

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074498.D
 Acq On : 10 Oct 2022 13:07
 Operator : VA/SY
 Sample : VD1010SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1010SBL01

Quant Time: Oct 11 08:20:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

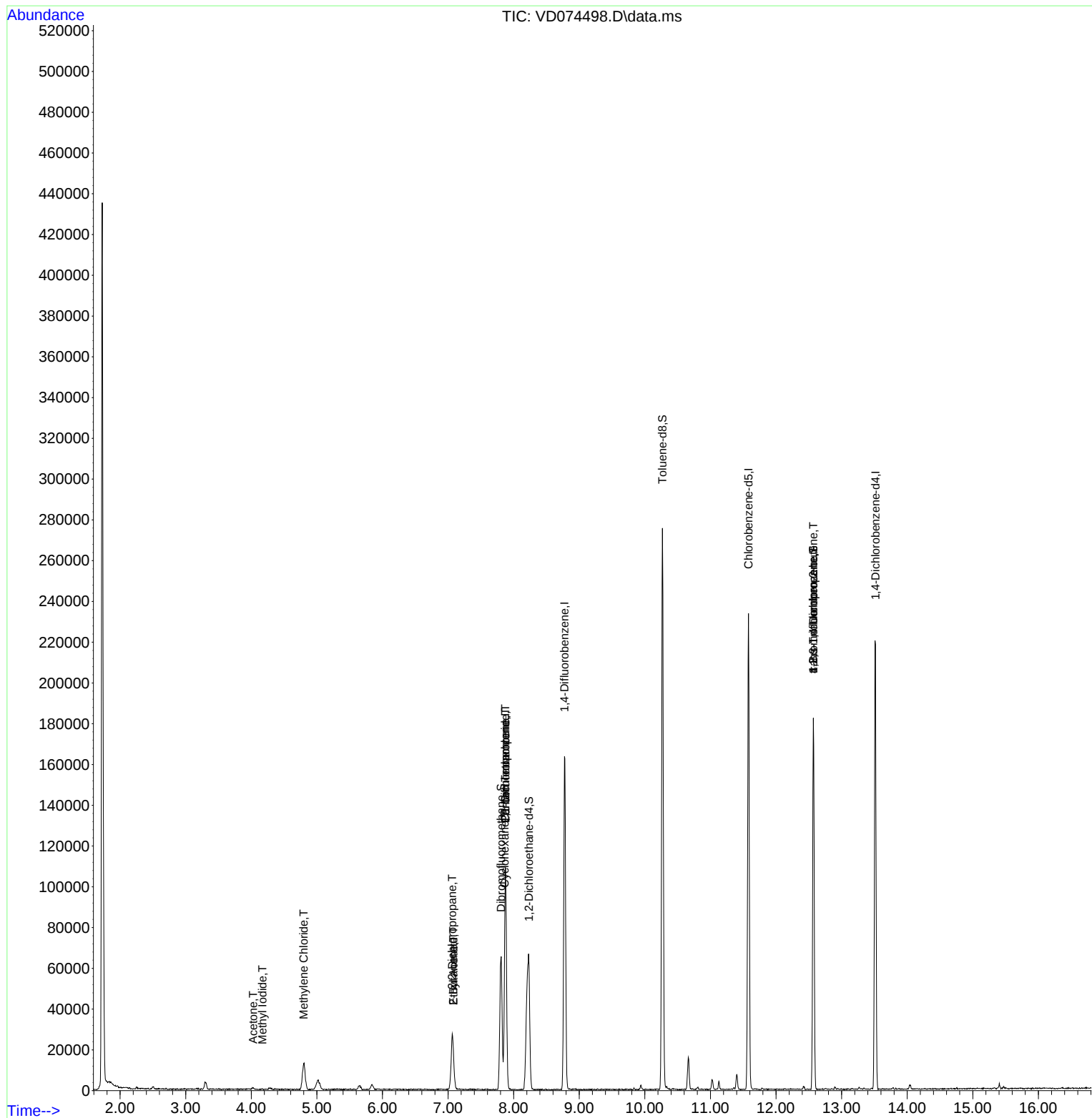
Internal Standards						
1) Pentafluorobenzene	7.875	168	86175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	157165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	140942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44009	57.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.960%
35) Dibromofluoromethane	7.810	113	49991	48.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.480%
50) Toluene-d8	10.269	98	197849	52.183	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.360%
62) 4-Bromofluorobenzene	12.569	95	54174	45.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.580%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	217	5.962	ug/l #	43
11) Tert butyl alcohol	5.022	59	4605	Below Cal	#	84
16) Acetone	4.028	43	1112	16.992	ug/l #	37
20) Methylene Chloride	4.799	84	11184	4.777	ug/l	93
25) 2-Butanone	7.081	43	1394	6.348	ug/l #	42
26) 2,2-Dichloropropane	7.063	77	2099	1.382	ug/l #	50
31) Cyclohexane	7.863	56	1667	1.084	ug/l #	43
36) 1,1-Dichloropropene	7.875	75	6523	4.484	ug/l #	43
37) Ethyl Acetate	7.081	43	1394	2.918	ug/l #	26
38) Carbon Tetrachloride	7.875	117	8221	6.377	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	27761	57.630	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	27761	128.578	ug/l #	17

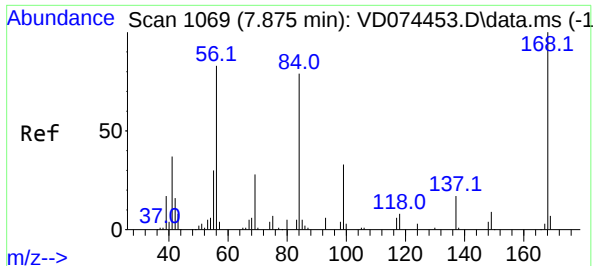
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

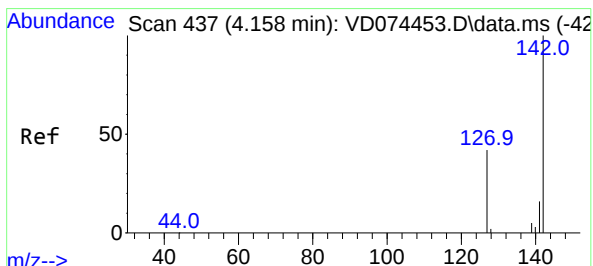
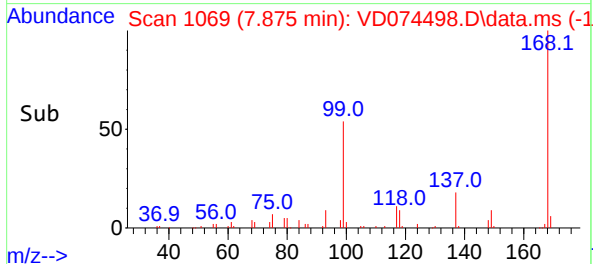
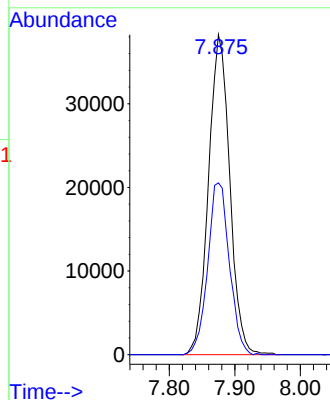
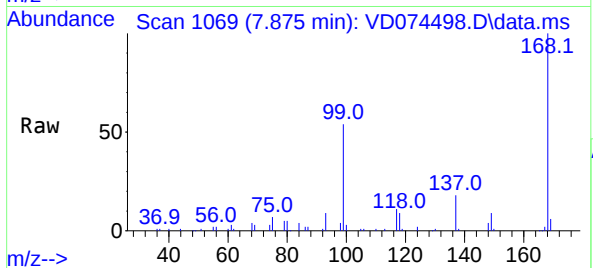




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

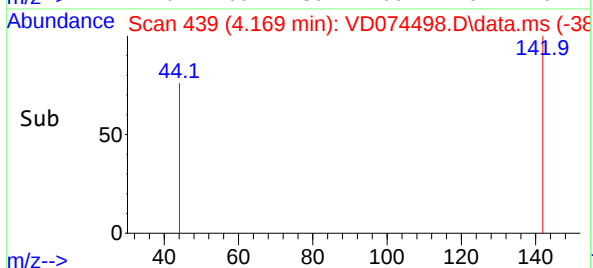
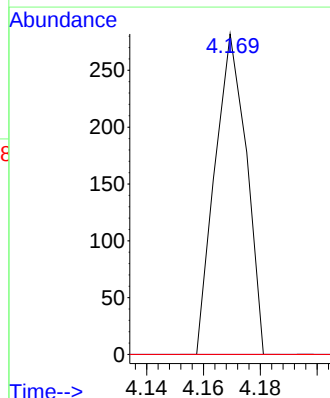
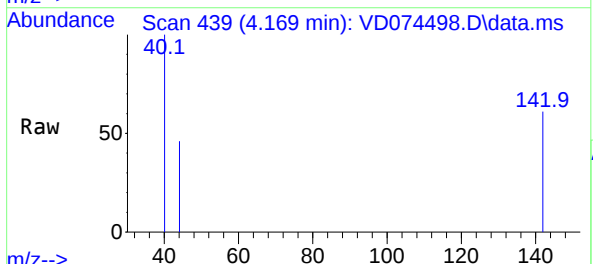
Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01

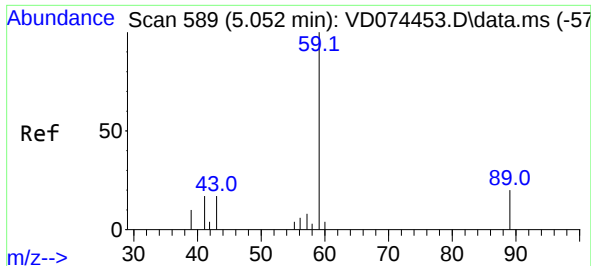
Tgt Ion:168 Resp: 86175
Ion Ratio Lower Upper
168 100
99 53.7 40.9 61.3



#10
Methyl Iodide
Concen: 5.962 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Tgt Ion:142 Resp: 217
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

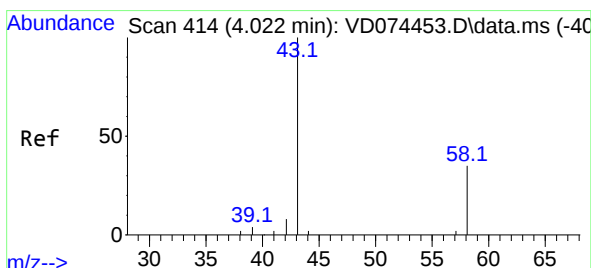
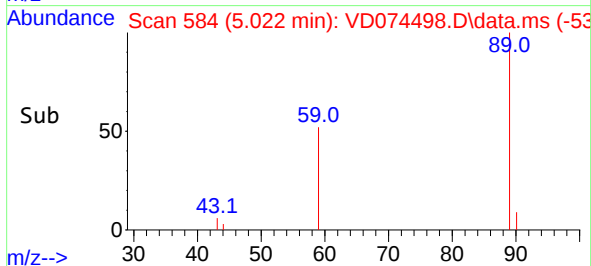
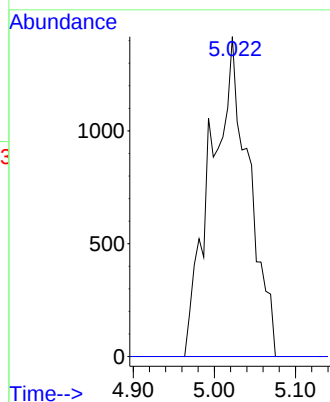
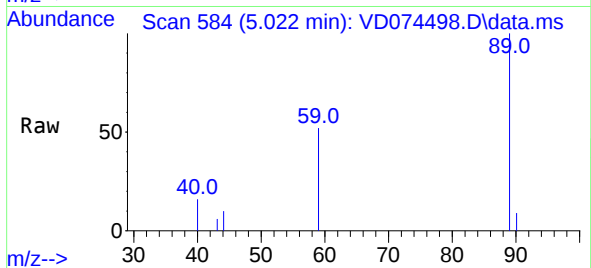




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.022 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

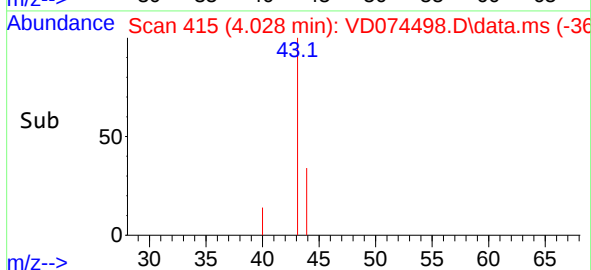
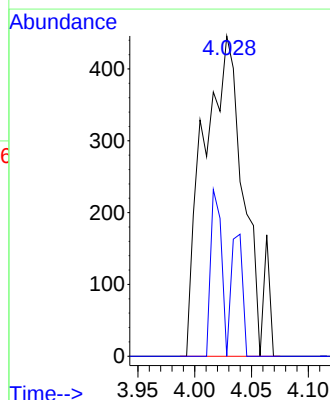
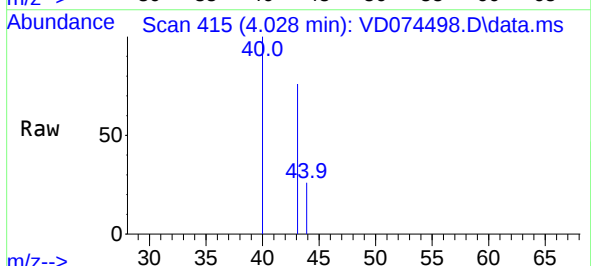
Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01

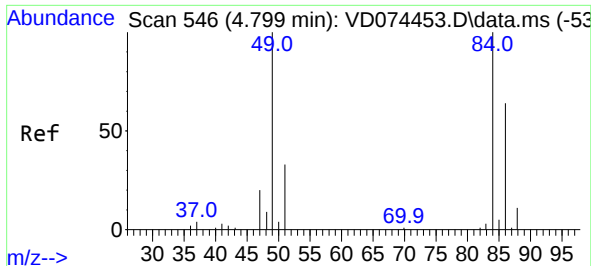
Tgt Ion: 59 Resp: 4605
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 16.992 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

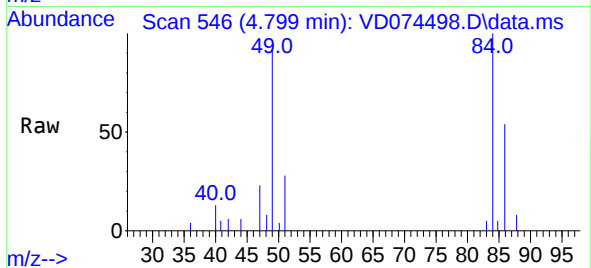
Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#





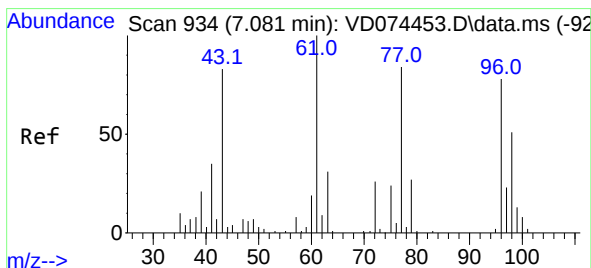
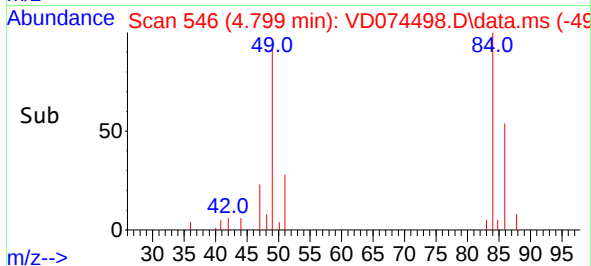
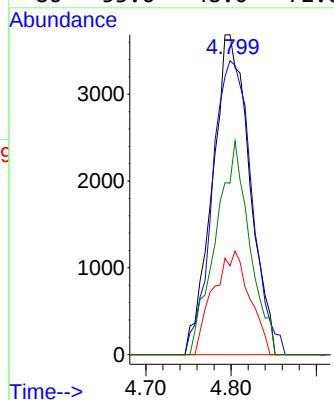
#20
Methylene Chloride
Concen: 4.777 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01



Tgt Ion: 84 Resp: 11184

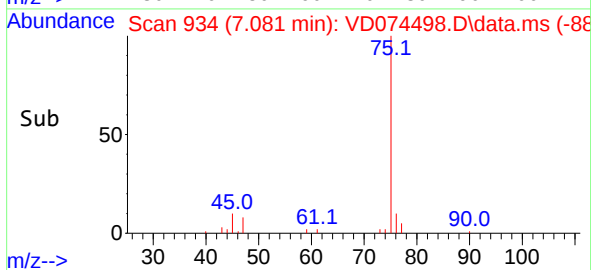
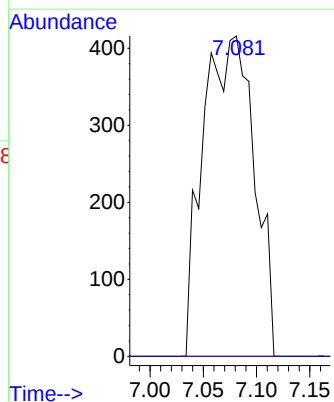
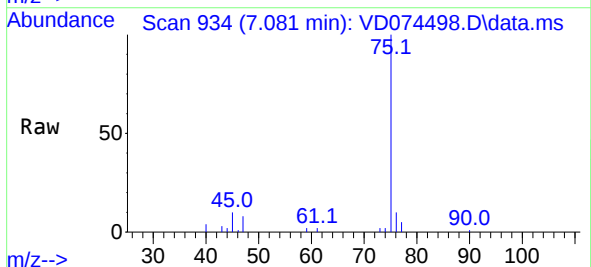
Ion	Ratio	Lower	Upper
84	100		
49	91.9	68.0	102.0
51	27.8	23.2	34.8
86	53.6	48.0	72.0

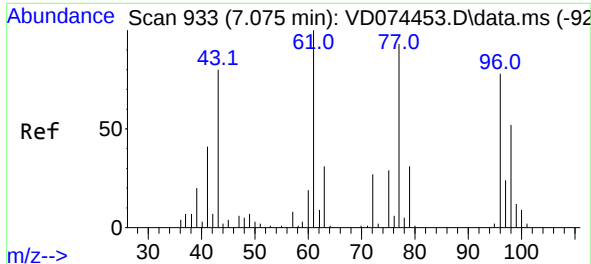


#25
2-Butanone
Concen: 6.348 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Tgt Ion: 43 Resp: 1394

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

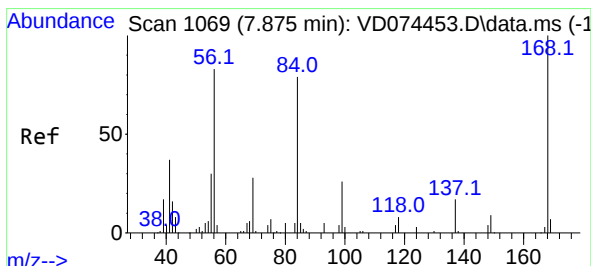
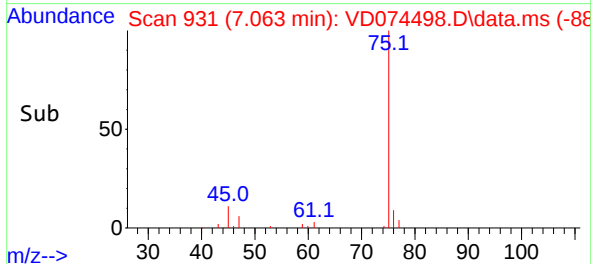
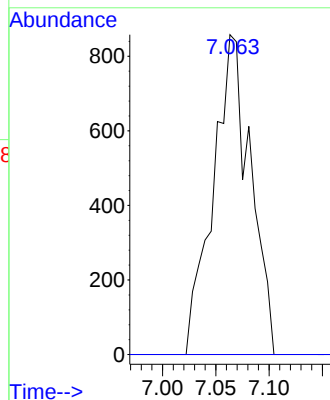
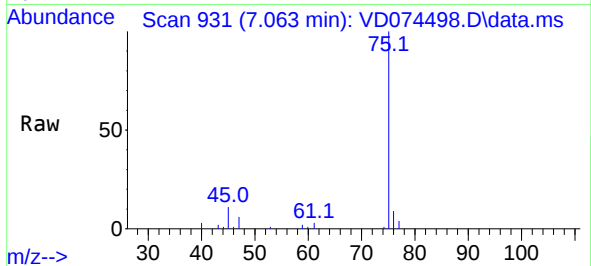




#26
2,2-Dichloropropane
Concen: 1.382 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

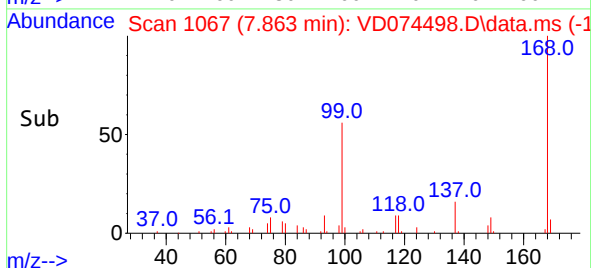
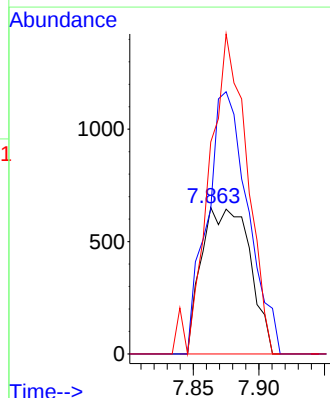
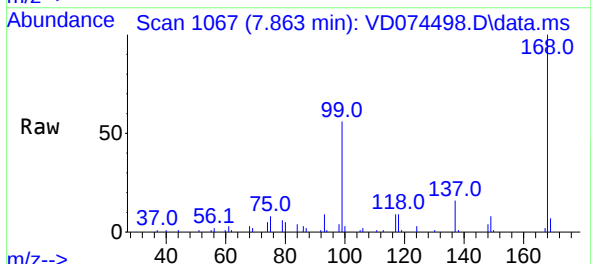
Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01

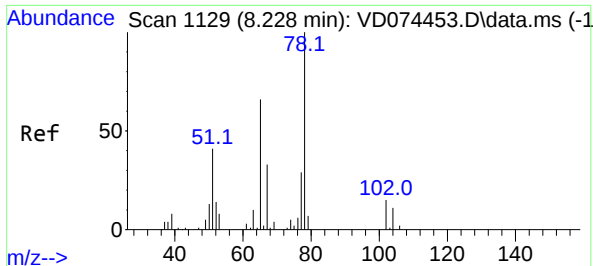
Tgt Ion: 77 Resp: 2099
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#31
Cyclohexane
Concen: 1.084 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Tgt Ion: 56 Resp: 1667
Ion Ratio Lower Upper
56 100
69 99.1 29.2 43.8#
84 144.9 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 57.480 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074498.D

Acq: 10 Oct 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

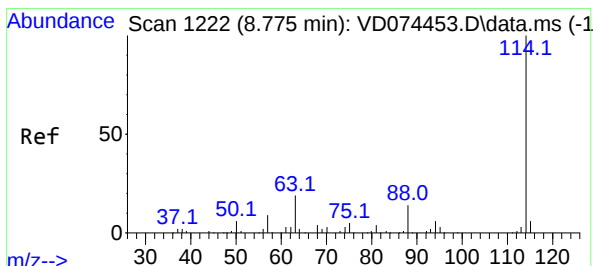
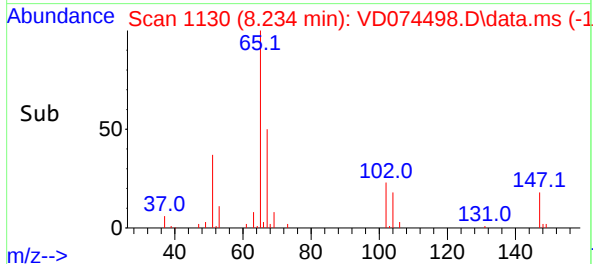
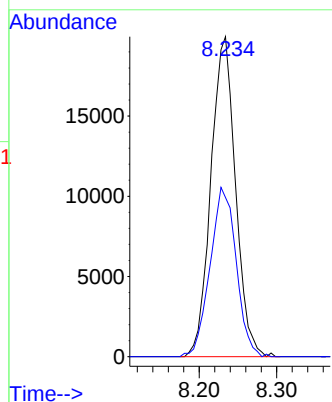
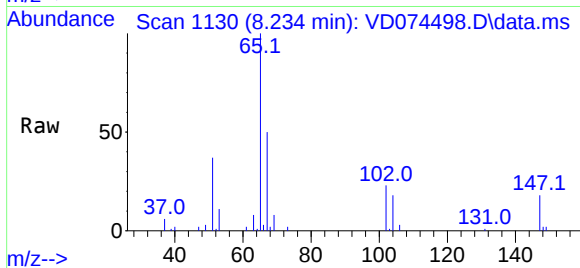
VD1010SBL01

Tgt Ion: 65 Resp: 44009

Ion Ratio Lower Upper

65 100

67 56.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074498.D

Acq: 10 Oct 2022 13:07

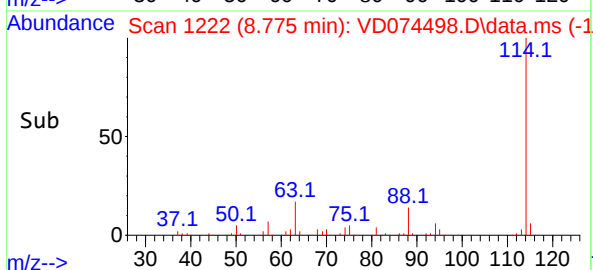
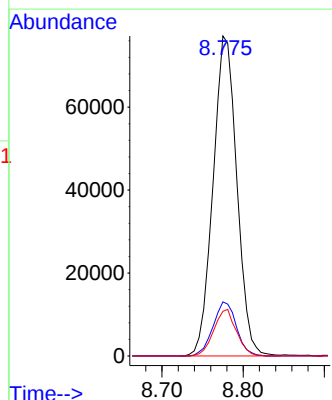
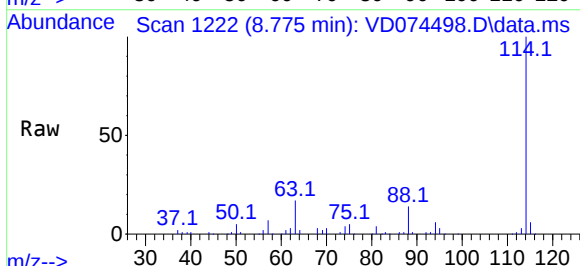
Tgt Ion: 114 Resp: 157165

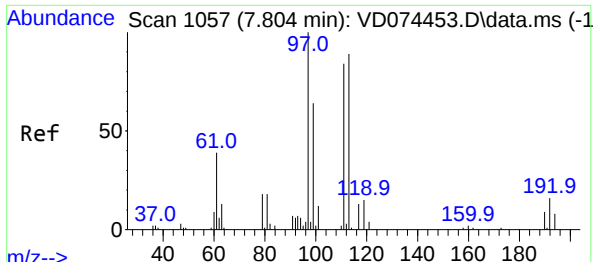
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.2

88 14.0 0.0 28.2

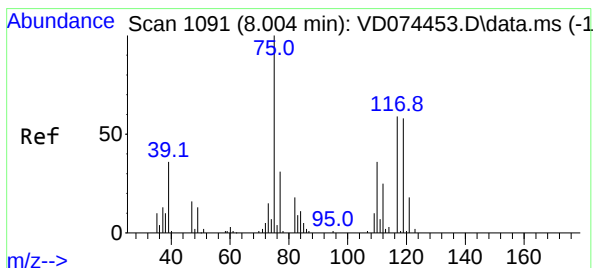
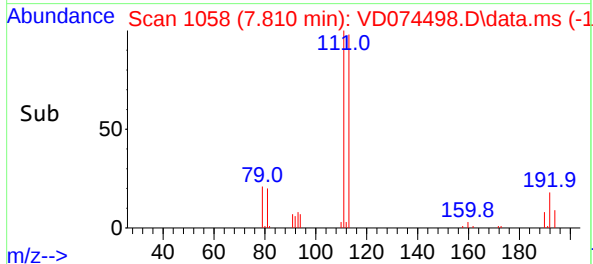
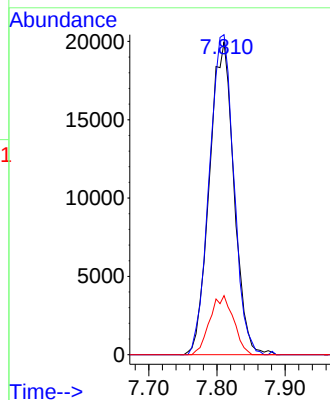
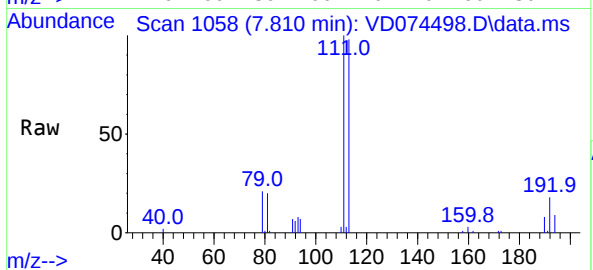




#35
Dibromofluoromethane
Concen: 48.237 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

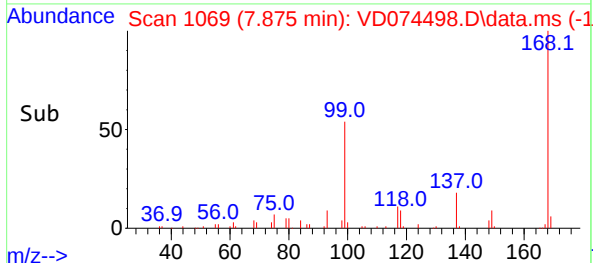
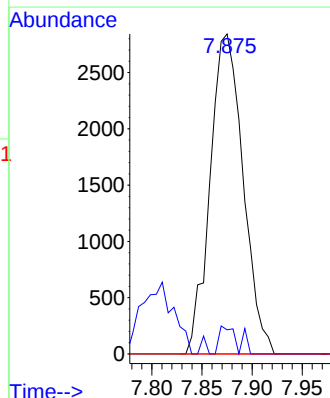
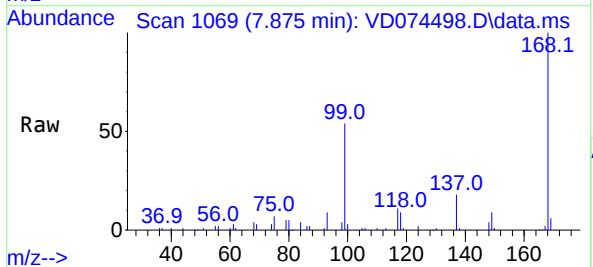
Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01

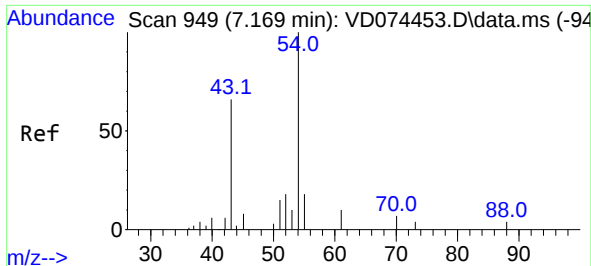
Tgt Ion:	113	Resp:	49991
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.3	123.5
192	18.3	16.4	24.6



#36
1,1-Dichloropropene
Concen: 4.484 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Tgt Ion:	75	Resp:	6523
Ion	Ratio	Lower	Upper
75	100		
110	5.0	19.7	59.0#
77	0.0	25.4	38.2#





#37

Ethyl Acetate

Concen: 2.918 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.088 min

Lab File: VD074498.D

Acq: 10 Oct 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD1010SBL01

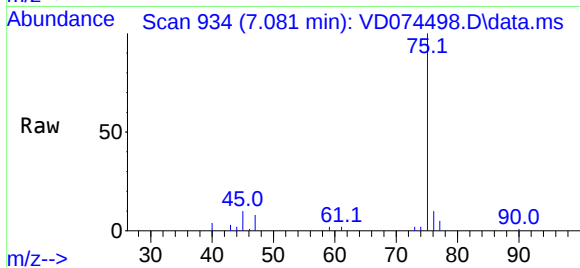
Tgt Ion: 43 Resp: 1394

Ion Ratio Lower Upper

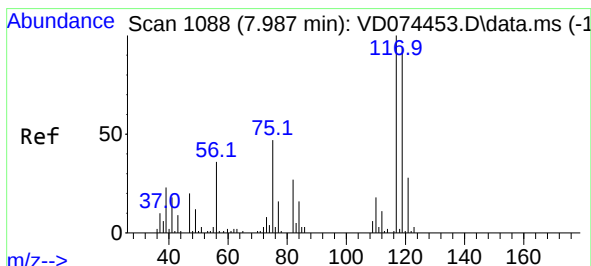
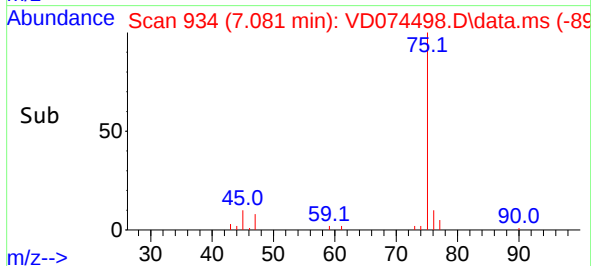
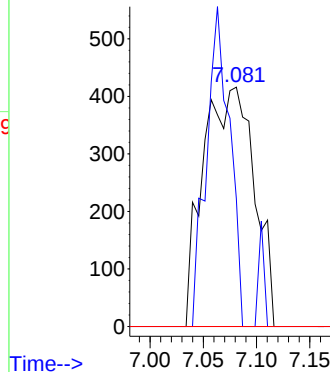
43 100

61 60.8 12.2 18.4#

70 0.0 9.6 14.4#



Abundance



#38

Carbon Tetrachloride

Concen: 6.377 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074498.D

Acq: 10 Oct 2022 13:07

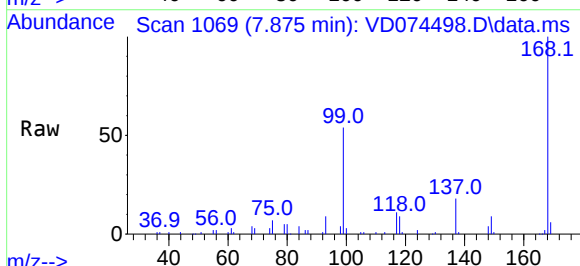
Tgt Ion: 117 Resp: 8221

Ion Ratio Lower Upper

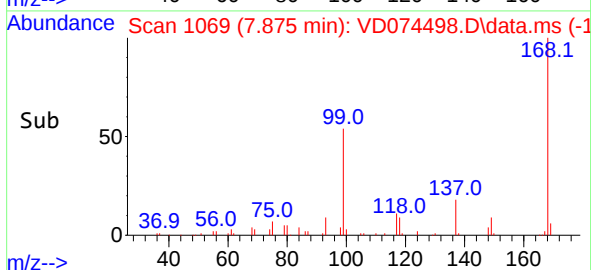
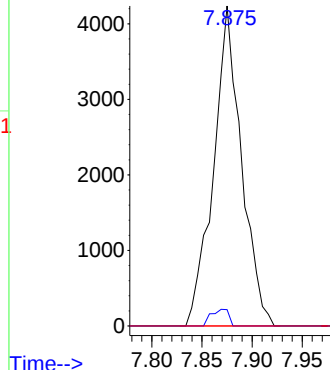
117 100

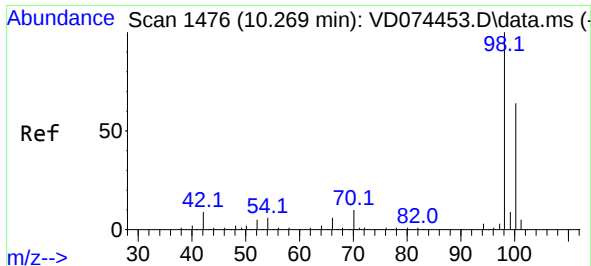
119 5.1 73.1 109.7#

121 0.0 25.0 37.6#



Abundance

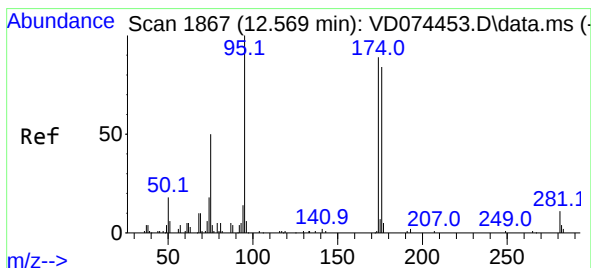
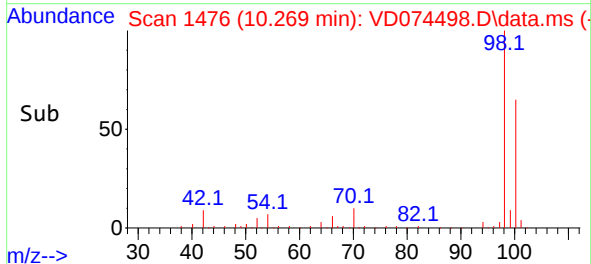
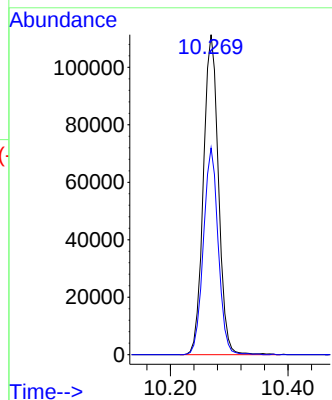
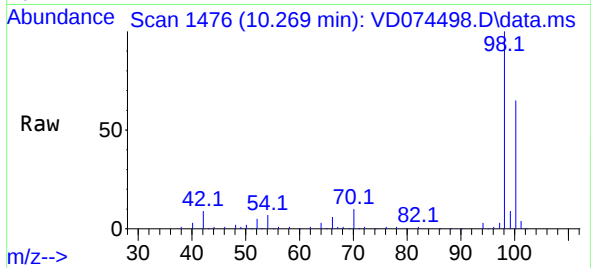




#50
Toluene-d8
Concen: 52.183 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

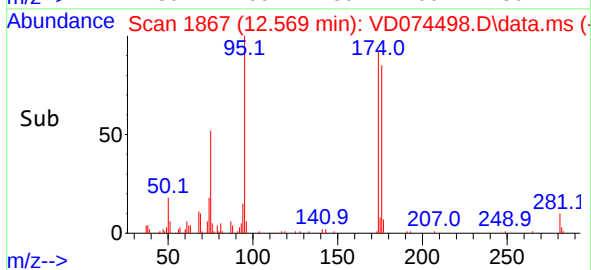
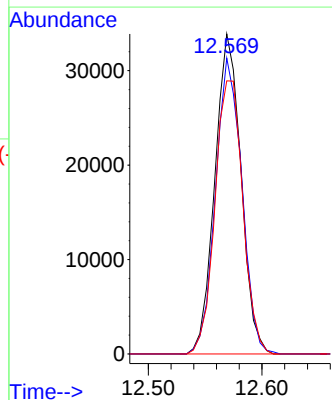
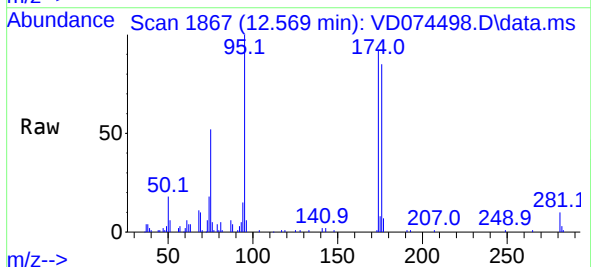
Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01

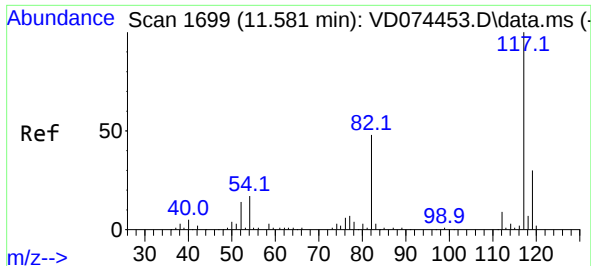
Tgt Ion: 98 Resp: 197849
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.790 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Tgt Ion: 95 Resp: 54174
Ion Ratio Lower Upper
95 100
174 93.2 0.0 197.0
176 91.0 0.0 182.6

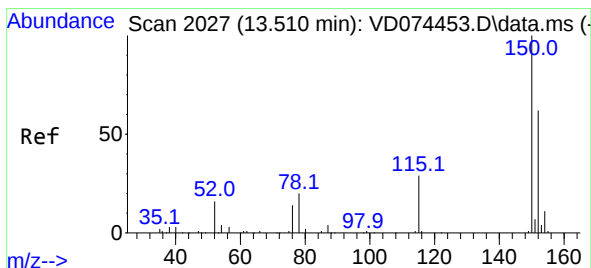
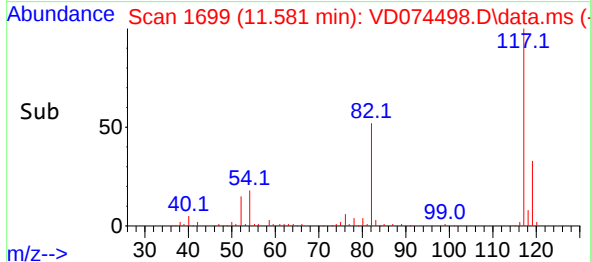
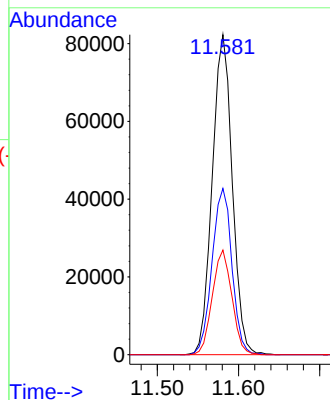
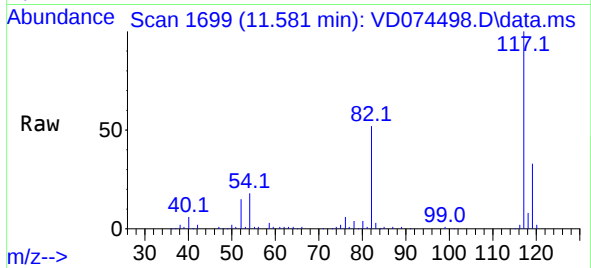




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

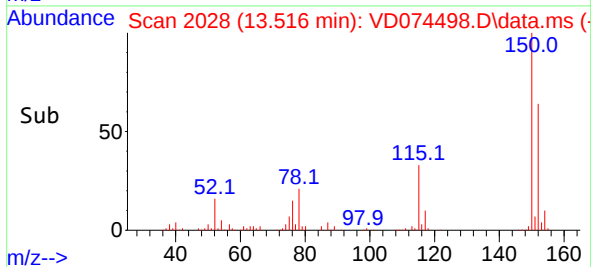
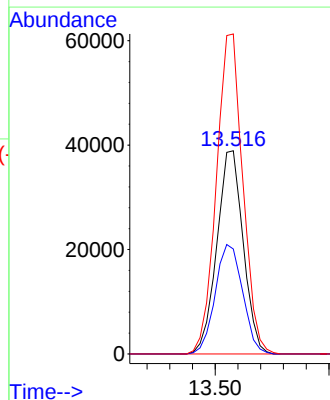
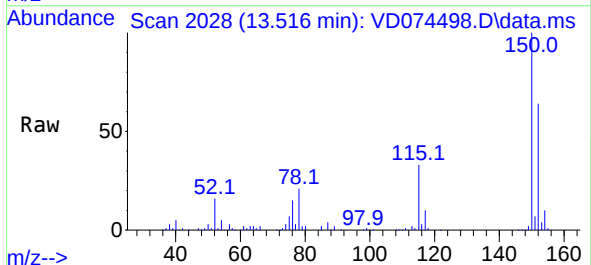
Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01

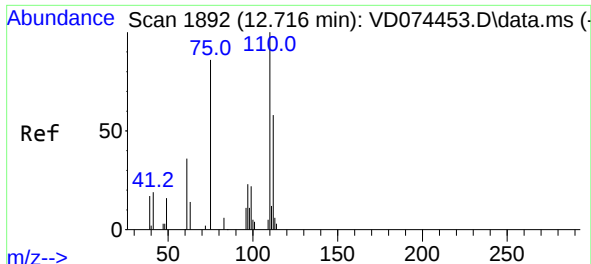
Tgt Ion:117 Resp: 140942
Ion Ratio Lower Upper
117 100
82 51.9 41.6 62.4
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Tgt Ion:152 Resp: 62753
Ion Ratio Lower Upper
152 100
115 56.0 26.8 80.4
150 157.9 0.0 348.2

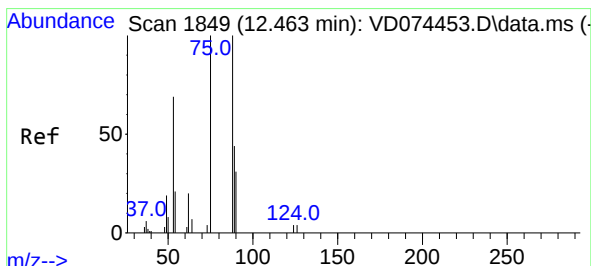
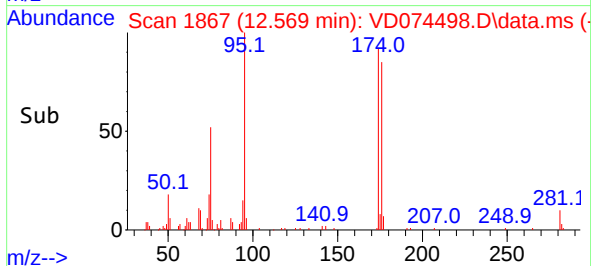
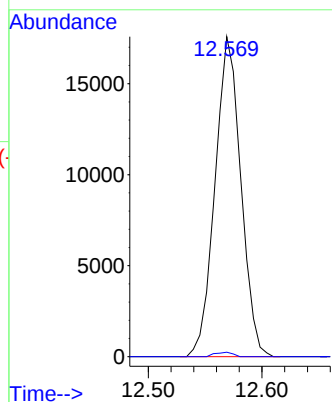
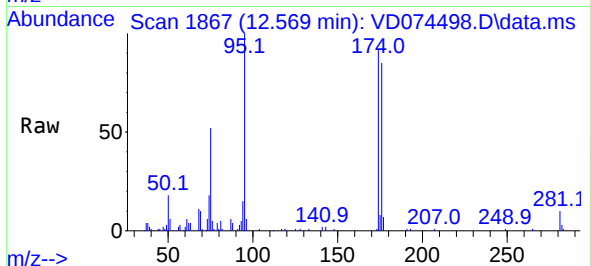




#76
1,2,3-Trichloropropane
Concen: 57.630 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01

Tgt Ion: 75 Resp: 27761
Ion Ratio Lower Upper
75 100
77 1.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.578 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Tgt Ion: 75 Resp: 27761
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.2 38.2 57.4#

