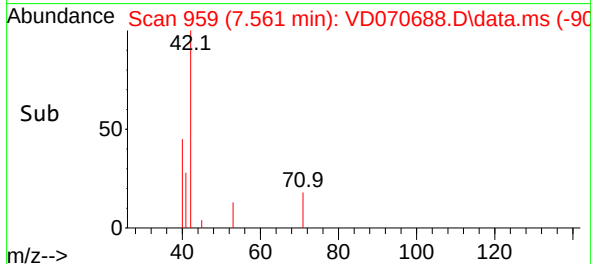
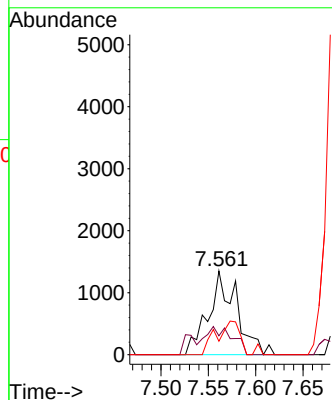
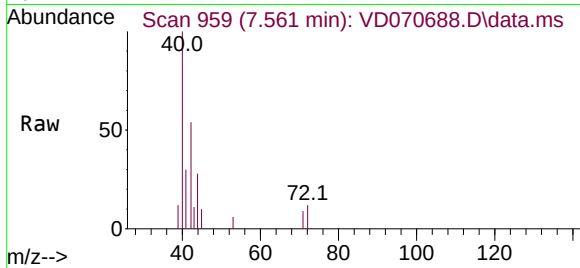




#29
Tetrahydrofuran
Concen: 8.149 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

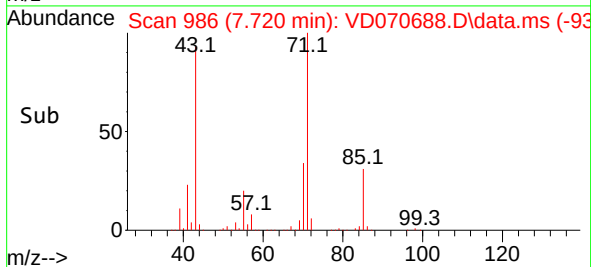
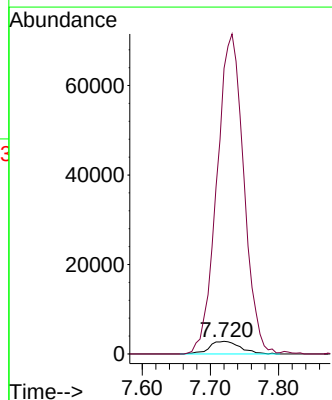
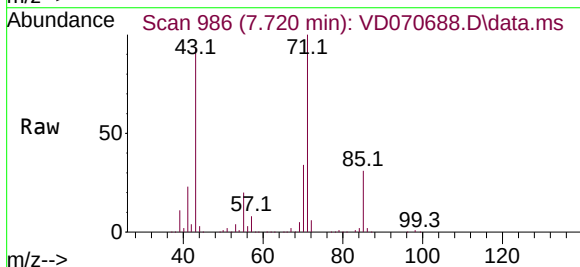
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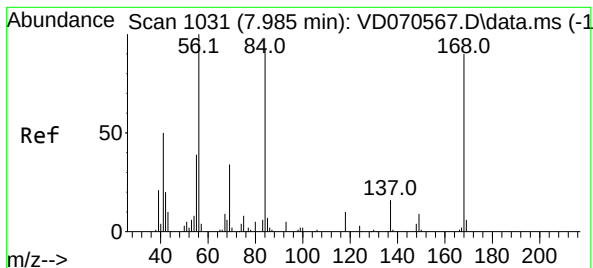
Tgt Ion: 42 Resp: 2824
Ion Ratio Lower Upper
42 100
72 0.0 40.2 60.4#
71 0.0 37.2 55.8#



#30
Chloroform
Concen: 1.696 ug/l
RT: 7.720 min Scan# 986
Delta R.T. 0.011 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 83 Resp: 8958
Ion Ratio Lower Upper
83 100
85 2271.6 51.2 76.8#





#31

Cyclohexane

Concen: 406.328 ug/l

RT: 7.955 min Scan# 1026

Delta R.T. -0.030 min

Lab File: VD070688.D

Acq: 12 Oct 2021 19:24

Instrument :
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31123

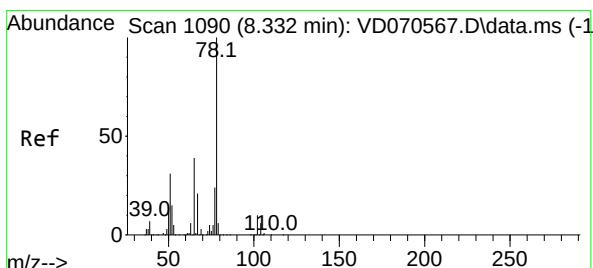
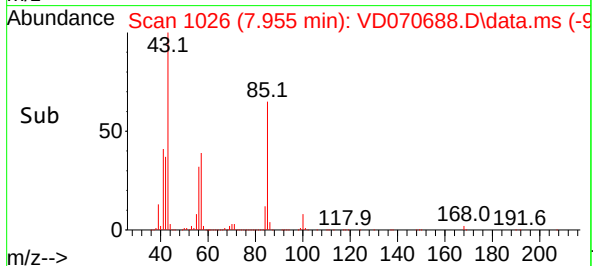
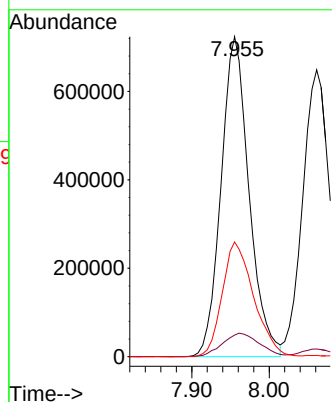
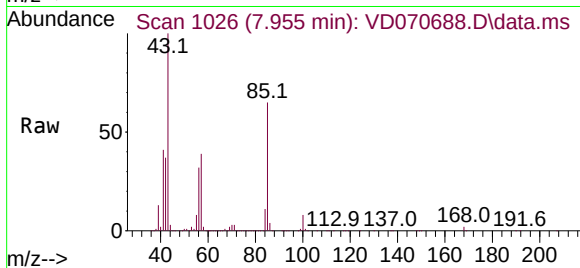
Tgt Ion: 56 Resp: 1819310

Ion Ratio Lower Upper

56 100

69 6.7 27.4 41.2#

84 35.8 73.6 110.4#



#33

1,2-Dichloroethane-d4

Concen: 68.428 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD070688.D

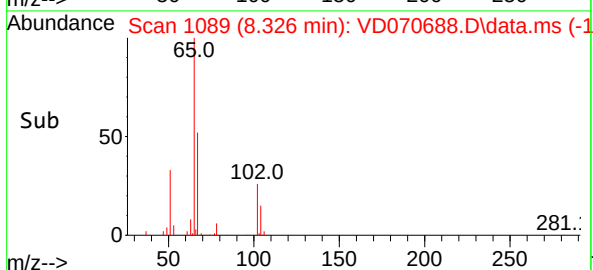
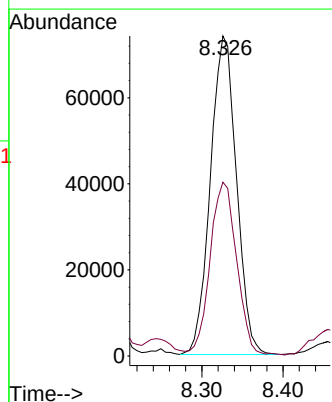
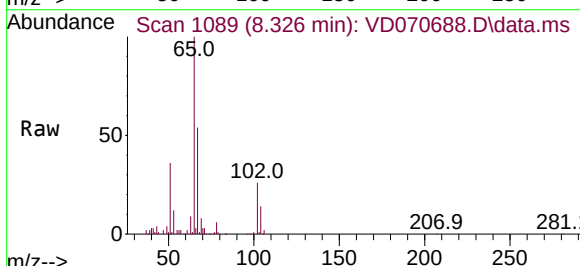
Acq: 12 Oct 2021 19:24

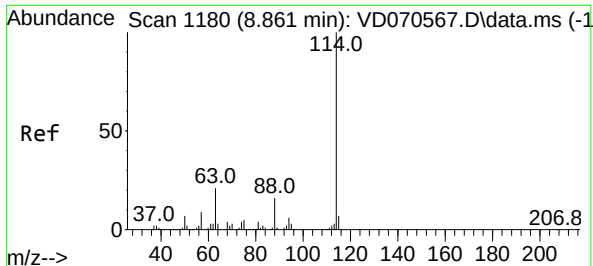
Tgt Ion: 65 Resp: 165465

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.2



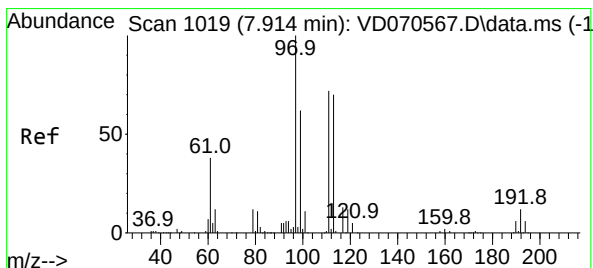
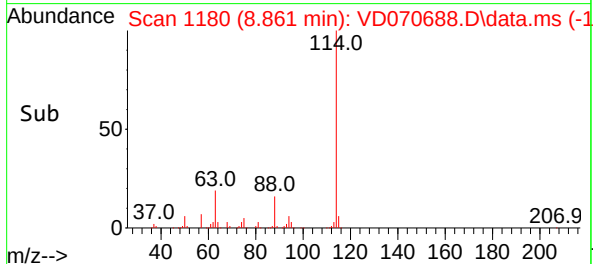
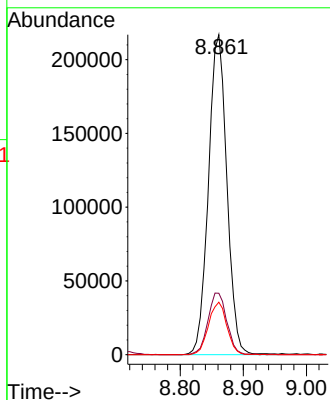
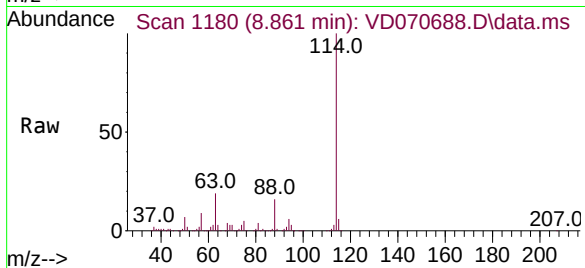


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Instrument :
MSVOA_D
ClientSampled :
31123

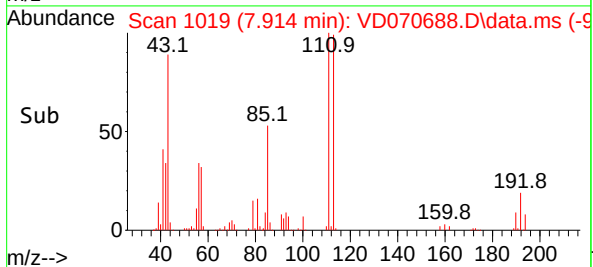
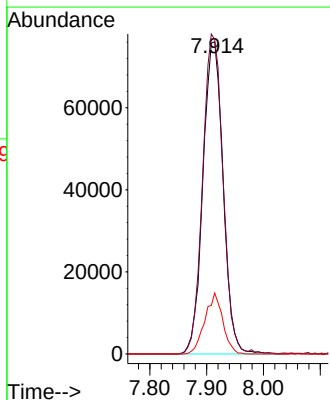
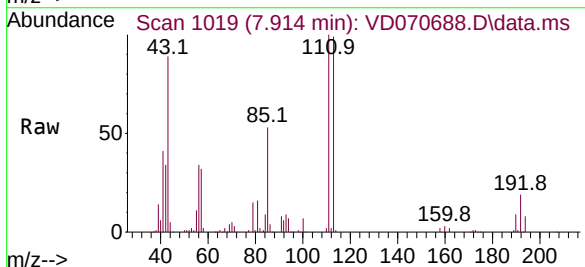
Tgt Ion:114	Resp:	439437
Ion Ratio	Lower	Upper
114	100	
63	19.2	0.0 41.8
88	16.4	0.0 32.6

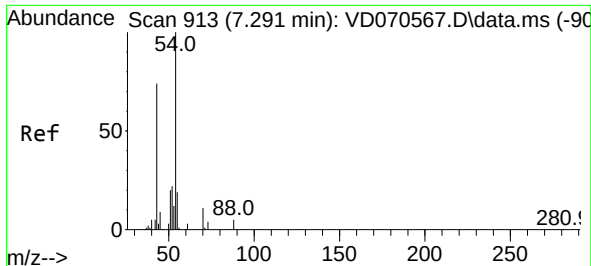


#35

Dibromofluoromethane
Concen: 64.252 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion:113	Resp:	187722
Ion Ratio	Lower	Upper
113	100	
111	103.1	83.1 124.7
192	17.3	12.7 19.1





#37

Ethyl Acetate

Concen: 74.823 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.083 min

Lab File: VD070688.D

Acq: 12 Oct 2021 19:24

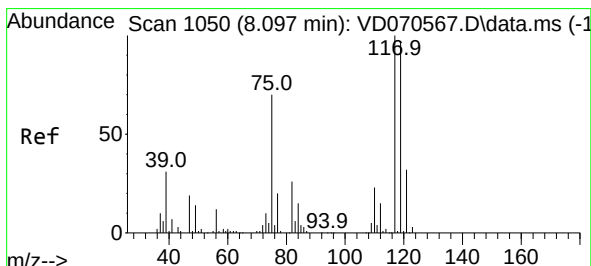
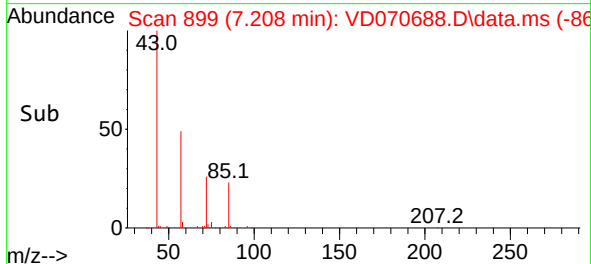
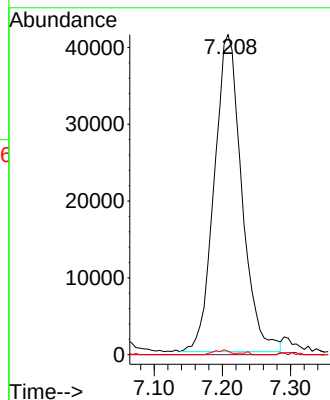
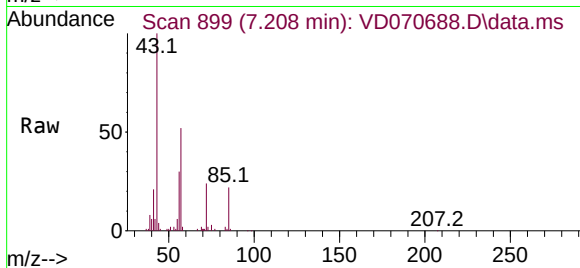
Instrument :

MSVOA_D

ClientSampleId :

31123

Tgt Ion: 43 Resp: 116014
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.9 19.3#
 70 0.9 9.9 14.9#



#38

Carbon Tetrachloride

Concen: 4.554 ug/l

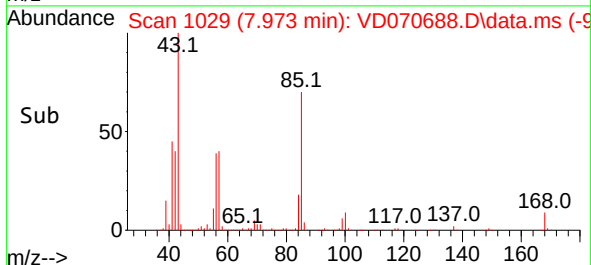
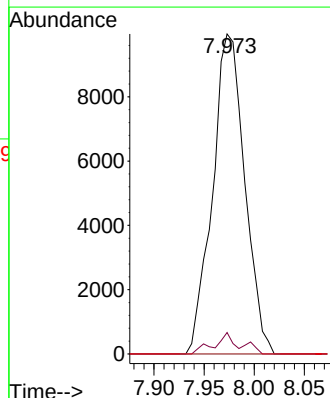
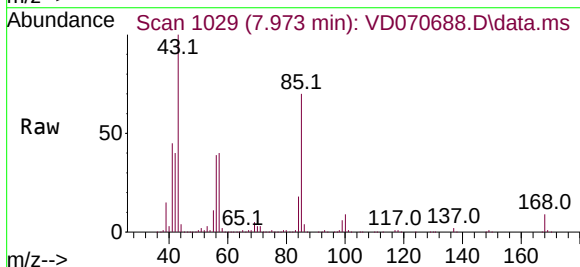
RT: 7.973 min Scan# 1029

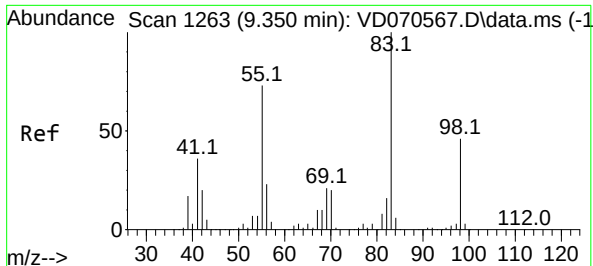
Delta R.T. -0.124 min

Lab File: VD070688.D

Acq: 12 Oct 2021 19:24

Tgt Ion: 117 Resp: 22244
 Ion Ratio Lower Upper
 117 100
 119 6.7 77.4 116.0#
 121 0.0 25.4 38.0#





#39

Methylcyclohexane

Concen: 19.071 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD070688.D

Acq: 12 Oct 2021 19:24

Instrument :

MSVOA_D

ClientSampleId :

31123

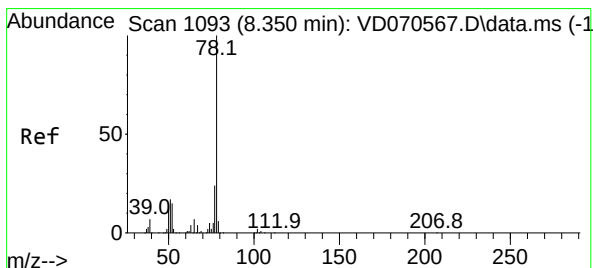
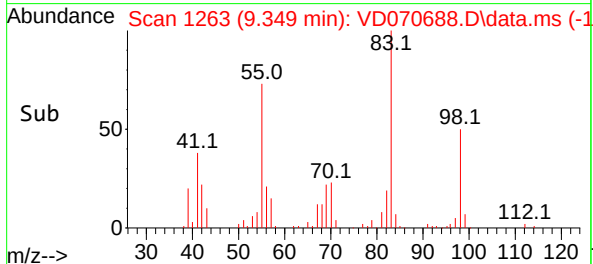
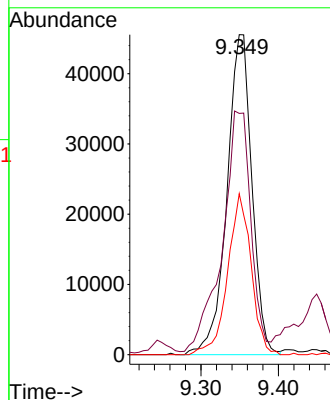
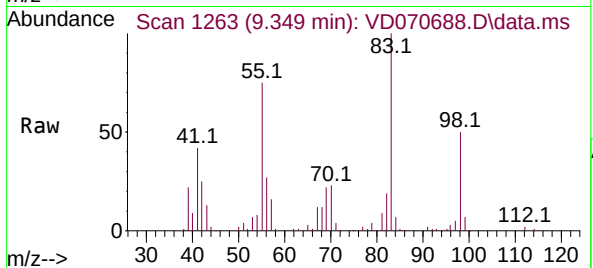
Tgt Ion: 83 Resp: 102349

Ion Ratio Lower Upper

83 100

55 74.5 58.2 87.4

98 50.3 36.9 55.3



#40

Benzene

Concen: 1.670 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD070688.D

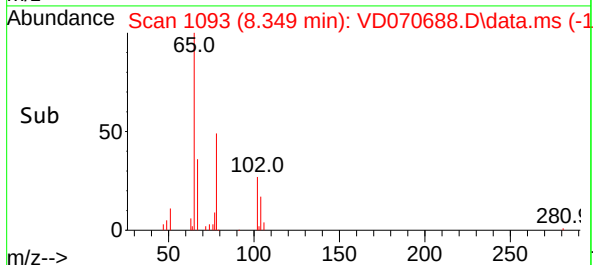
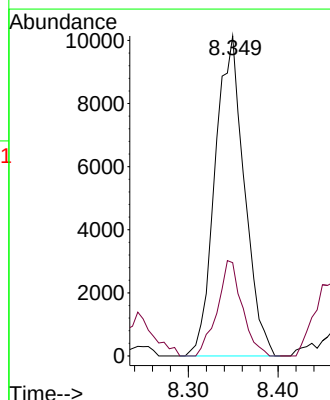
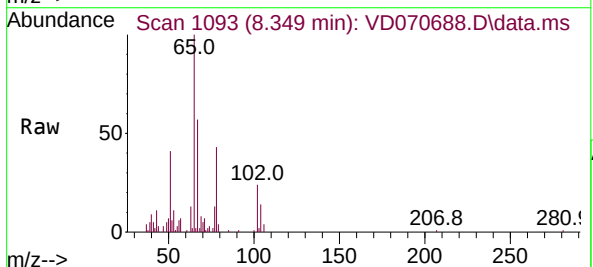
Acq: 12 Oct 2021 19:24

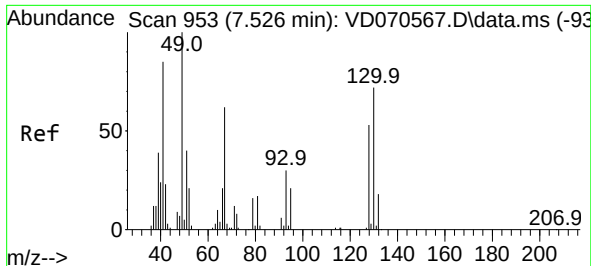
Tgt Ion: 78 Resp: 22978

Ion Ratio Lower Upper

78 100

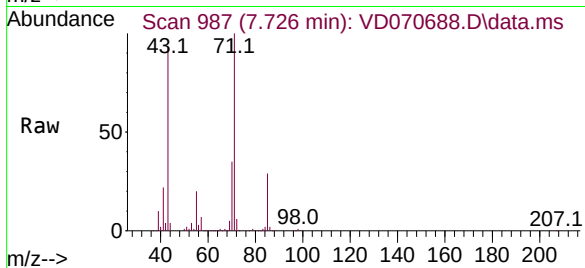
77 29.1 18.9 28.3#



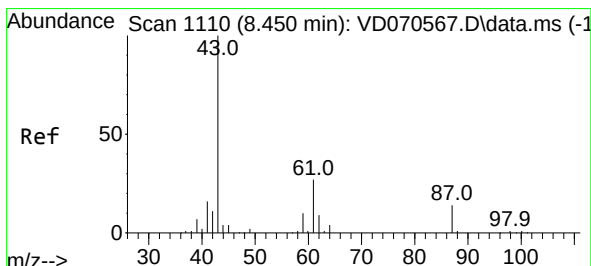
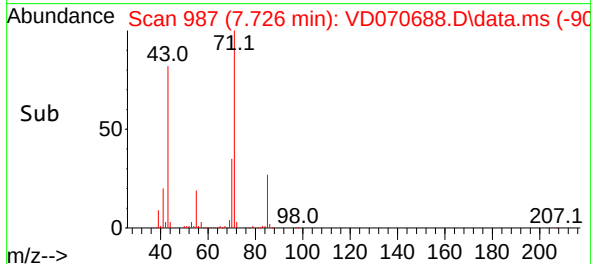
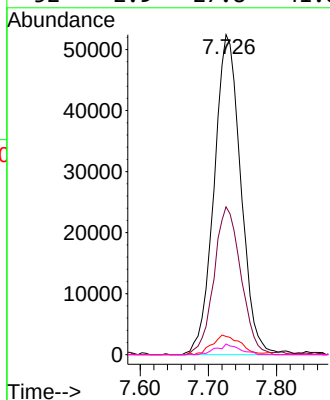


#41
Methacrylonitrile
Concen: 178.467 ug/l
RT: 7.726 min Scan# 987
Delta R.T. 0.200 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Instrument :
MSVOA_D
ClientSampleId :
31123

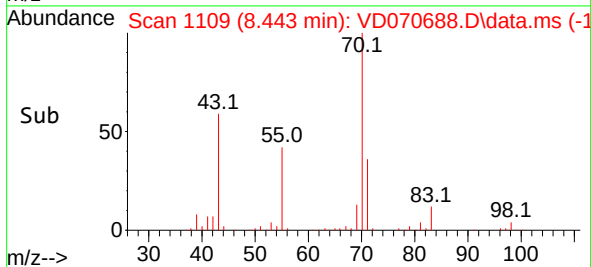
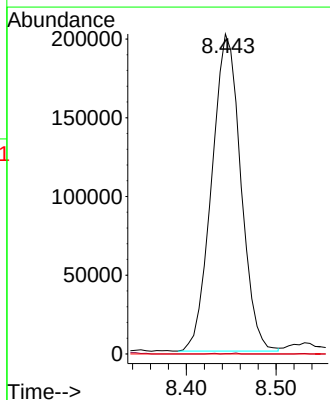
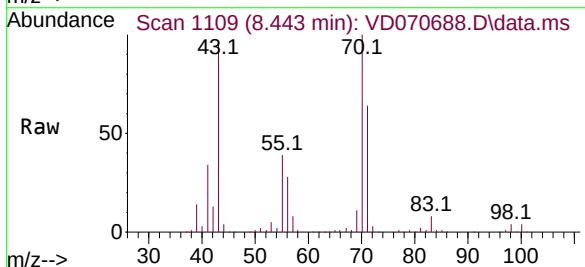


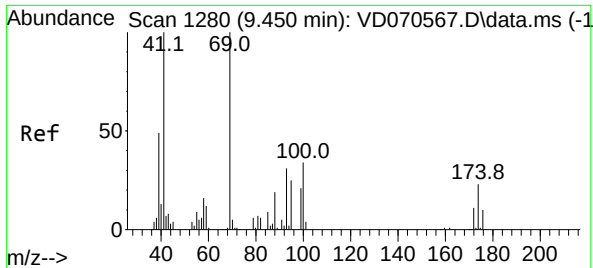
Tgt Ion	Ratio	Lower	Upper
41	100		
39	46.6	45.2	67.8
67	6.6	75.8	113.6#
52	2.9	27.8	41.8#



#43
Isopropyl Acetate
Concen: 159.567 ug/l
RT: 8.443 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.1	29.0	43.4#
87	0.0	11.8	17.6#





#48

Methyl methacrylate

Concen: 153.345 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD070688.D

Acq: 12 Oct 2021 19:24

Instrument :

MSVOA_D

ClientSampleId :

31123

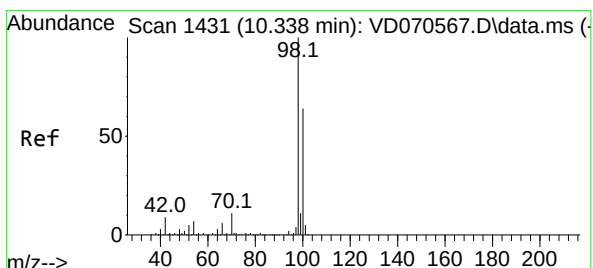
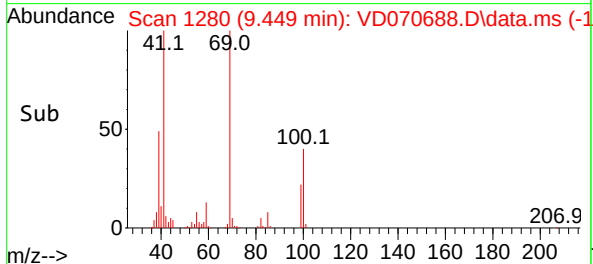
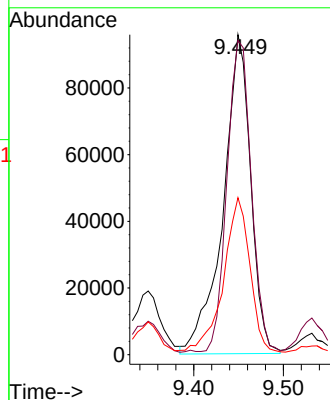
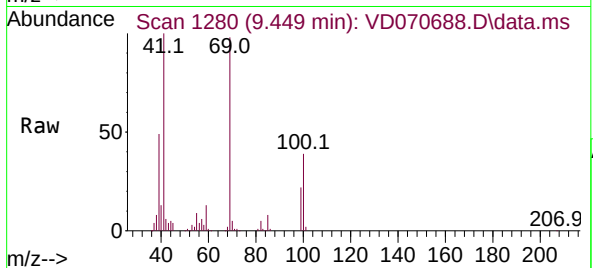
Tgt Ion: 41 Resp: 204231

Ion Ratio Lower Upper

41 100

69 87.1 78.5 117.7

39 48.0 34.9 52.3



#50

Toluene-d8

Concen: 22.934 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD070688.D

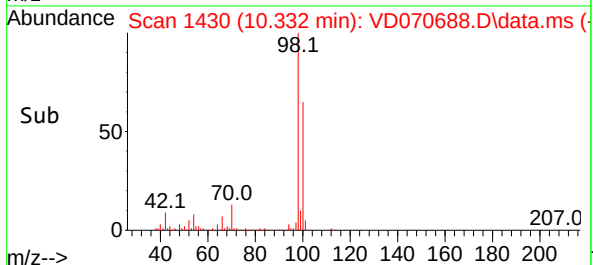
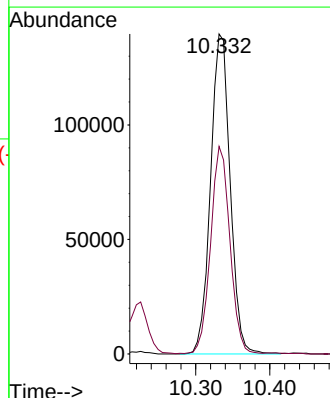
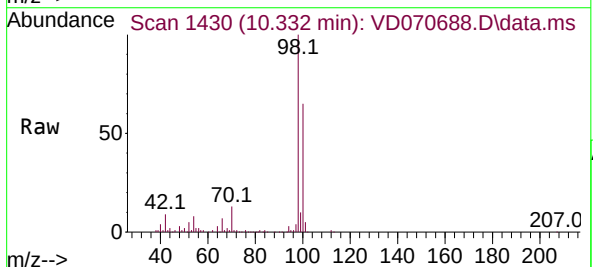
Acq: 12 Oct 2021 19:24

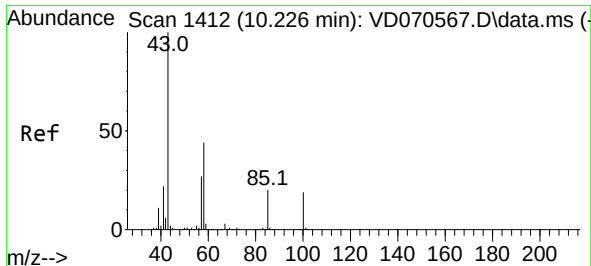
Tgt Ion: 98 Resp: 256154

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.4

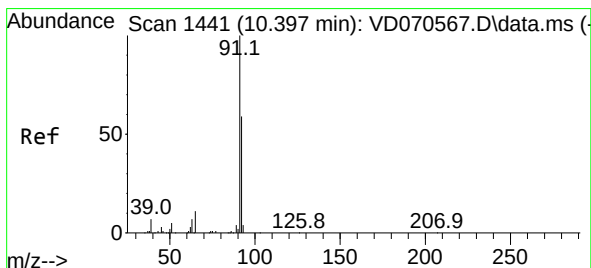
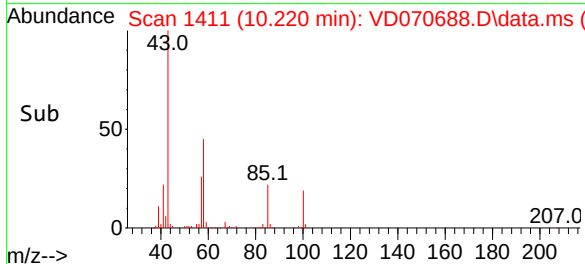
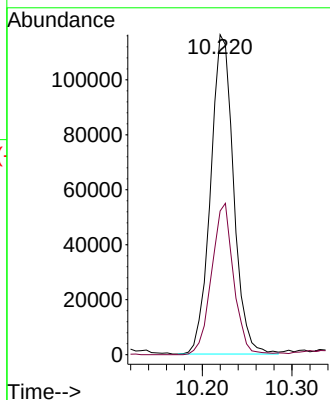
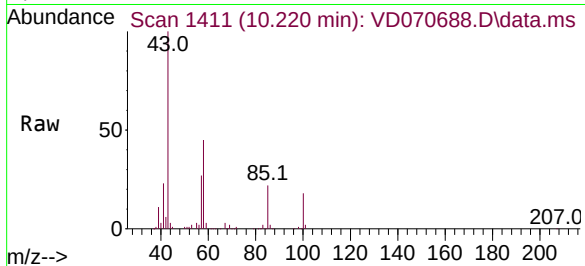




#51
4-Methyl-2-Pentanone
Concen: 141.386 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

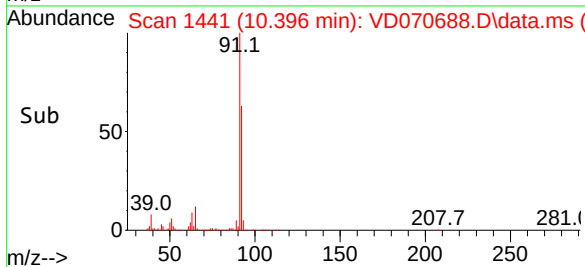
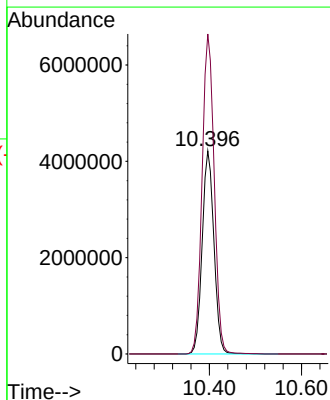
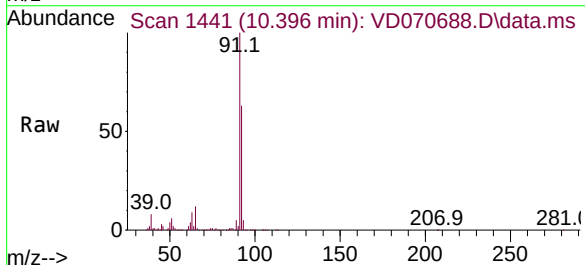
Instrument :
MSVOA_D
ClientSampleId :
31123

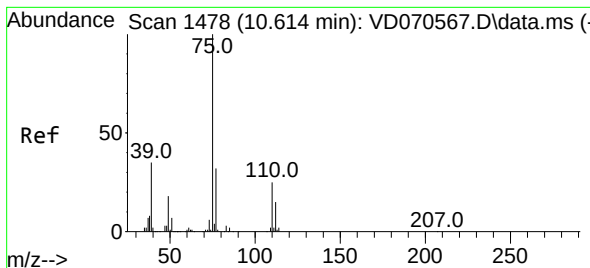
Tgt Ion: 43 Resp: 207246
Ion Ratio Lower Upper
43 100
58 45.2 35.0 52.6



#52
Toluene
Concen: 888.670 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 92 Resp: 7509822
Ion Ratio Lower Upper
92 100
91 162.2 136.3 204.5

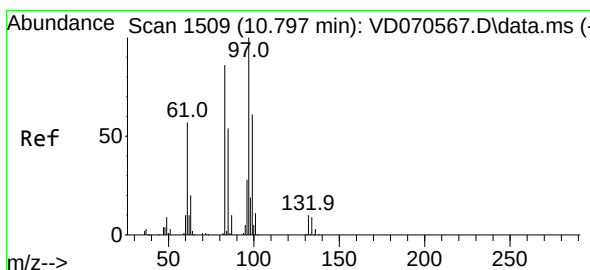
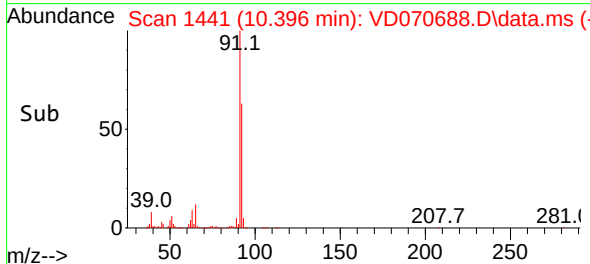
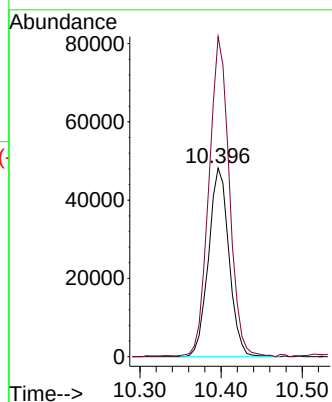
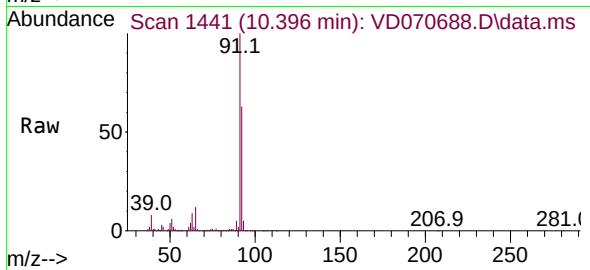




#53
t-1,3-Dichloropropene
Concen: 20.727 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.218 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

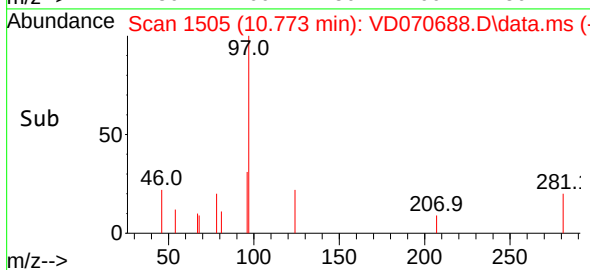
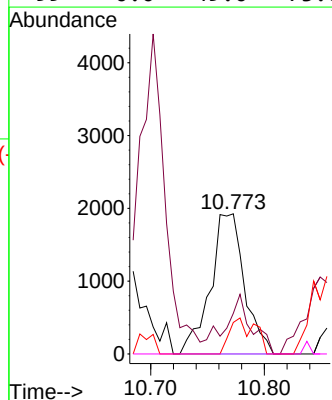
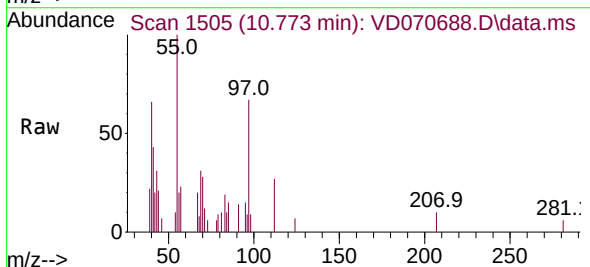
Instrument :
MSVOA_D
ClientSampled :
31123

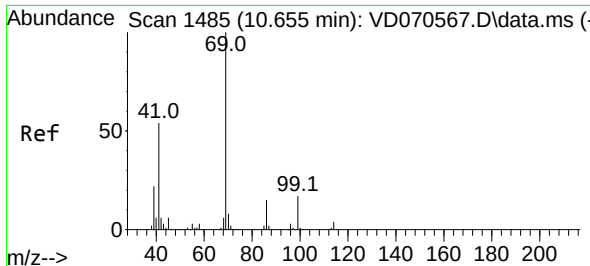
Tgt Ion: 75 Resp: 84346
Ion Ratio Lower Upper
75 100
77 169.1 25.5 38.3#



#55
1,1,2-Trichloroethane
Concen: 1.637 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.024 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 97 Resp: 4018
Ion Ratio Lower Upper
97 100
83 29.0 69.1 103.7#
85 22.5 43.0 64.6#
99 0.0 49.0 73.6#

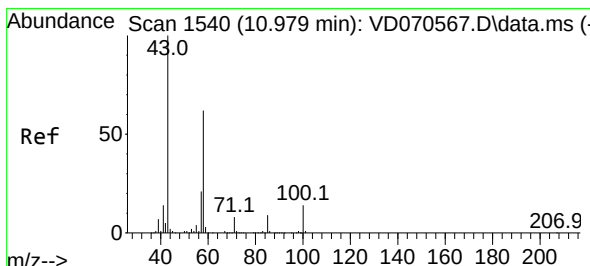
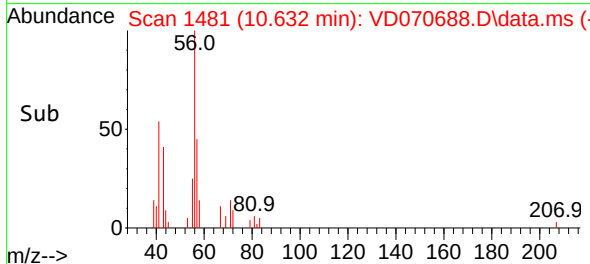
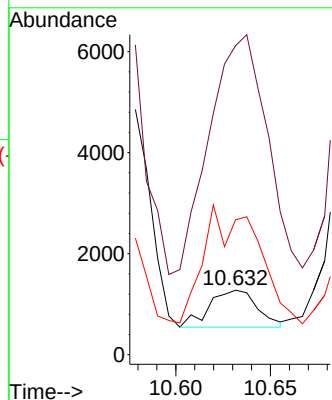
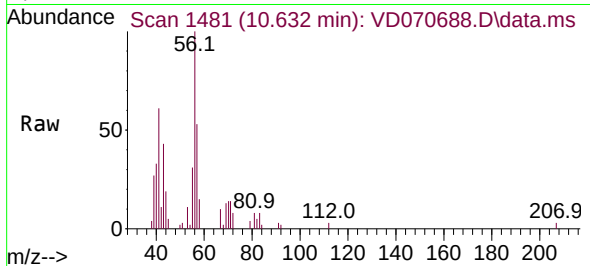




#56
Ethyl methacrylate
Concen: 1.801 ug/l
RT: 10.632 min Scan# 1481
Delta R.T. -0.023 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

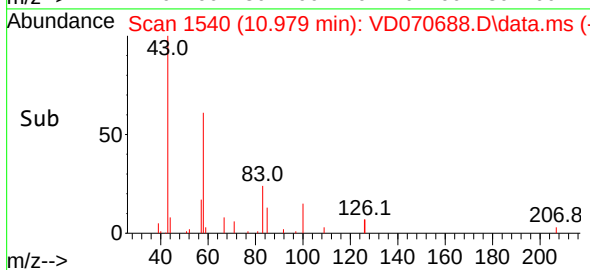
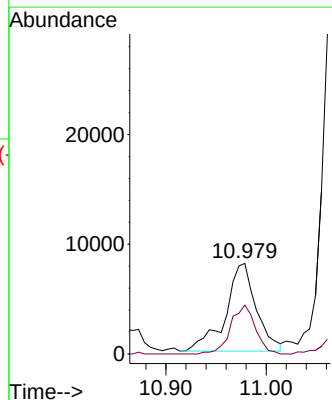
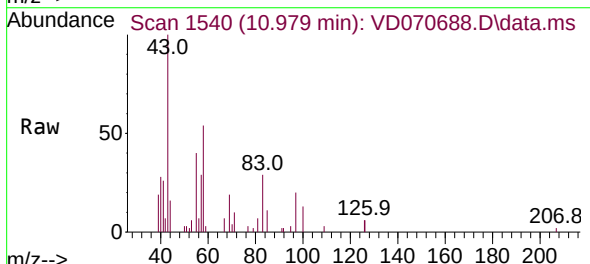
Instrument :
MSVOA_D
ClientSampleId :
31123

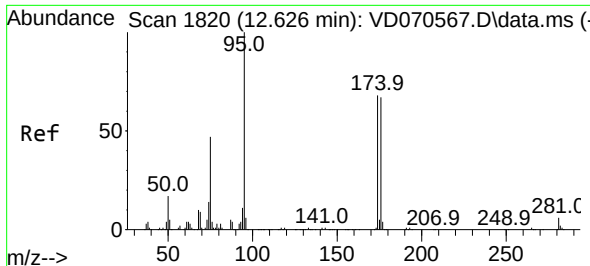
Tgt Ion: 69 Resp: 1288
Ion Ratio Lower Upper
69 100
41 1143.6 44.7 67.1#
39 0.0 19.5 29.3#



#59
2-Hexanone
Concen: 12.566 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 43 Resp: 17038
Ion Ratio Lower Upper
43 100
58 44.8 30.4 91.3

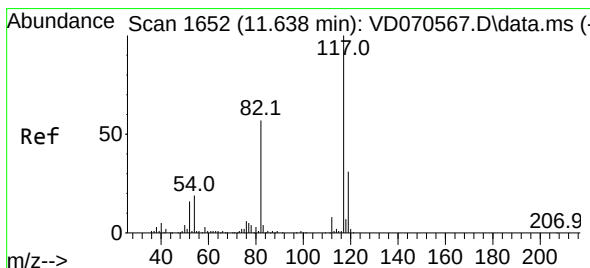
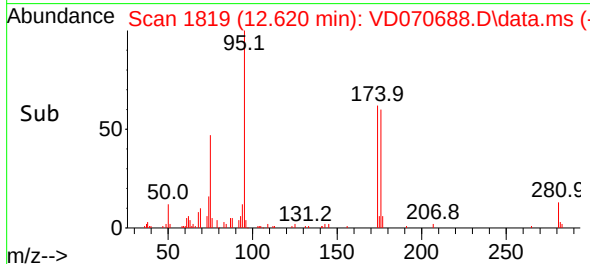
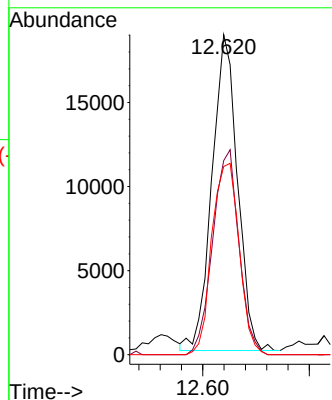
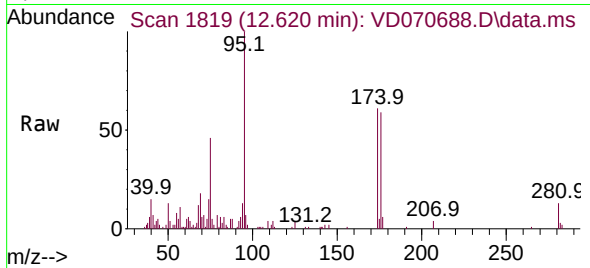




#62
4-Bromofluorobenzene
Concen: 8.369 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

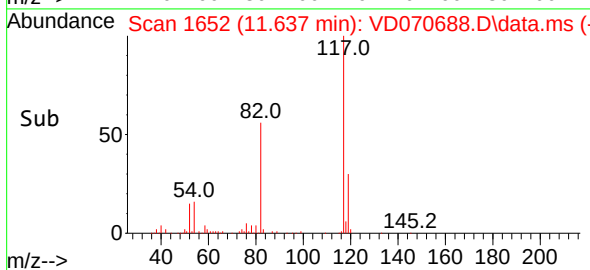
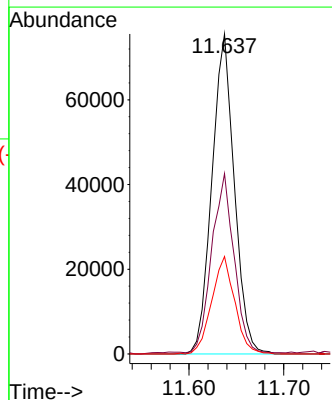
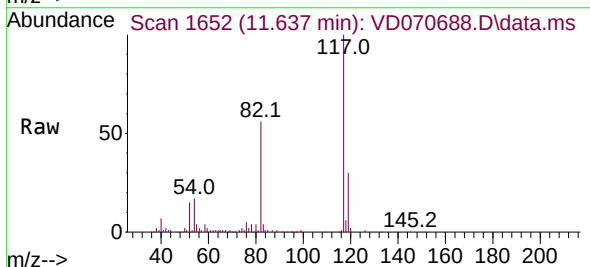
Instrument :
MSVOA_D
ClientSampleId :
31123

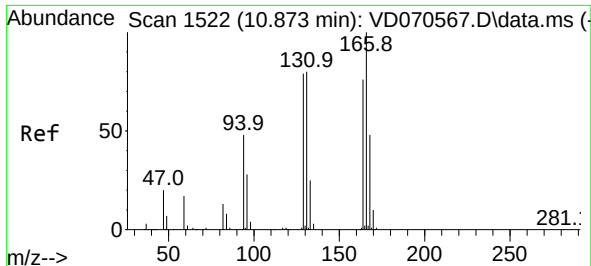
Tgt Ion: 95 Resp: 31240
Ion Ratio Lower Upper
95 100
174 66.4 0.0 138.0
176 64.8 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 117 Resp: 123971
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.2
119 30.4 24.7 37.1

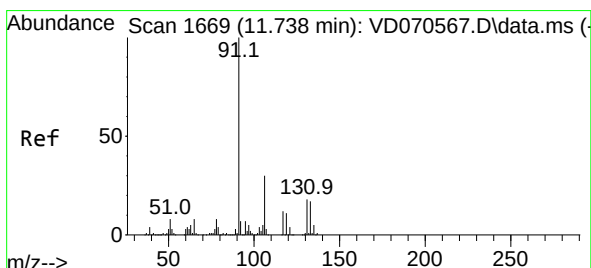
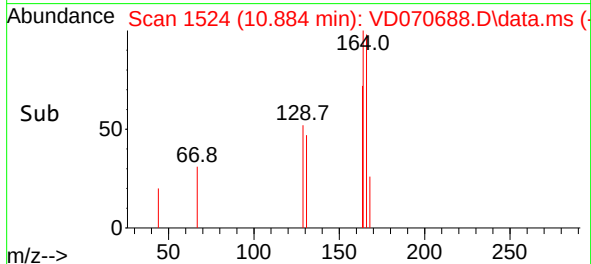
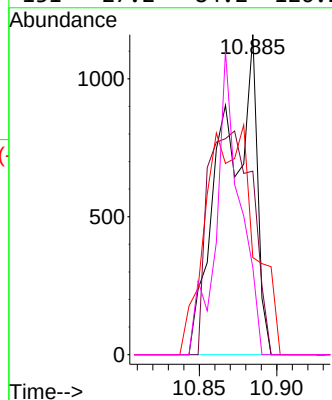
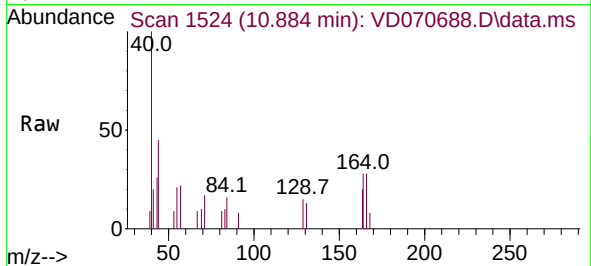




#64
Tetrachloroethene
Concen: 2.184 ug/l
RT: 10.884 min Scan# 1524
Delta R.T. 0.011 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

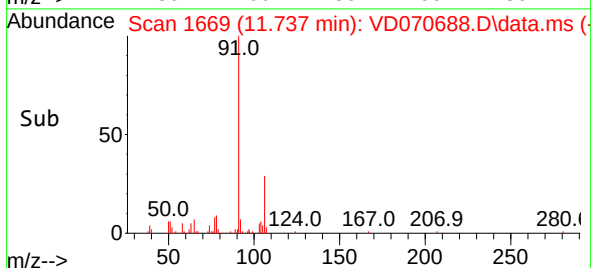
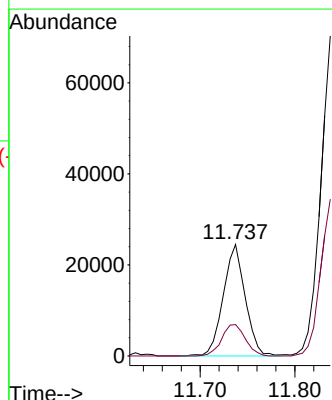
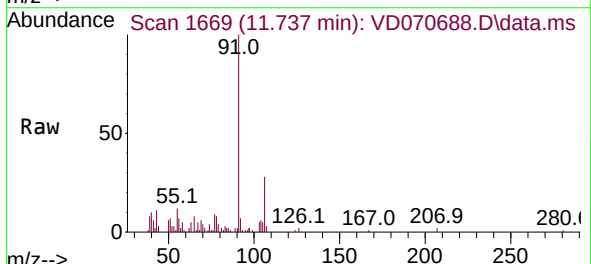
Instrument :
MSVOA_D
ClientSampleId :
31123

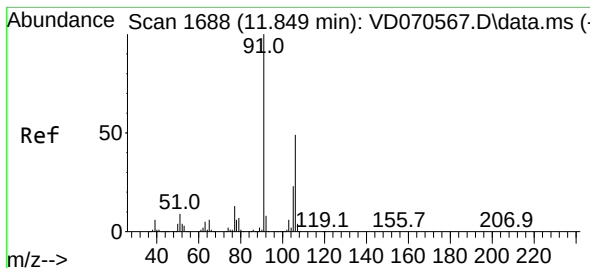
Tgt Ion:164 Resp: 1736
Ion Ratio Lower Upper
164 100
166 57.3 105.8 158.6#
129 30.3 83.8 125.6#
131 27.2 84.2 126.2#



#67
Ethyl Benzene
Concen: 8.659 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 91 Resp: 39499
Ion Ratio Lower Upper
91 100
106 28.1 24.2 36.2

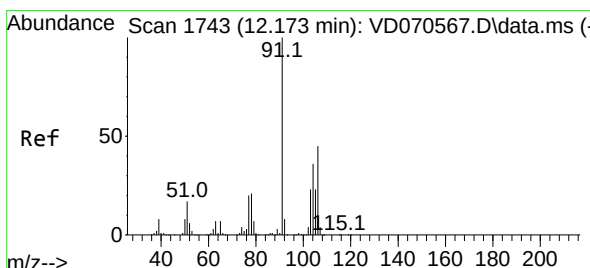
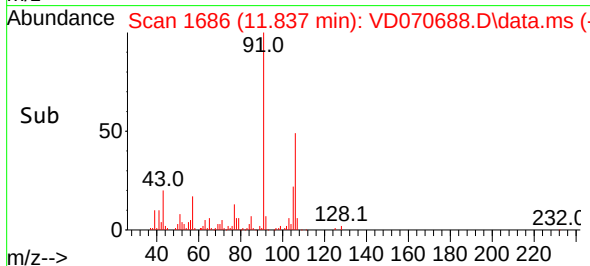
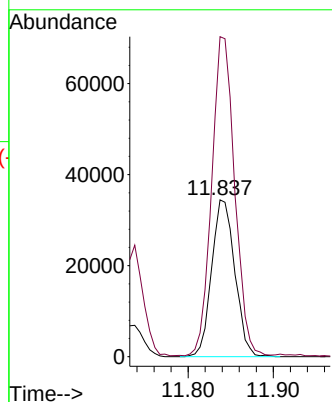
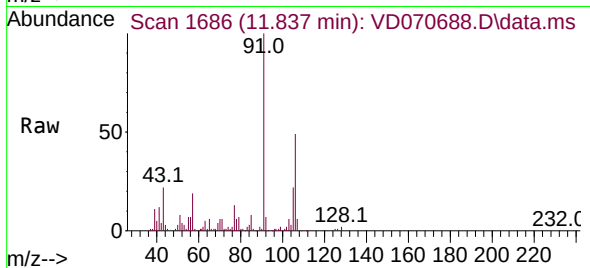




#68
m/p-Xylenes
Concen: 36.263 ug/l
RT: 11.837 min Scan# 1686
Delta R.T. -0.012 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

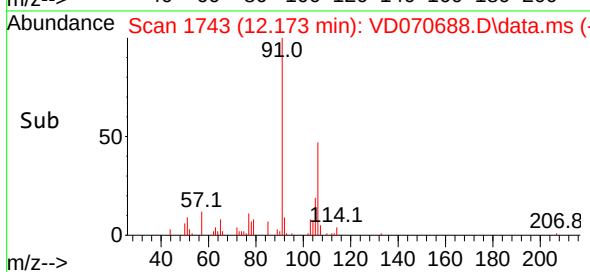
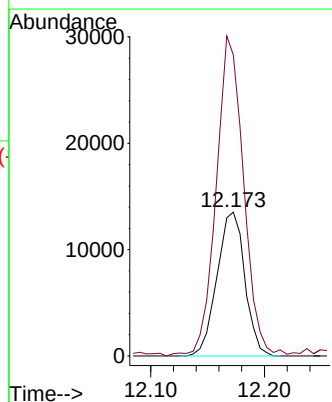
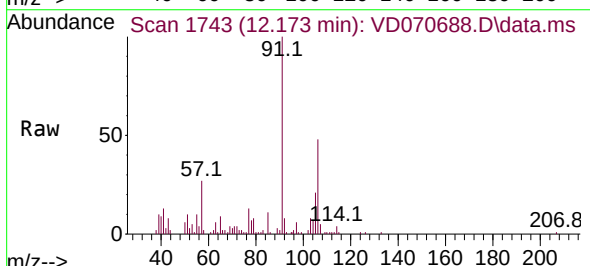
Instrument :
MSVOA_D
ClientSampleId :
31123

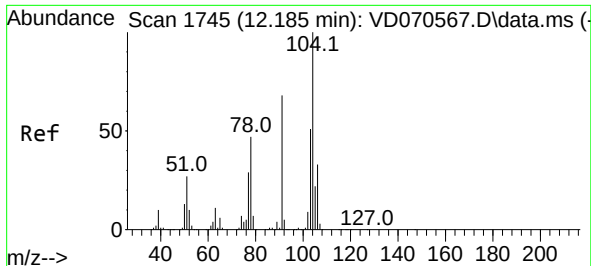
Tgt Ion:106 Resp: 65146
Ion Ratio Lower Upper
106 100
91 201.5 162.7 244.1



#69
o-Xylene
Concen: 14.365 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion:106 Resp: 22954
Ion Ratio Lower Upper
106 100
91 220.1 107.8 323.6

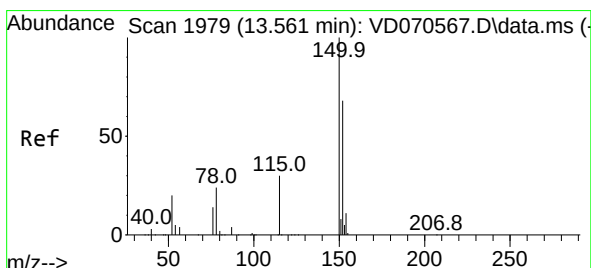
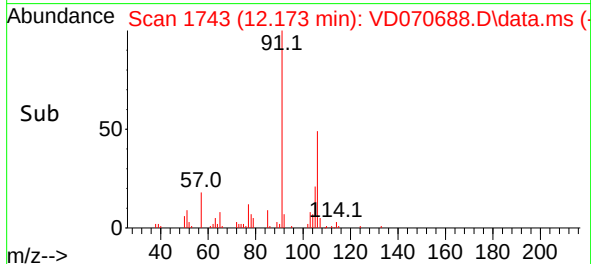
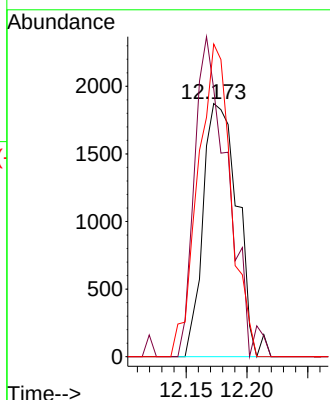
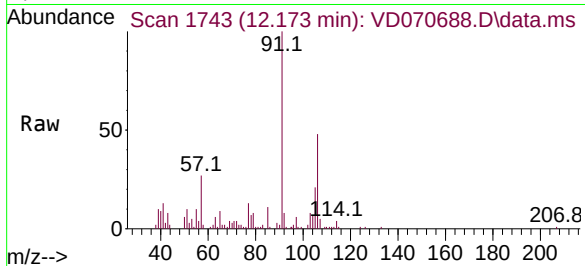




#70
Styrene
Concen: 1.309 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.012 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

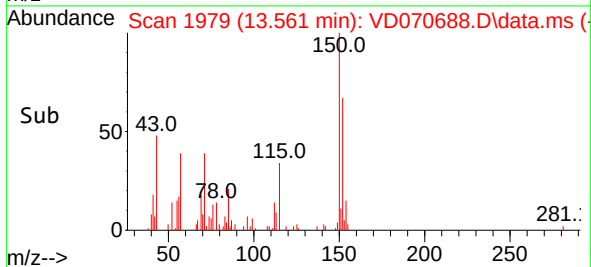
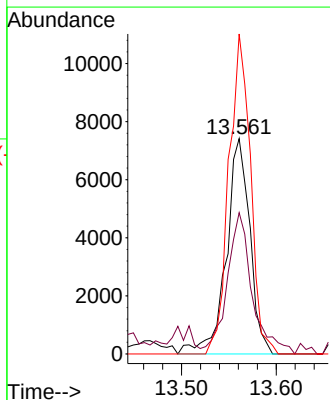
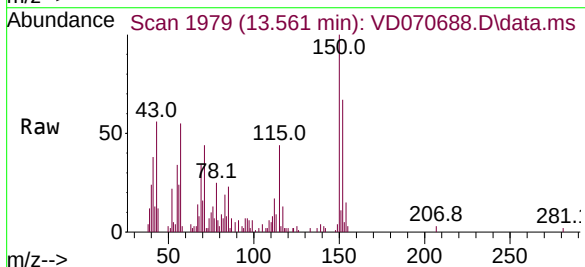
Instrument :
MSVOA_D
ClientSampleId :
31123

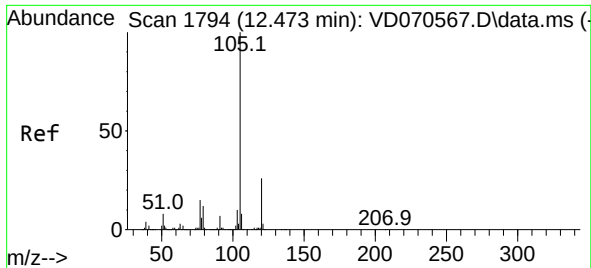
Tgt Ion:104 Resp: 3685
Ion Ratio Lower Upper
104 100
78 121.4 39.8 59.6#
103 118.3 43.4 65.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion:152 Resp: 12823
Ion Ratio Lower Upper
152 100
115 69.7 31.9 95.7
150 136.1 0.0 350.0

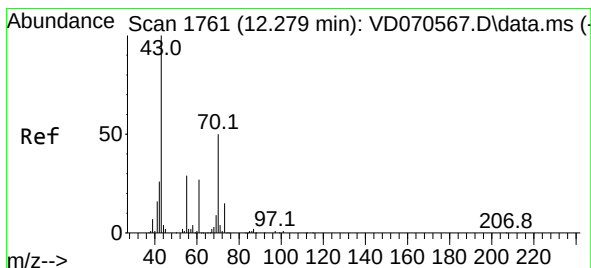
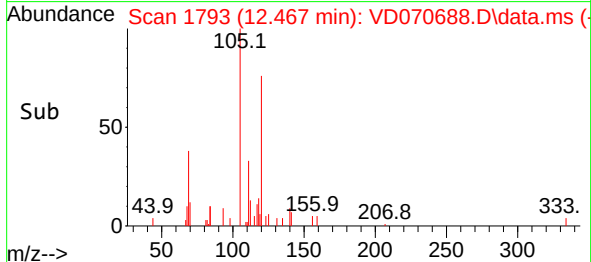
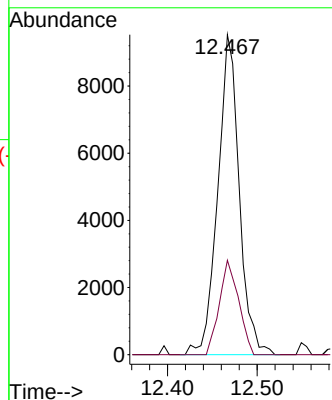
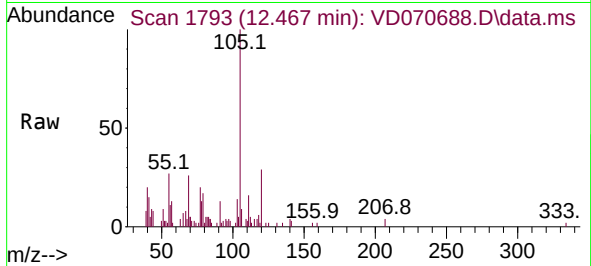




#73
Isopropylbenzene
Concen: 16.889 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

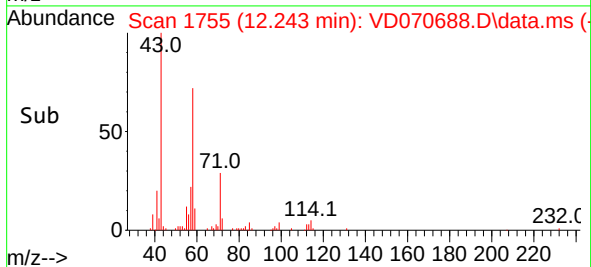
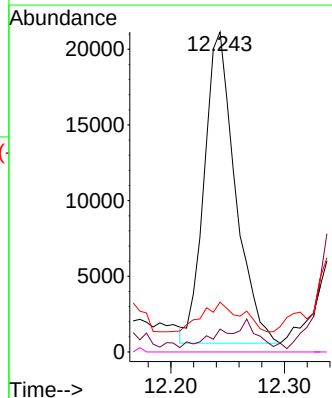
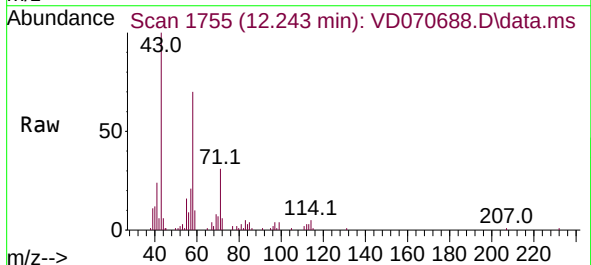
Instrument :
MSVOA_D
ClientSampleId :
31123

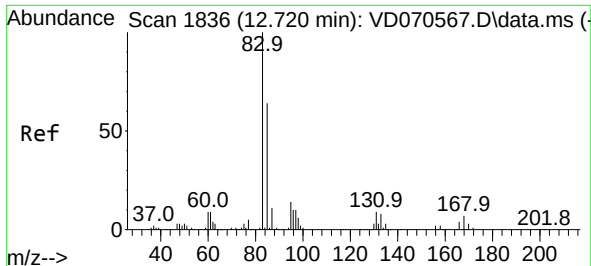
Tgt Ion:105 Resp: 15789
Ion Ratio Lower Upper
105 100
120 26.5 12.8 38.3



#74
N-ethyl acetate
Concen: 220.941 ug/l
RT: 12.243 min Scan# 1755
Delta R.T. -0.036 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 43 Resp: 38924
Ion Ratio Lower Upper
43 100
70 0.0 40.0 60.0#
55 13.5 23.8 35.6#
61 0.0 22.1 33.1#

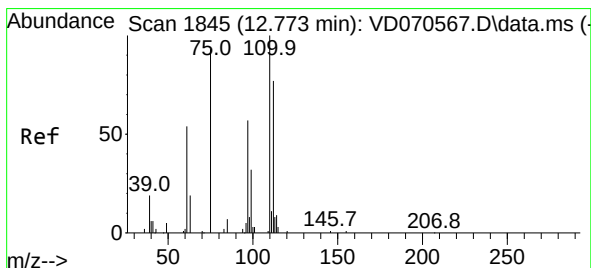
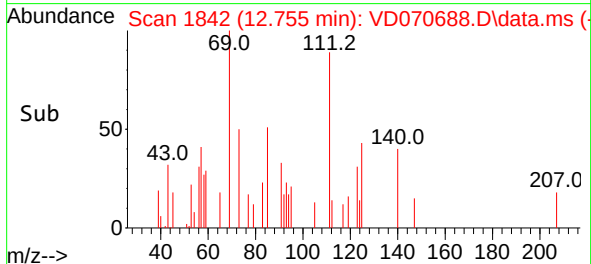
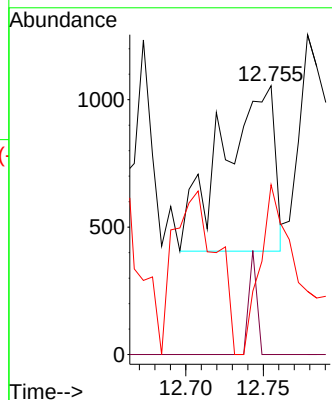
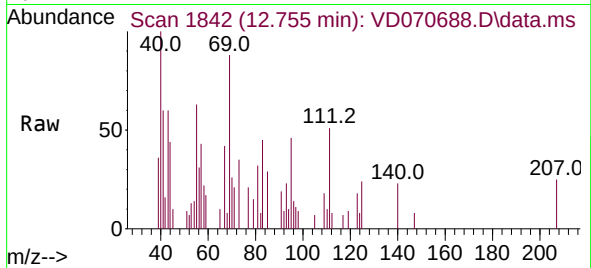




#75
1,1,2,2-Tetrachloroethane
Concen: 8.284 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.035 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

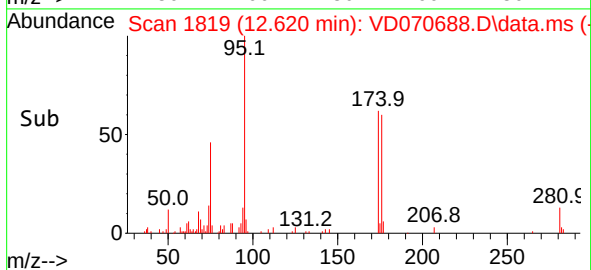
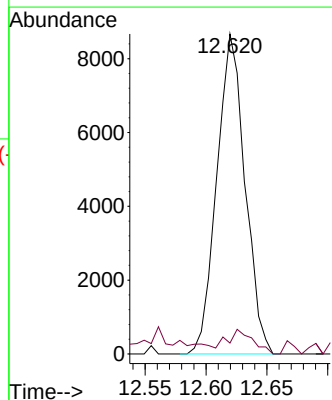
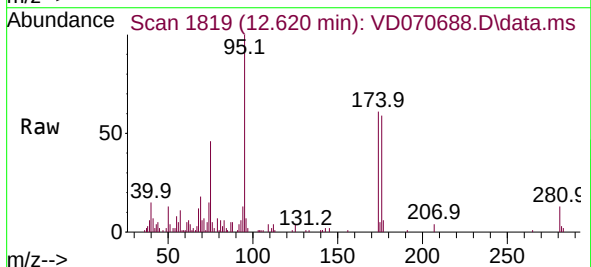
Instrument :
MSVOA_D
ClientSampled :
31123

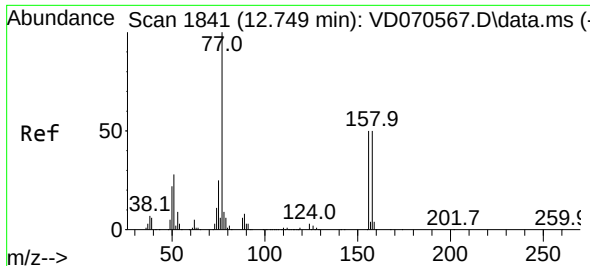
Tgt Ion: 83 Resp: 1514
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 75.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 120.427 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 75 Resp: 13977
Ion Ratio Lower Upper
75 100
77 6.9 0.0 0.0#

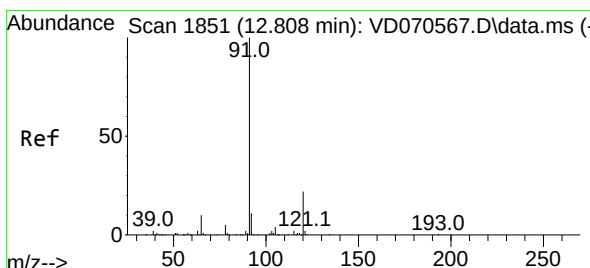
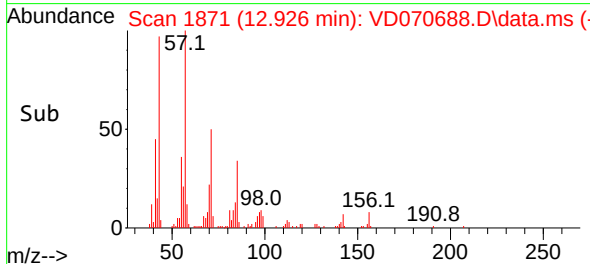
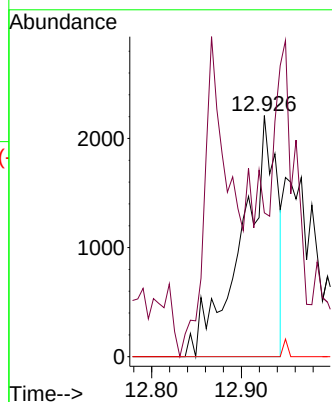
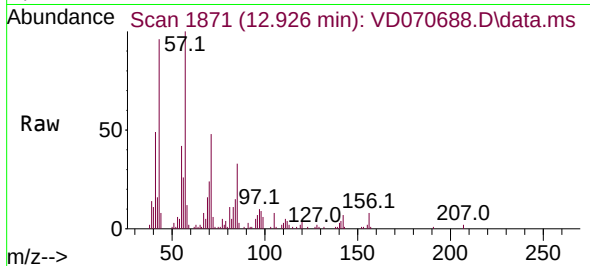




#77
Bromobenzene
Concen: 28.517 ug/l
RT: 12.926 min Scan# 1871
Delta R.T. 0.176 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

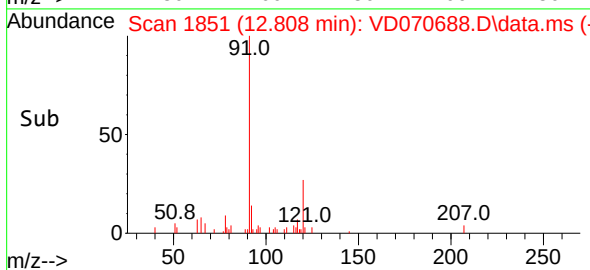
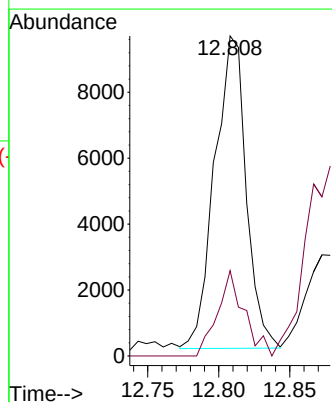
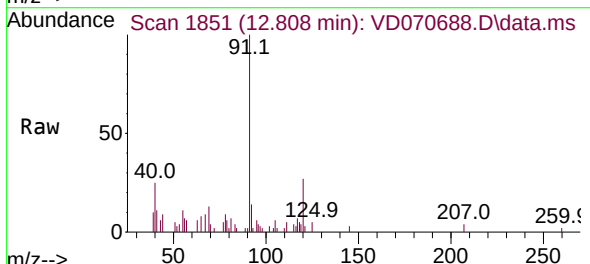
Instrument :
MSVOA_D
ClientSampled :
31123

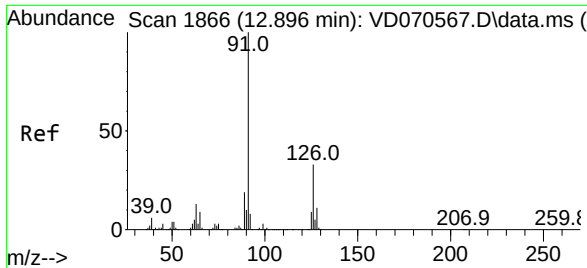
Tgt Ion:156 Resp: 5960
Ion Ratio Lower Upper
156 100
77 0.0 105.7 317.1#
158 0.0 48.9 146.6#



#78
n-propylbenzene
Concen: 12.371 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 91 Resp: 14635
Ion Ratio Lower Upper
91 100
120 23.0 10.9 32.6

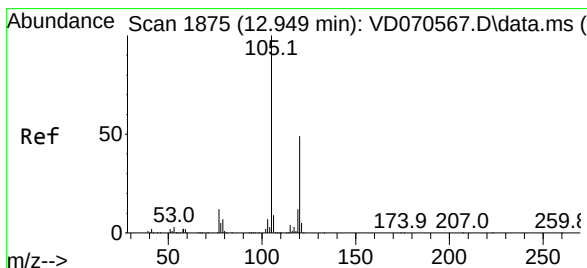
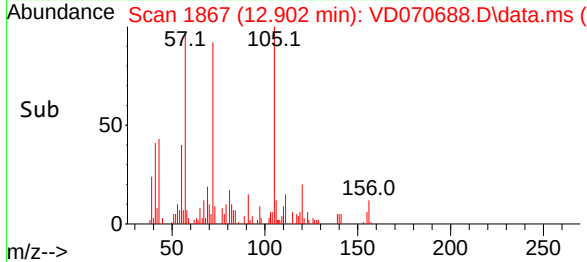
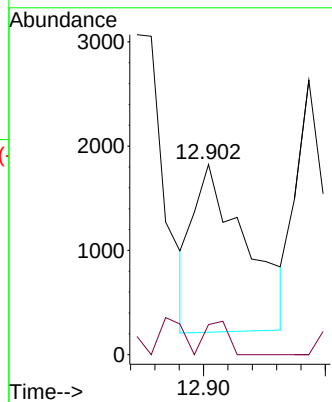
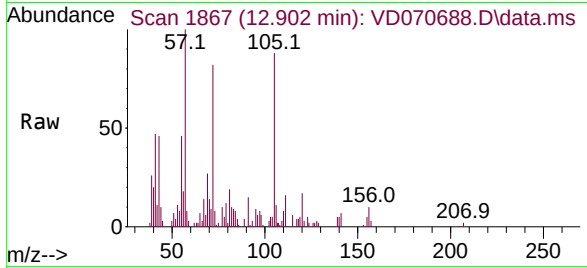




#79
2-Chlorotoluene
Concen: 3.494 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

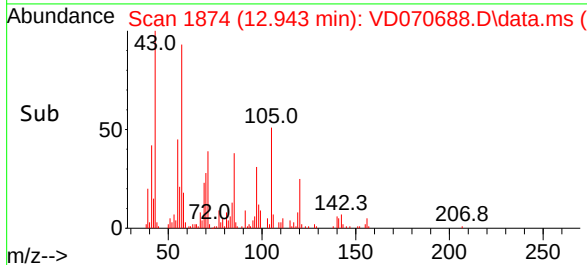
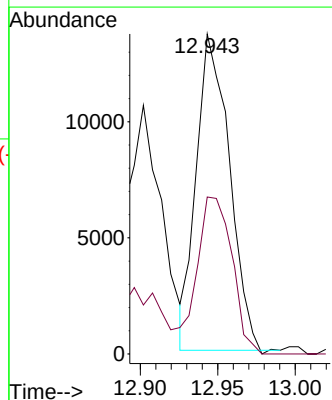
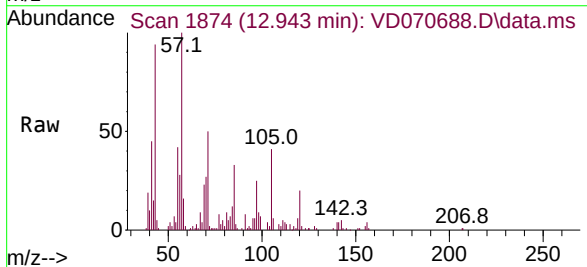
Instrument :
MSVOA_D
ClientSampleId :
31123

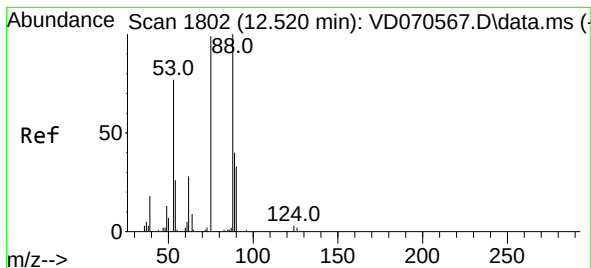
Tgt Ion: 91 Resp: 2425
Ion Ratio Lower Upper
91 100
126 8.9 16.2 48.6#



#80
1,3,5-Trimethylbenzene
Concen: 25.277 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 105 Resp: 20153
Ion Ratio Lower Upper
105 100
120 53.9 24.4 73.2

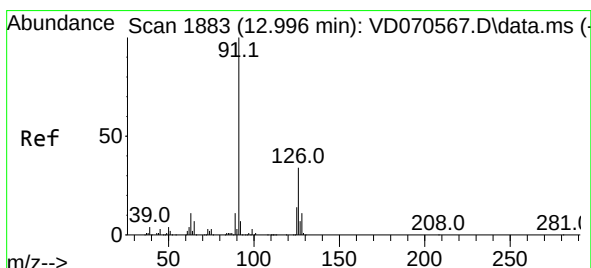
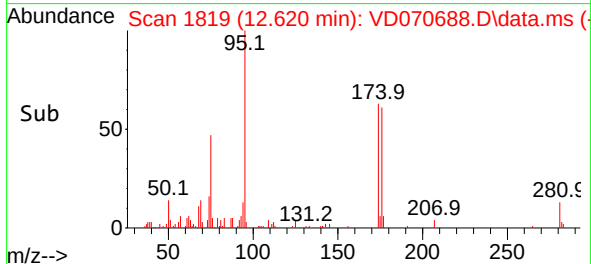
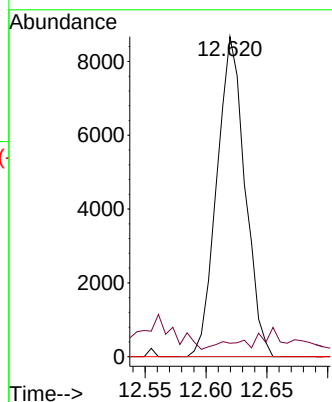
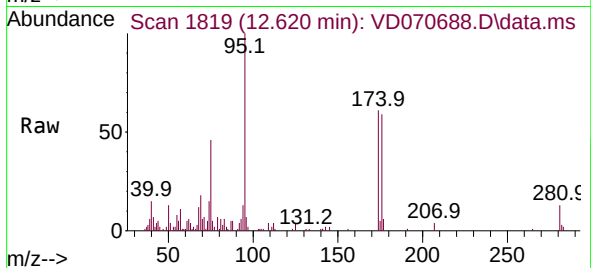




#81
trans-1,4-Dichloro-2-butene
Concen: 267.369 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

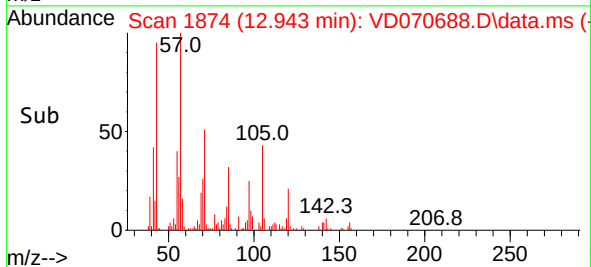
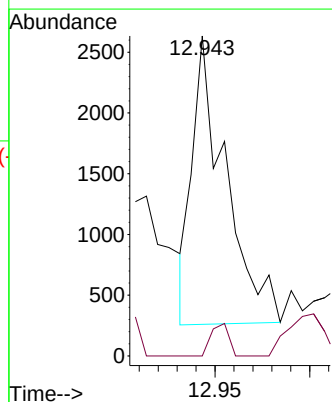
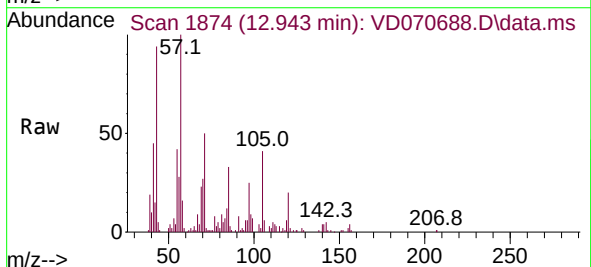
Instrument :
MSVOA_D
ClientSampleId :
31123

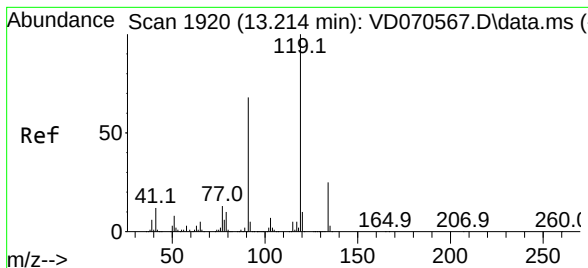
Tgt Ion: 75 Resp: 13977
Ion Ratio Lower Upper
75 100
53 1.0 64.5 96.7#
89 0.0 35.3 52.9#



#82
4-Chlorotoluene
Concen: 4.000 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.053 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 91 Resp: 2902
Ion Ratio Lower Upper
91 100
126 6.0 16.2 48.6#

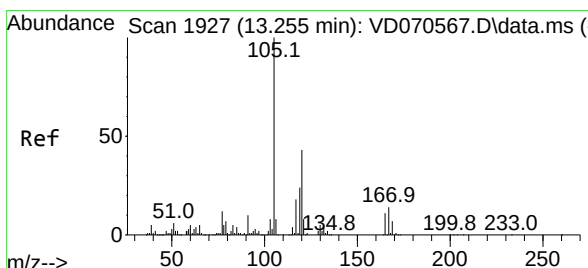
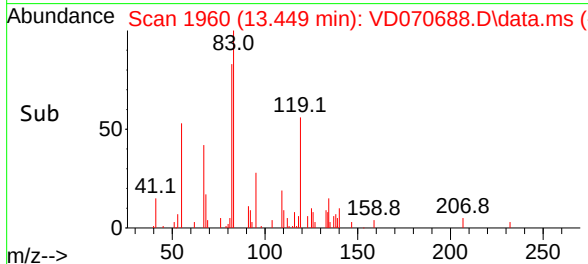
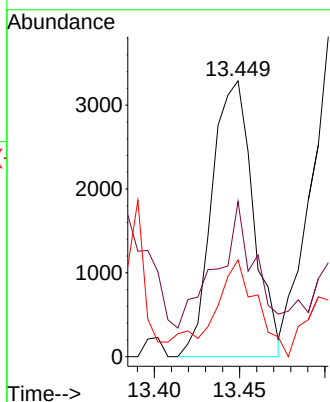
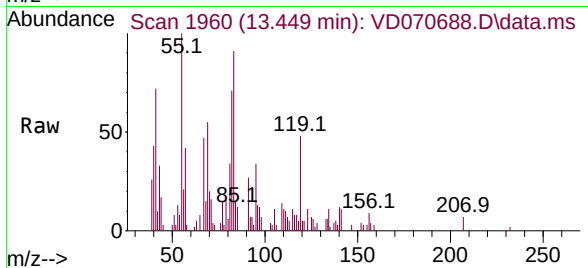




#83
tert-Butylbenzene
Concen: 8.392 ug/l
RT: 13.449 min Scan# 1960
Delta R.T. 0.235 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

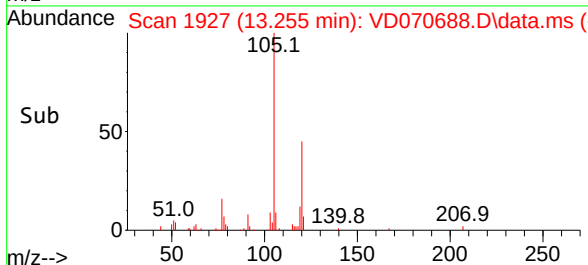
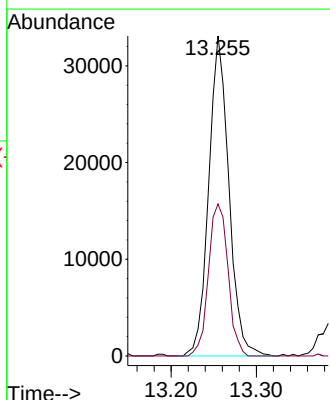
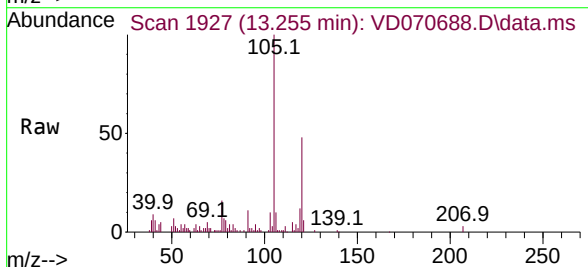
Instrument :
MSVOA_D
ClientSampleId :
31123

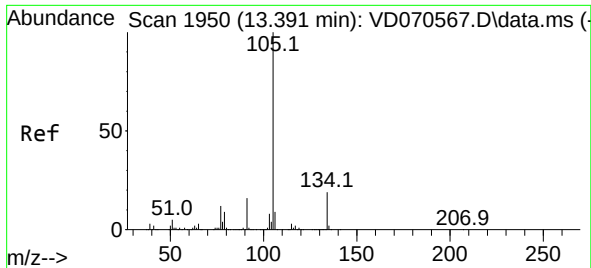
Tgt Ion:119 Resp: 5530
Ion Ratio Lower Upper
119 100
91 40.5 33.1 99.3
134 37.3 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 68.614 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion:105 Resp: 54431
Ion Ratio Lower Upper
105 100
120 46.0 21.9 65.8

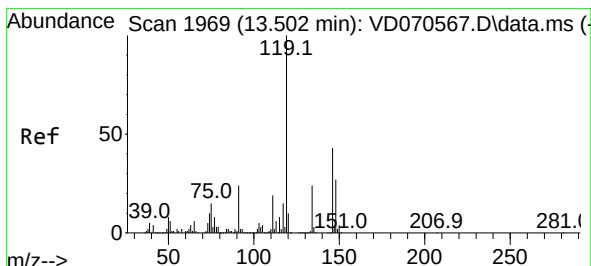
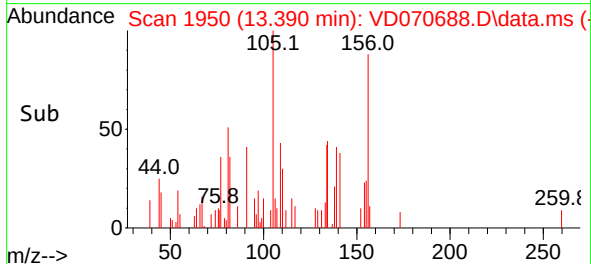
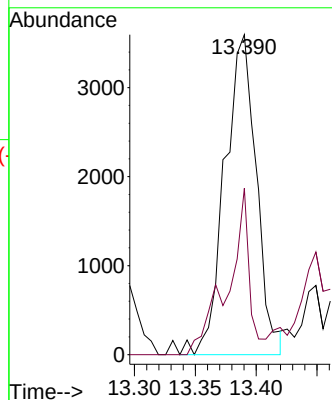
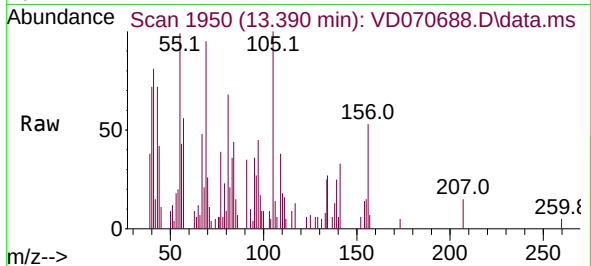




#85
 sec-Butylbenzene
 Concen: 6.360 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070688.D
 Acq: 12 Oct 2021 19:24

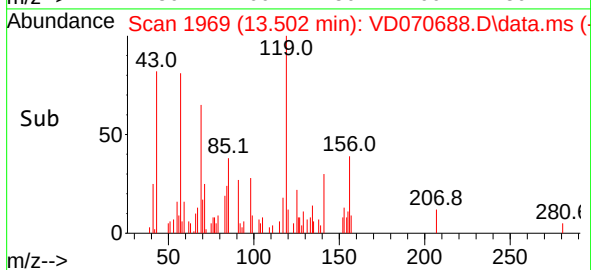
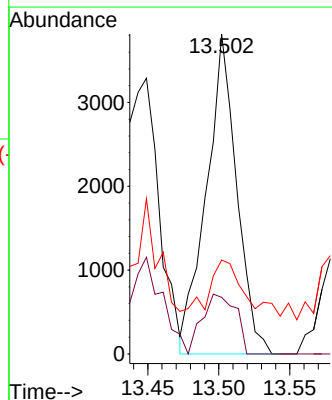
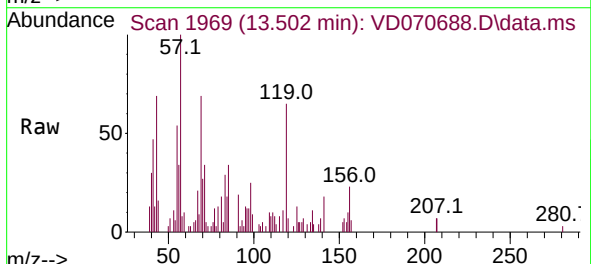
Instrument :
 MSVOA_D
 ClientSampled :
 31123

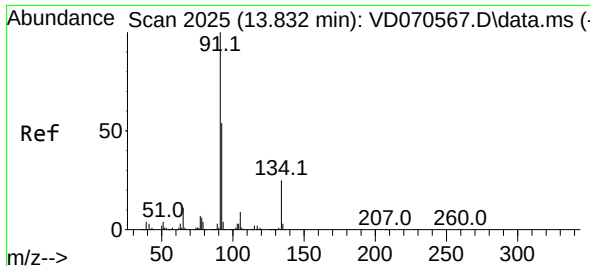
Tgt Ion:105 Resp: 6497
 Ion Ratio Lower Upper
 105 100
 134 36.1 9.3 28.0#



#86
 p-Isopropyltoluene
 Concen: 6.779 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD070688.D
 Acq: 12 Oct 2021 19:24

Tgt Ion:119 Resp: 5656
 Ion Ratio Lower Upper
 119 100
 134 20.6 12.5 37.5
 91 19.4 11.9 35.5

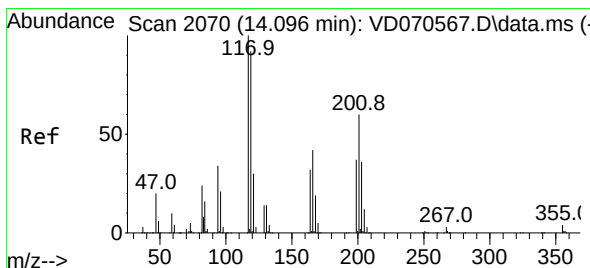
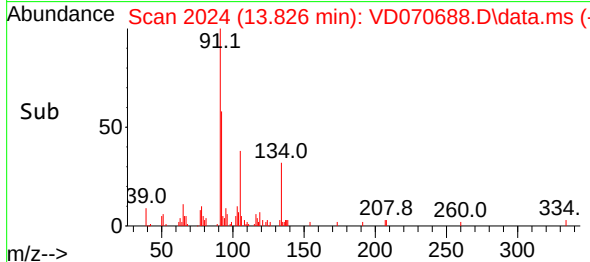
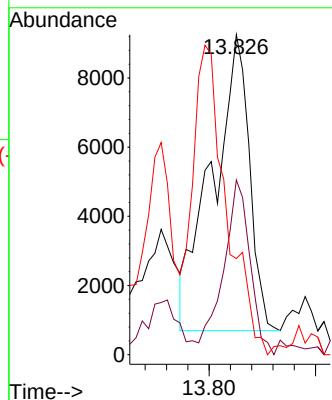
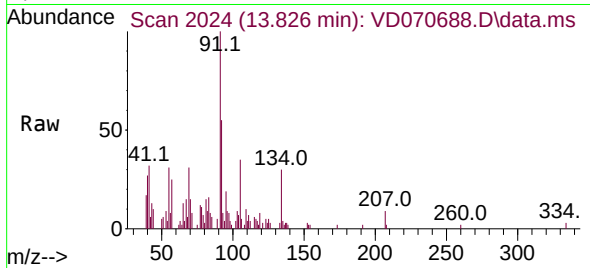




#89
n-Butylbenzene
Concen: 26.027 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.006 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

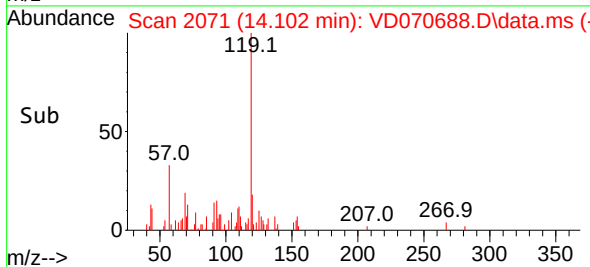
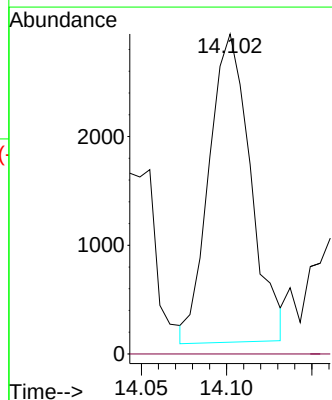
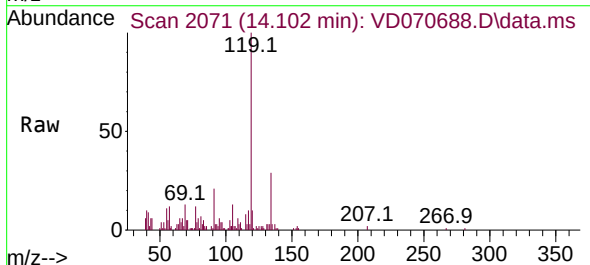
Instrument :
MSVOA_D
ClientSampleId :
31123

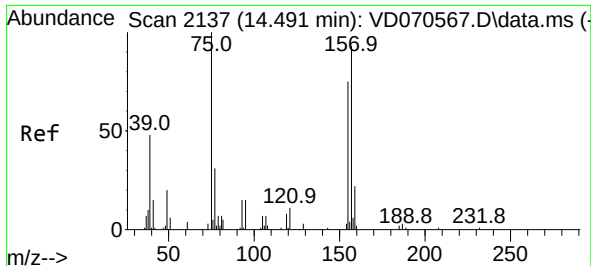
Tgt Ion: 91 Resp: 20730
Ion Ratio Lower Upper
91 100
92 41.9 26.8 80.4
134 0.0 12.2 36.4#



#90
Hexachloroethane
Concen: 26.609 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 117 Resp: 4800
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.9#

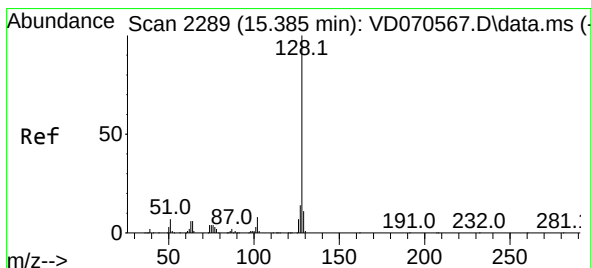
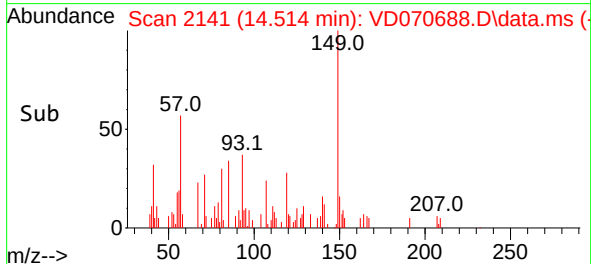
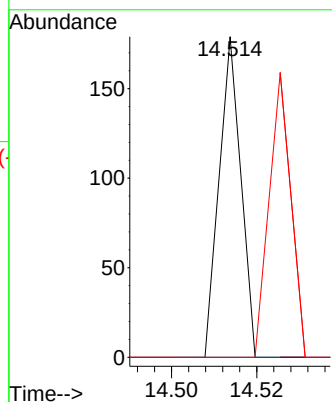
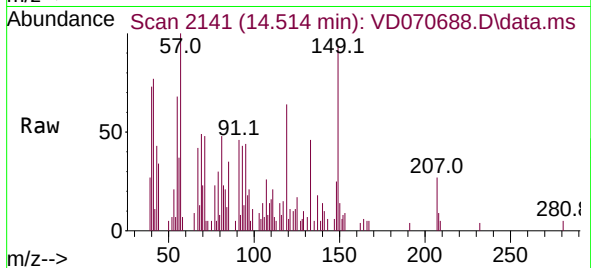




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.387 ug/l
RT: 14.514 min Scan# 2141
Delta R.T. 0.023 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

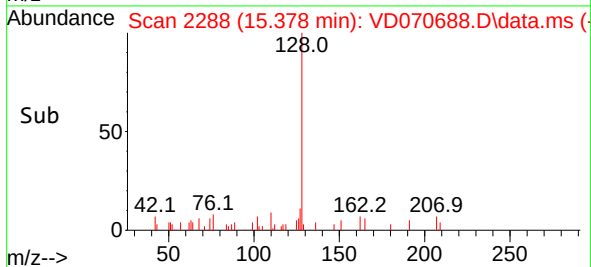
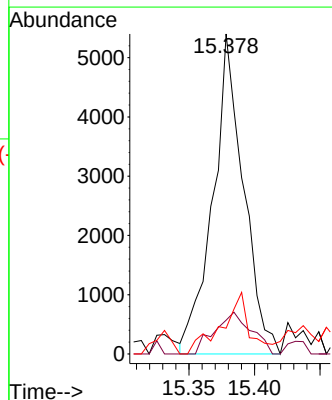
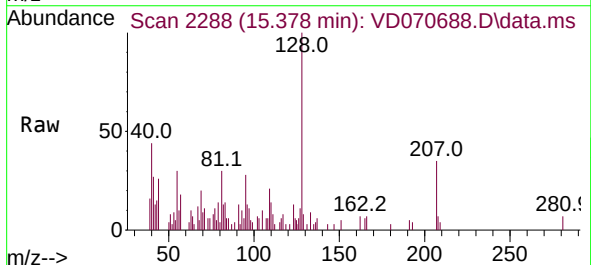
Instrument :
MSVOA_D
ClientSampled :
31123

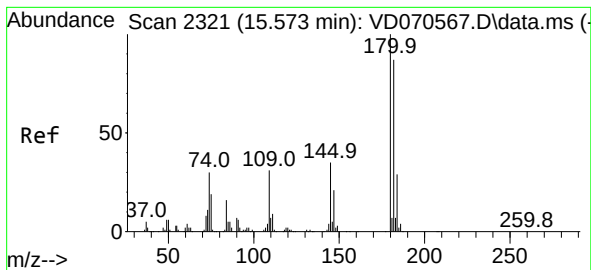
Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
155 0.0 38.1 114.5#
157 88.9 47.6 142.9



#95
Naphthalene
Concen: 22.917 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. -0.007 min
Lab File: VD070688.D
Acq: 12 Oct 2021 19:24

Tgt Ion: 128 Resp: 8742
Ion Ratio Lower Upper
128 100
127 15.6 10.9 16.3
129 17.6 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.201 ug/l
 RT: 15.584 min Scan# 2323
 Delta R.T. 0.011 min
 Lab File: VD070688.D
 Acq: 12 Oct 2021 19:24

Instrument :
 MSVOA_D
 ClientSampleId :
 31123

Tgt Ion:180 Resp: 568
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.2 138.5#
 145 128.2 17.1 51.3#

