

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071025.D
 Acq On : 15 Nov 2021 13:25
 Operator : VA/SY
 Sample : M4582-06RE
 Misc : 6.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 14:38:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

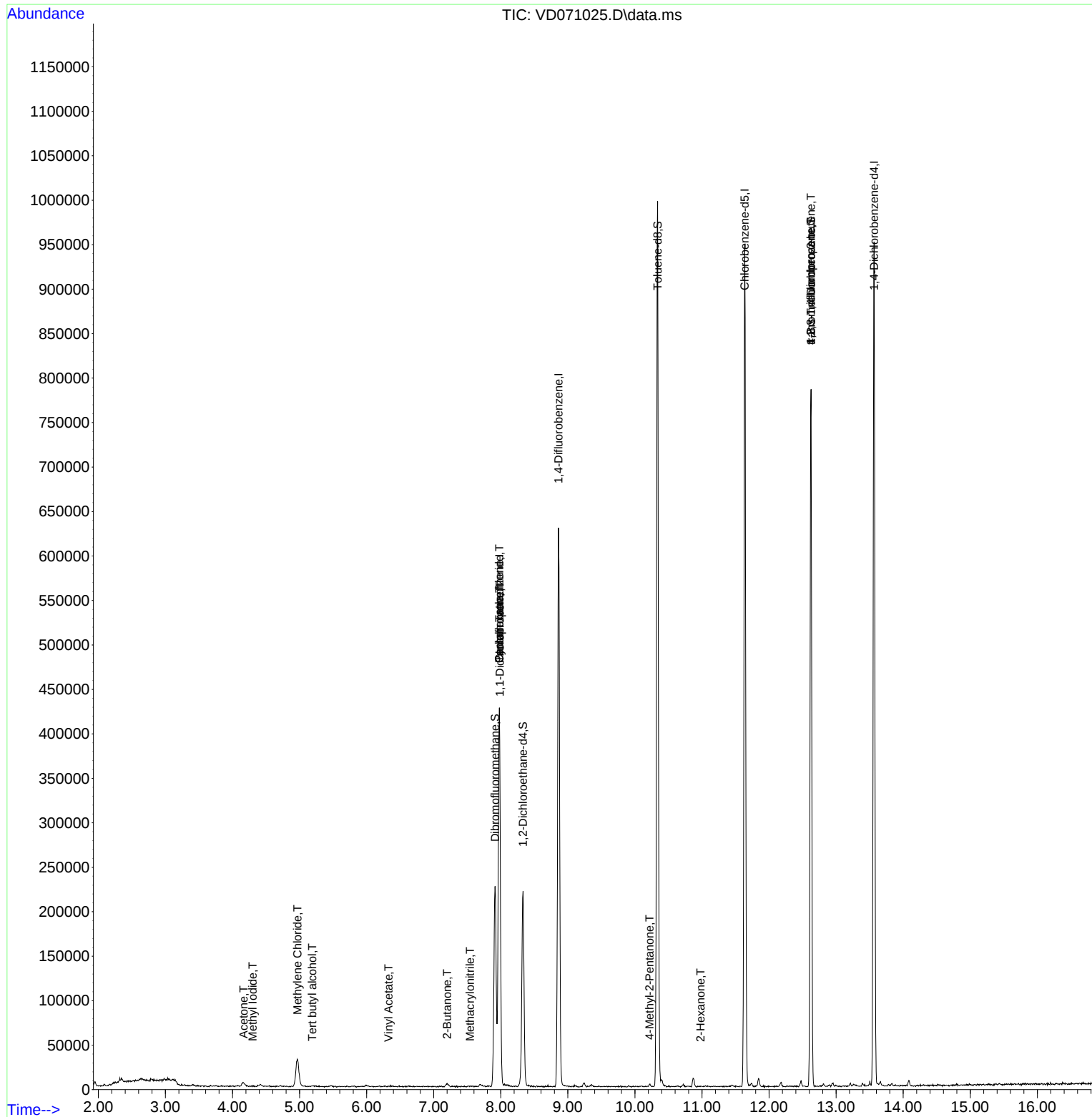
Internal Standards						
1) Pentafluorobenzene	7.979	168	299068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	516545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	504001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	234545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	171285	53.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.580%	
35) Dibromofluoromethane	7.914	113	158519	54.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.760%	
50) Toluene-d8	10.338	98	652796	57.188	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.380%	
62) 4-Bromofluorobenzene	12.626	95	243692	59.292	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.580%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	135	6.056	ug/l #	40
11) Tert butyl alcohol	5.191	59	499	2.144	ug/l #	71
16) Acetone	4.167	43	9306	29.761	ug/l #	86
20) Methylene Chloride	4.967	84	22313	5.788	ug/l #	77
23) Vinyl Acetate	6.326	43	170	21.007	ug/l #	72
25) 2-Butanone	7.203	43	324	20.635	ug/l #	45
31) Cyclohexane	7.979	56	8696	1.328	ug/l #	17
36) 1,1-Dichloropropene	7.985	75	26948	5.843	ug/l #	49
38) Carbon Tetrachloride	7.979	117	32476	7.647	ug/l #	15
41) Methacrylonitrile	7.544	41	101	3.567	ug/l #	25
51) 4-Methyl-2-Pentanone	10.220	43	2201	1.019	ug/l #	76
59) 2-Hexanone	10.979	43	510	16.218	ug/l #	37
76) 1,2,3-Trichloropropane	12.626	75	135305	67.535	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	135305	124.719	ug/l #	18

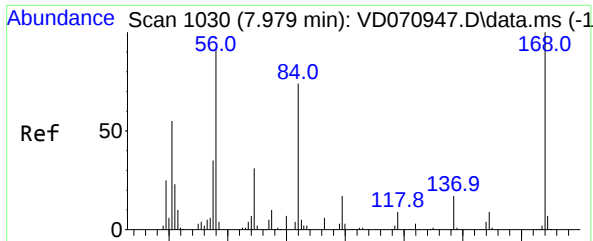
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071025.D
Acq On : 15 Nov 2021 13:25
Operator : VA/SY
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ClientSampleId :

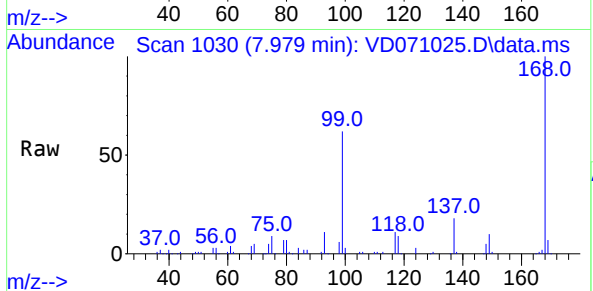
Quant Time: Nov 15 14:38:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration



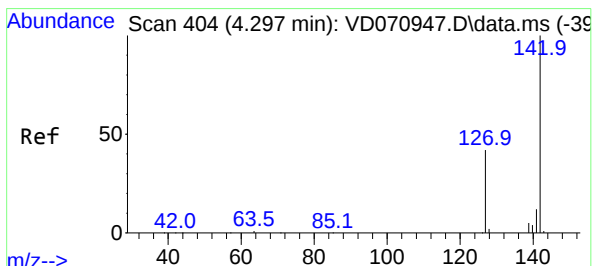
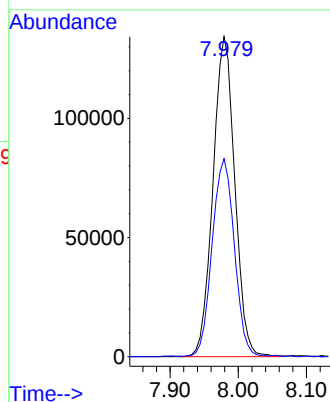
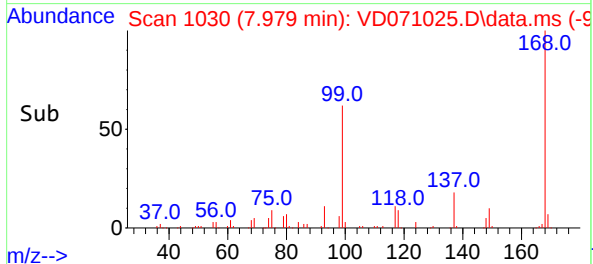


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

Instrument :
MSVOA_D
ClientSampleId :

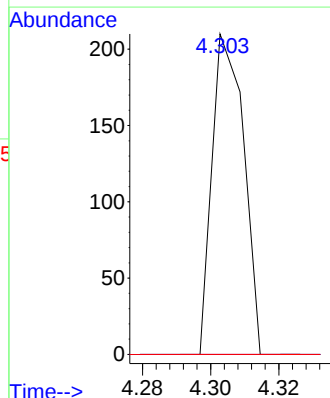
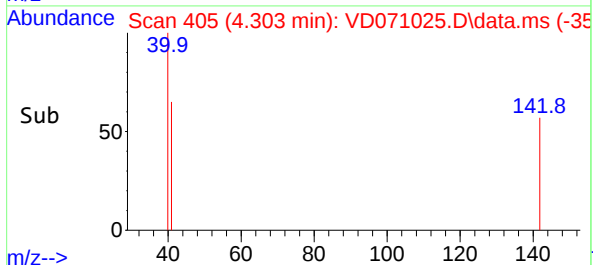
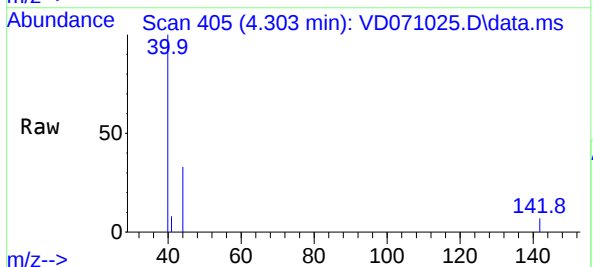


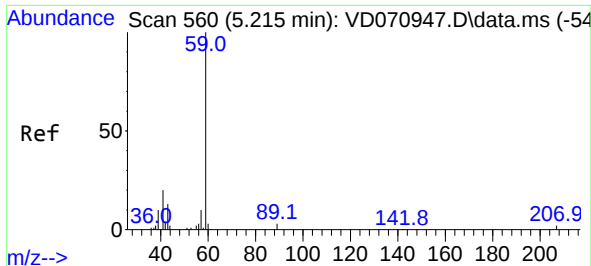
Tgt Ion:168 Resp: 299068
Ion Ratio Lower Upper
168 100
99 61.6 46.6 69.8



#10
Methyl Iodide
Concen: 6.056 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

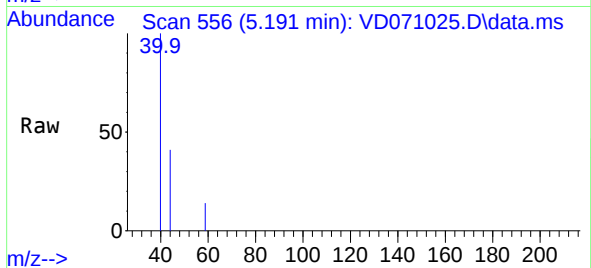
Tgt Ion:142 Resp: 135
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#



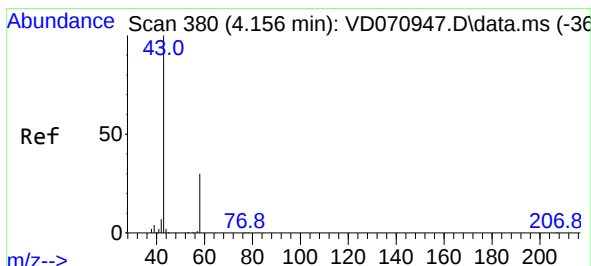
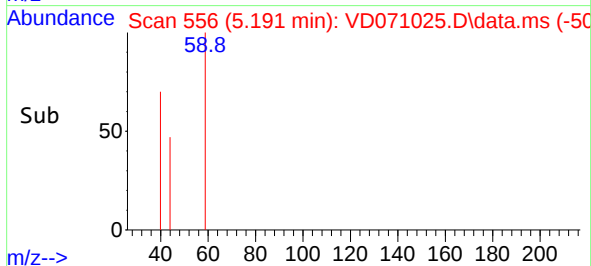
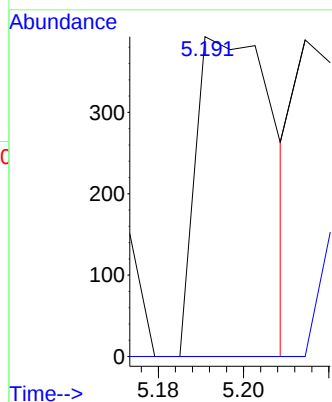


#11
Tert butyl alcohol
Concen: 2.144 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

Instrument :
MSVOA_D
ClientSampleId :

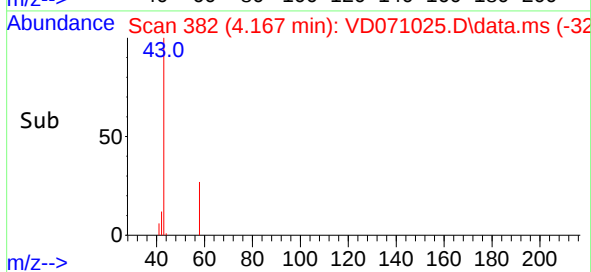
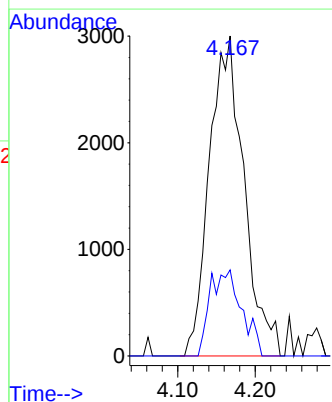
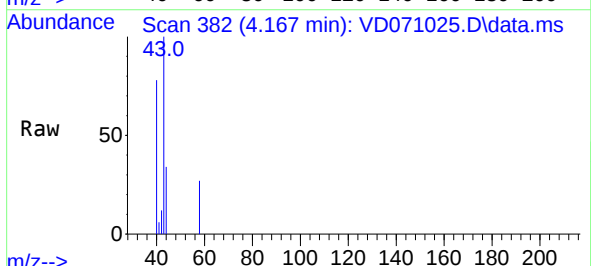


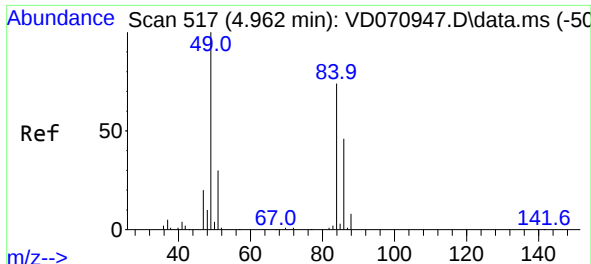
Tgt Ion: 59 Resp: 499
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#16
Acetone
Concen: 29.761 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

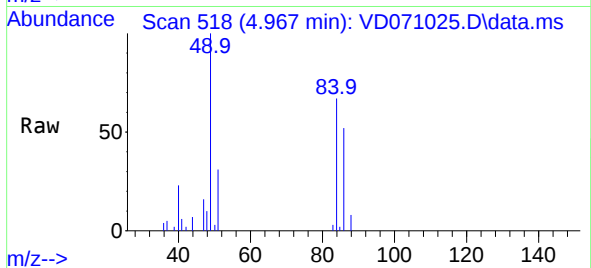
Tgt Ion: 43 Resp: 9306
Ion Ratio Lower Upper
43 100
58 26.9 27.8 41.8#



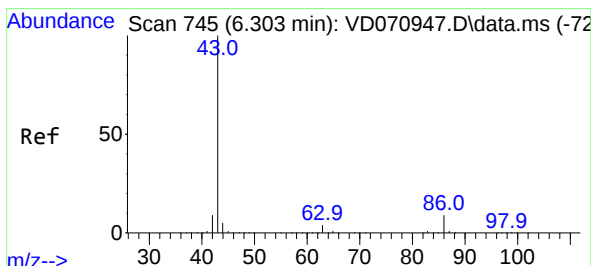
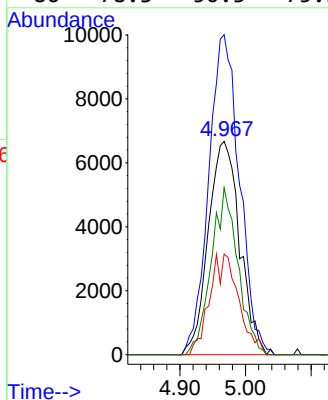
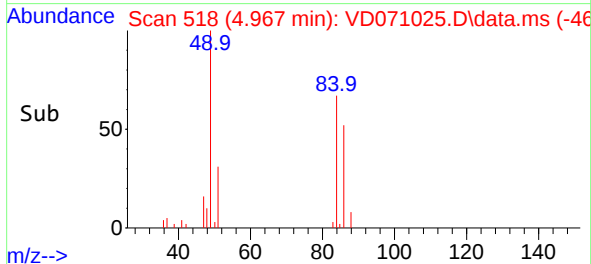


#20
Methylene Chloride
Concen: 5.788 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

Instrument :
MSVOA_D
ClientSampleId :

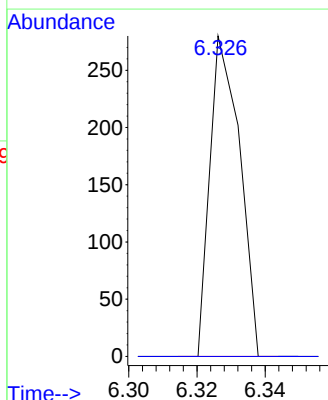
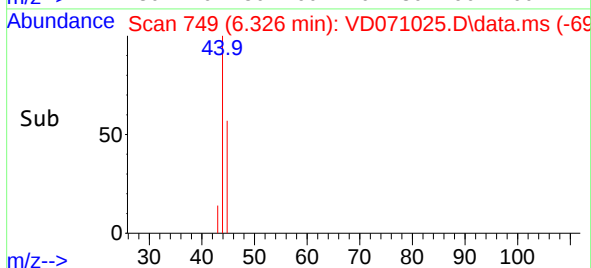
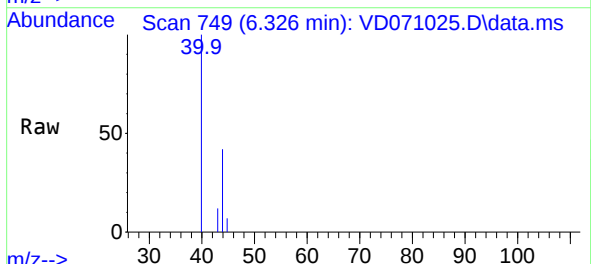


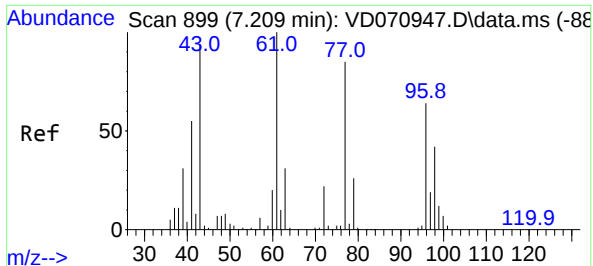
Tgt Ion: 84 Resp: 22313
Ion Ratio Lower Upper
84 100
49 150.0 95.8 143.6#
51 47.2 30.9 46.3#
86 78.3 50.3 75.5#



#23
Vinyl Acetate
Concen: 21.007 ug/l
RT: 6.326 min Scan# 749
Delta R.T. 0.023 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

Tgt Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#

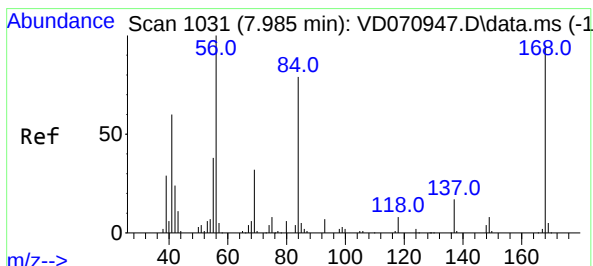
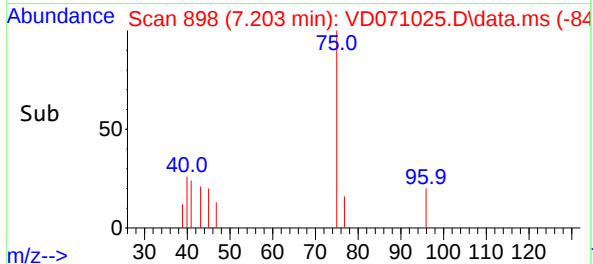
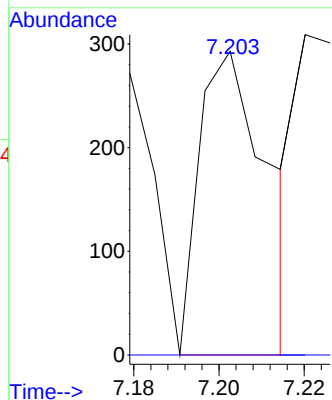
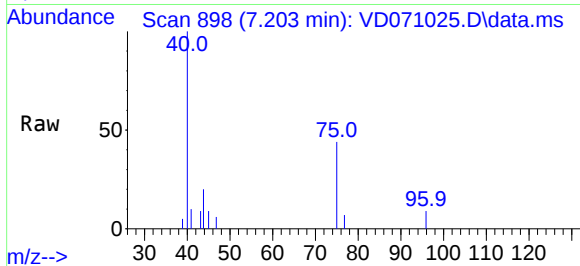




#25
2-Butanone
Concen: 20.635 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

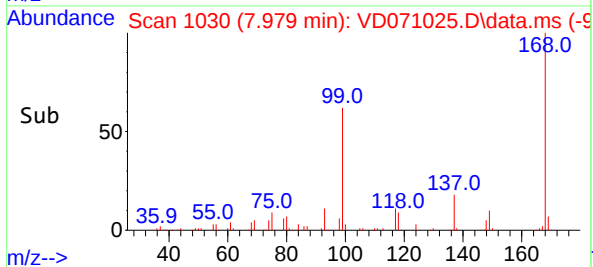
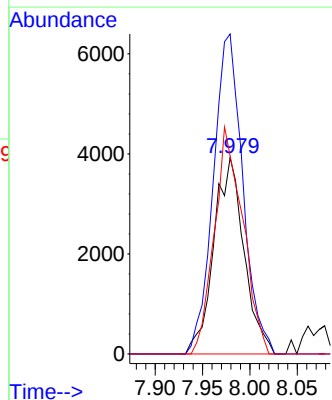
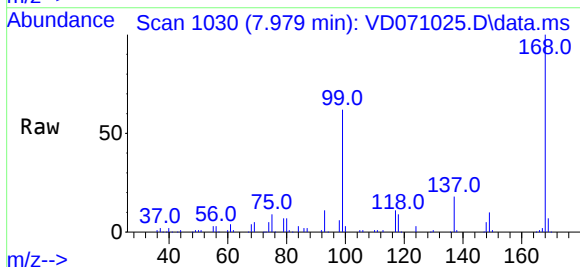
Instrument :
MSVOA_D
ClientSampleId :

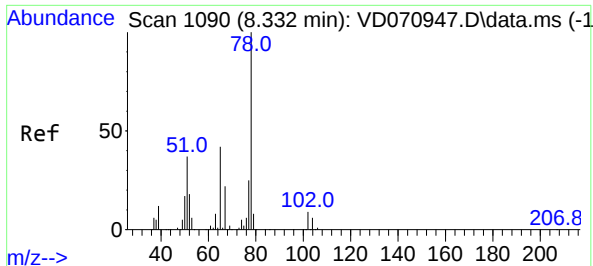
Tgt Ion: 43 Resp: 324
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.328 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

Tgt Ion: 56 Resp: 8696
Ion Ratio Lower Upper
56 100
69 163.0 25.9 38.9#
84 100.9 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 53.792 ug/l

RT: 8.332 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD071025.D

Acq: 15 Nov 2021 13:25

Instrument :

MSVOA_D

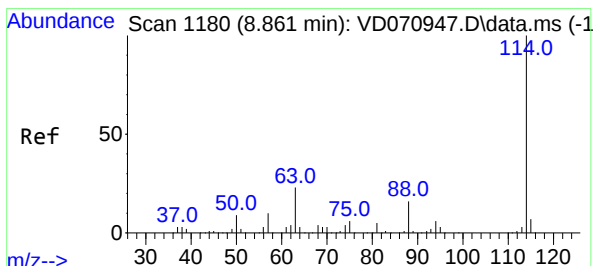
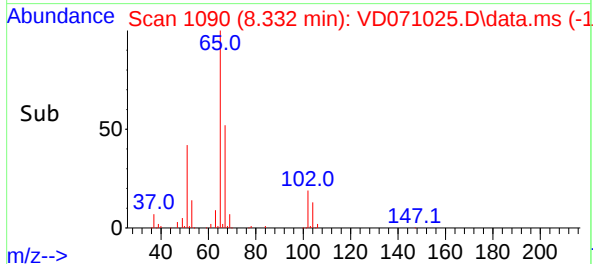
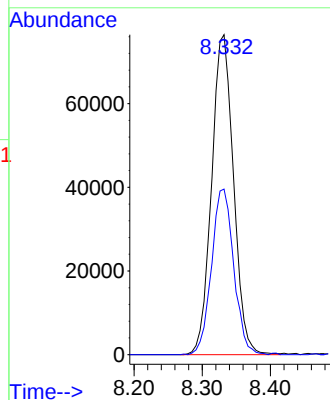
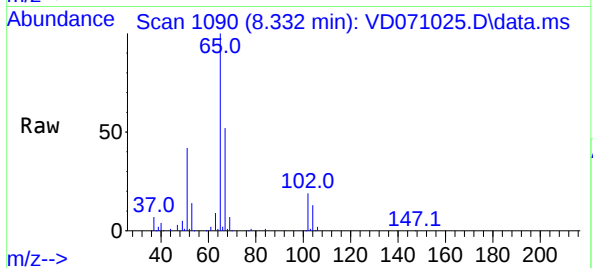
ClientSampleId :

Tgt Ion: 65 Resp: 171285

Ion Ratio Lower Upper

65 100

67 52.4 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: VD071025.D

Acq: 15 Nov 2021 13:25

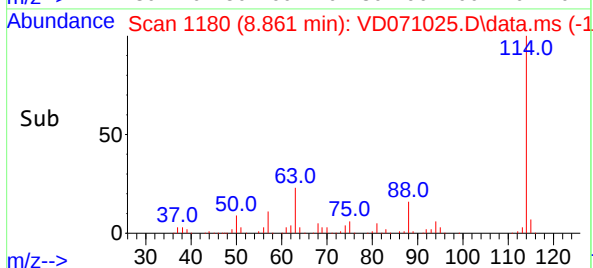
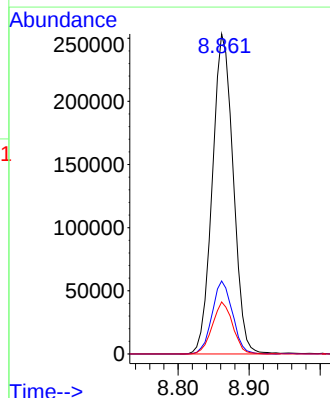
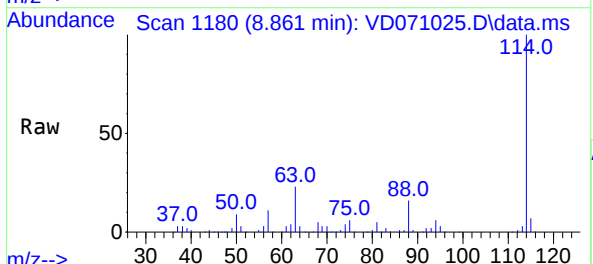
Tgt Ion: 114 Resp: 516545

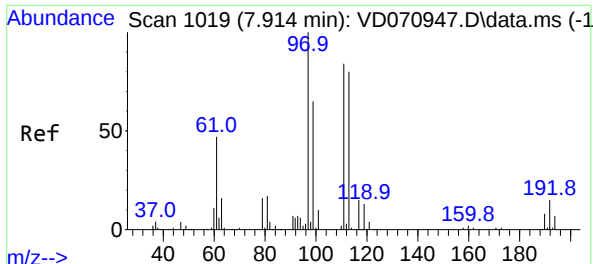
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

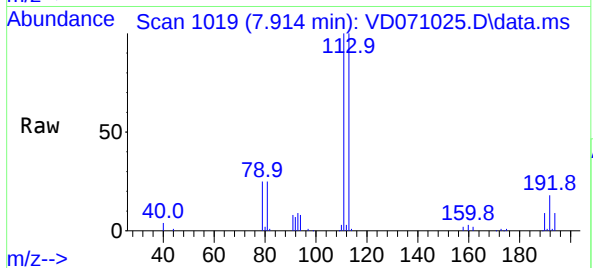
88 16.3 0.0 32.8



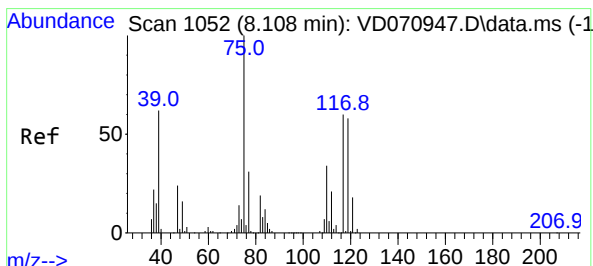
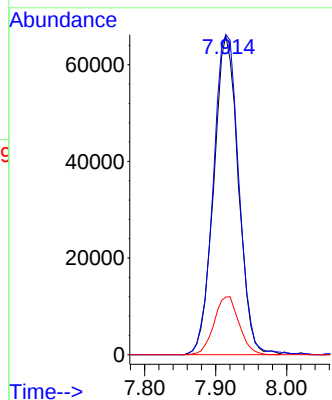
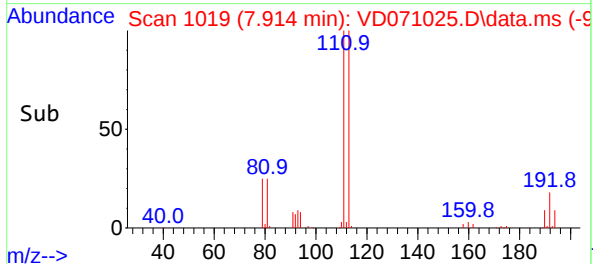


#35
Dibromofluoromethane
Concen: 54.385 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

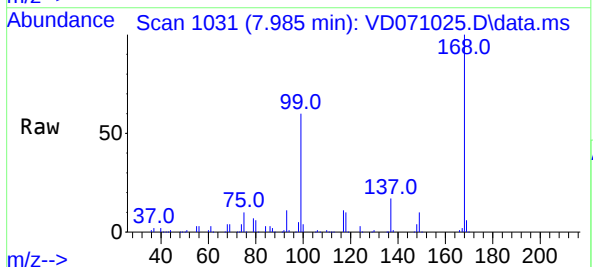
Instrument :
MSVOA_D
ClientSampleId :



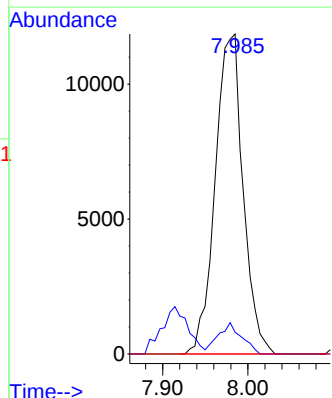
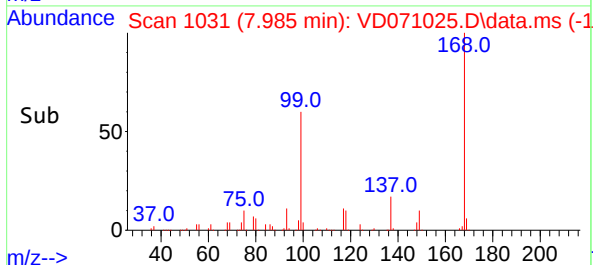
Tgt Ion:113 Resp: 158519
Ion Ratio Lower Upper
113 100
111 104.3 82.0 123.0
192 18.4 15.2 22.8

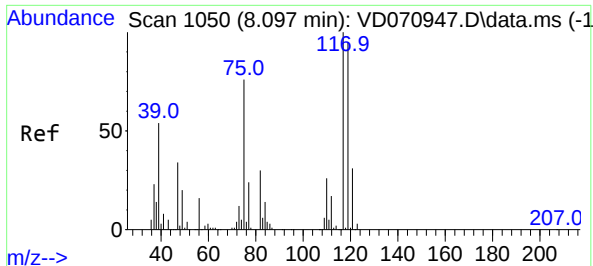


#36
1,1-Dichloropropene
Concen: 5.843 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.123 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25



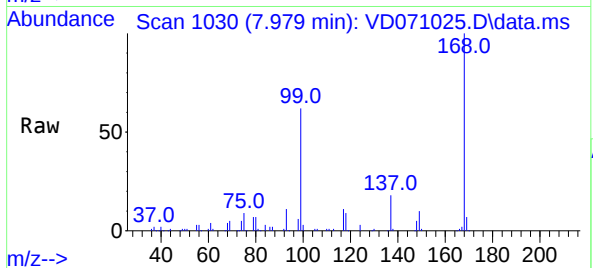
Tgt Ion: 75 Resp: 26948
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.4#
77 0.0 24.8 37.2#



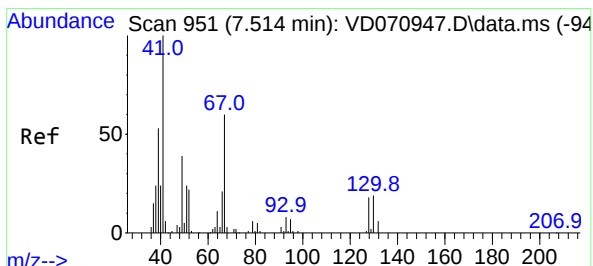
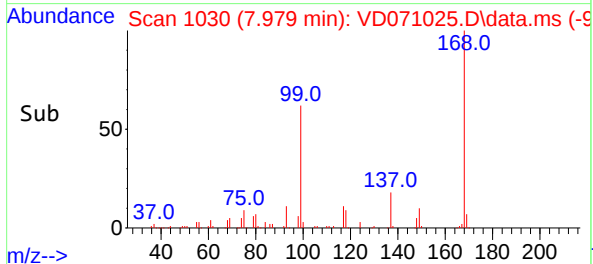
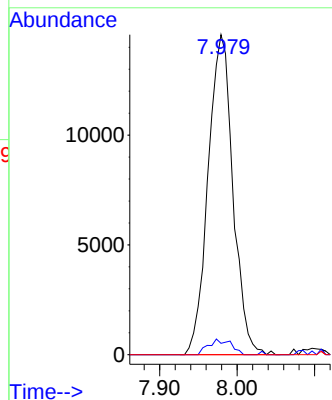


#38
Carbon Tetrachloride
Concen: 7.647 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

Instrument :
MSVOA_D
ClientSampleId :

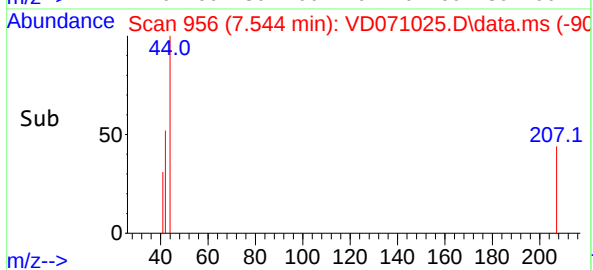
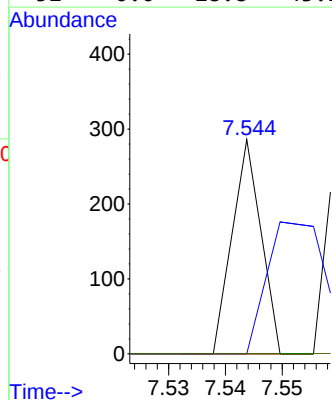
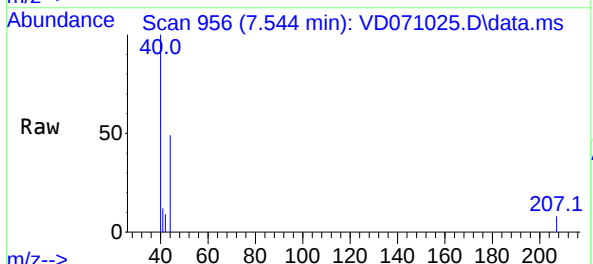


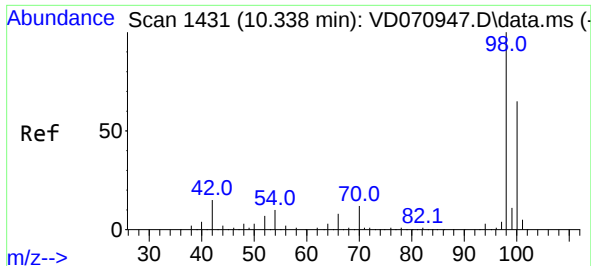
Tgt Ion:117 Resp: 32476
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 23.6 35.4#



#41
Methacrylonitrile
Concen: 3.567 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.030 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

Tgt Ion: 41 Resp: 101
Ion Ratio Lower Upper
41 100
39 120.8 60.2 90.4#
67 0.0 74.8 112.2#
52 0.0 28.8 43.2#

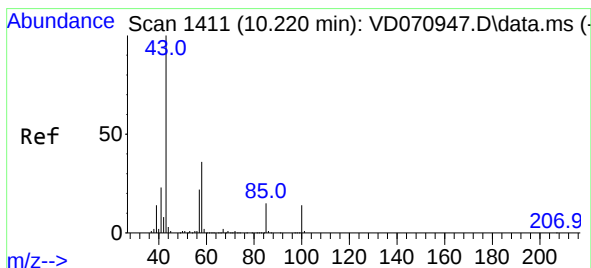
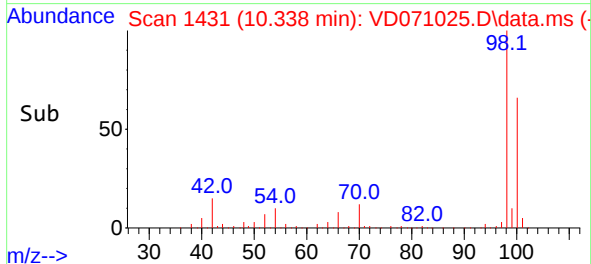
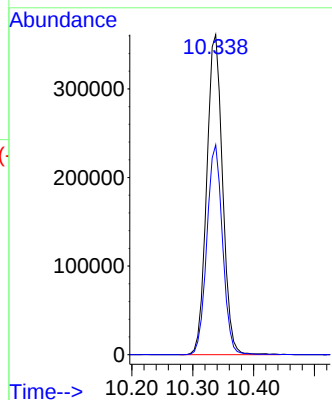
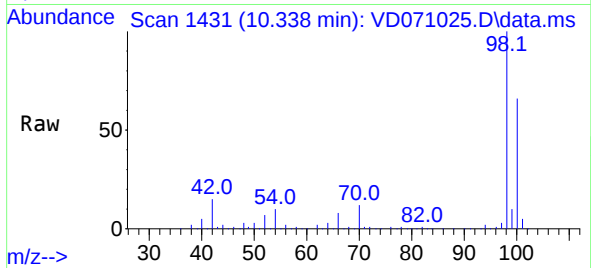




#50
Toluene-d8
Concen: 57.188 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

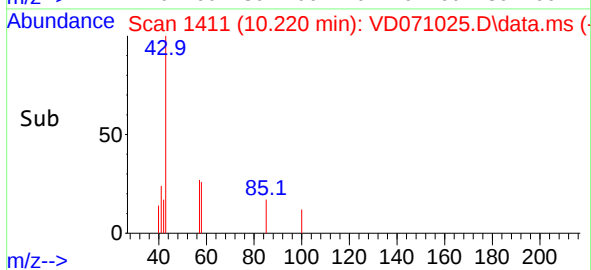
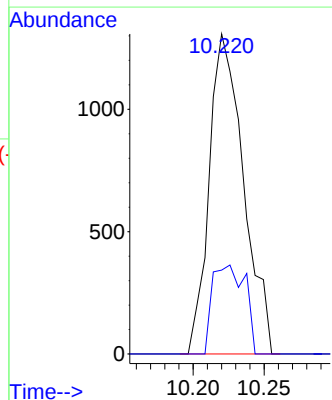
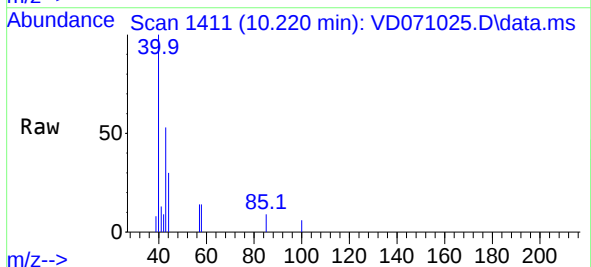
Instrument :
MSVOA_D
ClientSampleId :

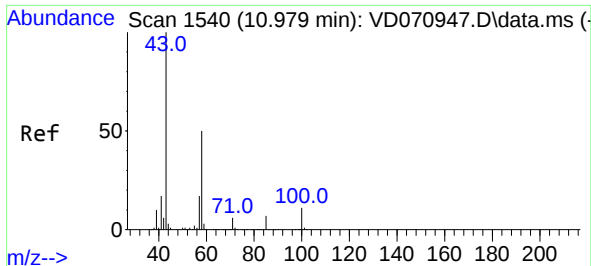
Tgt Ion: 98 Resp: 652796
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.019 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
58 26.4 33.1 49.7#

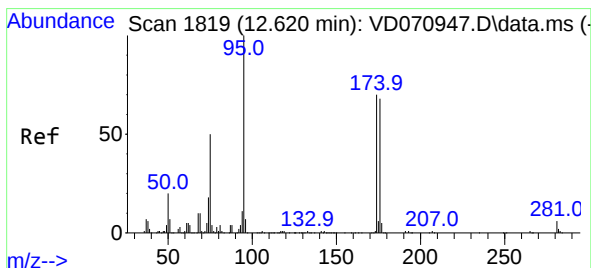
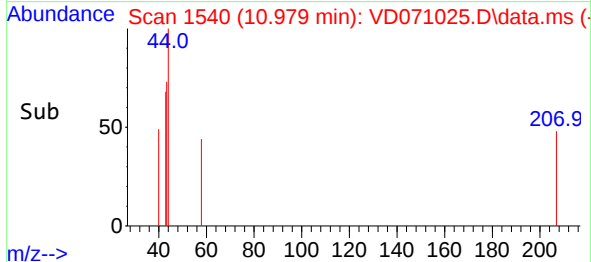
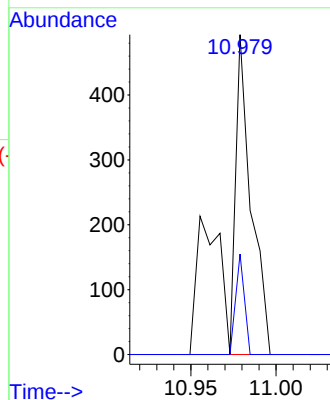
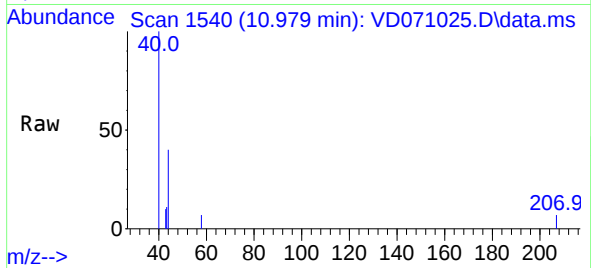




#59
2-Hexanone
Concen: 16.218 ug/l
RT: 10.979 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

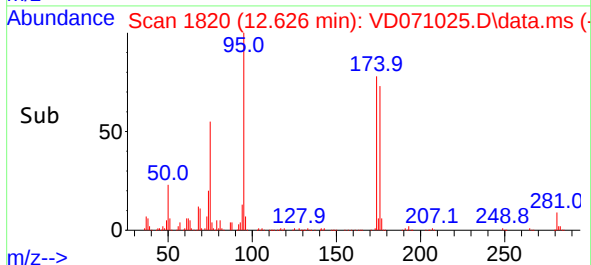
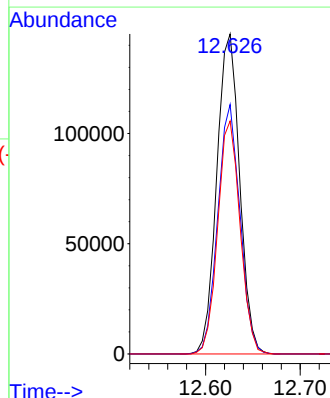
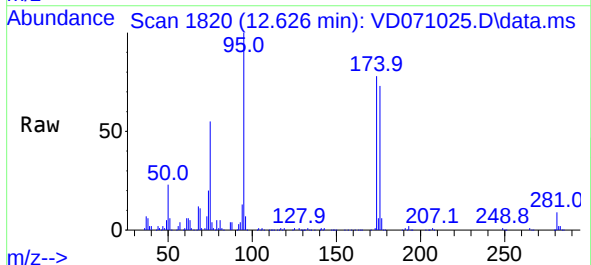
Instrument :
MSVOA_D
ClientSampleId :

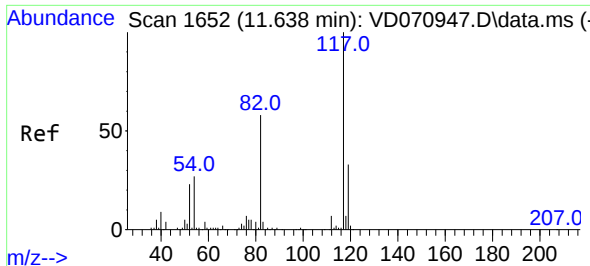
Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 10.8 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 59.292 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

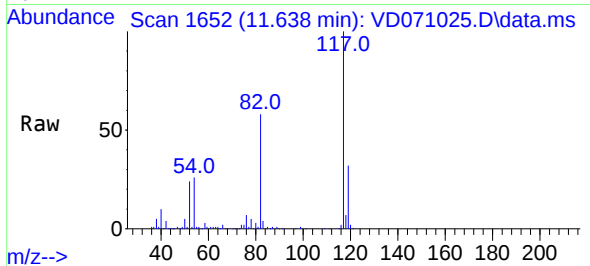
Tgt Ion: 95 Resp: 243692
Ion Ratio Lower Upper
95 100
174 75.8 0.0 159.4
176 71.2 0.0 154.0



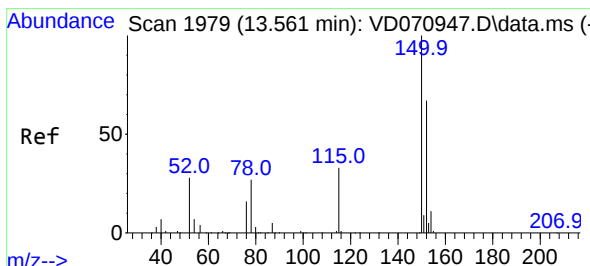
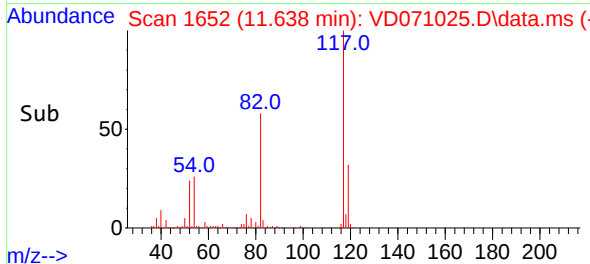
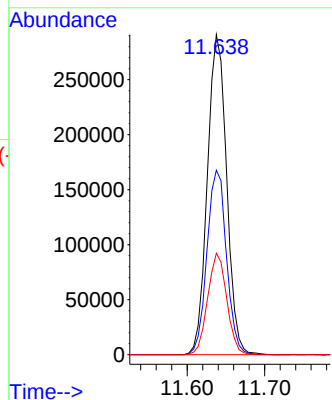


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

Instrument :
MSVOA_D
ClientSampleId :

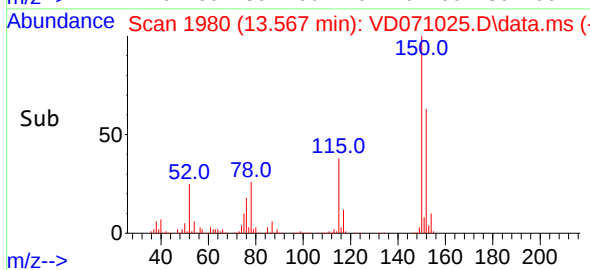
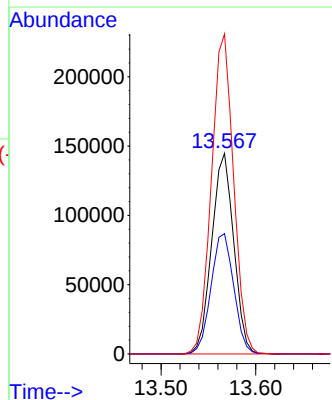
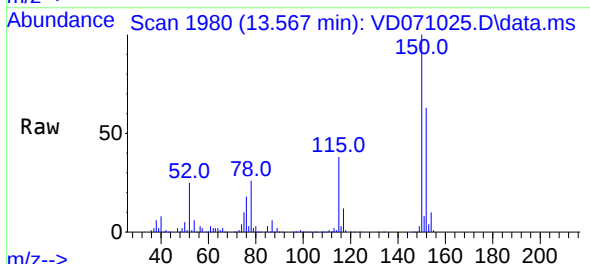


Tgt Ion:117 Resp: 504001
Ion Ratio Lower Upper
117 100
82 57.7 44.7 67.1
119 31.7 26.2 39.4

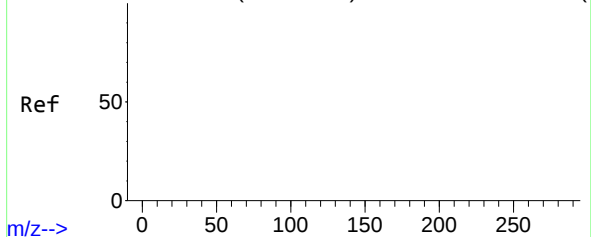


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

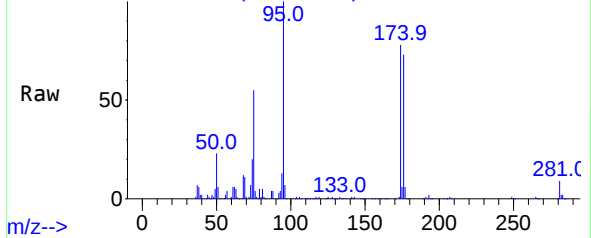
Tgt Ion:152 Resp: 234545
Ion Ratio Lower Upper
152 100
115 62.0 29.8 89.3
150 160.1 0.0 349.2



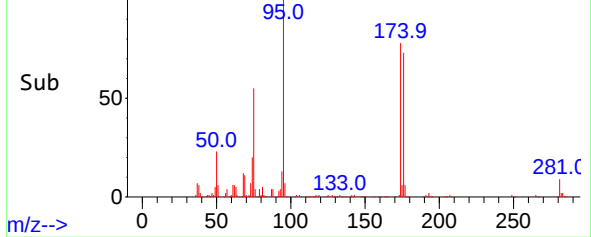
Abundance Scan 1847 (12.785 min): VD070947.D\data.ms (-



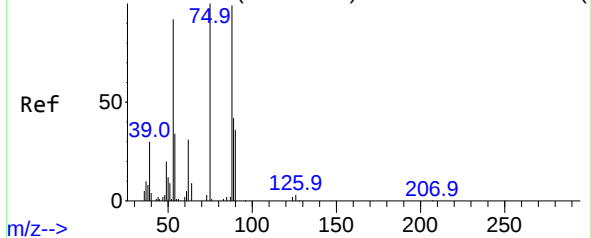
Abundance Scan 1820 (12.626 min): VD071025.D\data.ms (-



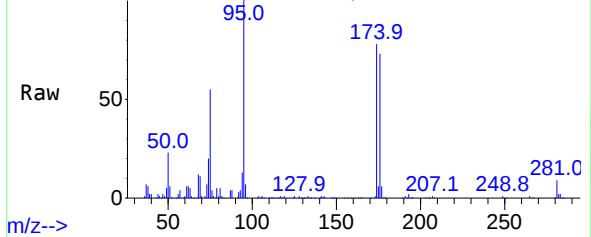
Abundance Scan 1820 (12.626 min): VD071025.D\data.ms (-



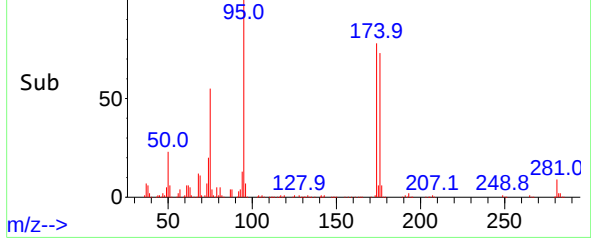
Abundance Scan 1801 (12.514 min): VD070947.D\data.ms (-



Abundance Scan 1820 (12.626 min): VD071025.D\data.ms (-



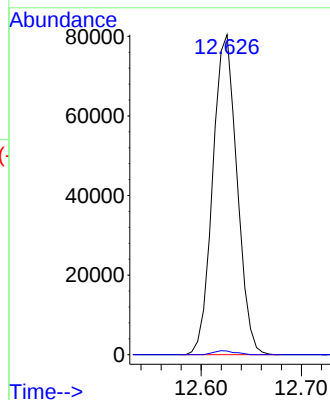
Abundance Scan 1820 (12.626 min): VD071025.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 67.535 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.159 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 135305
Ion Ratio Lower Upper
75 100
77 1.1 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.719 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD071025.D
Acq: 15 Nov 2021 13:25

Tgt Ion: 75 Resp: 135305
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.1 34.5 51.7#

