

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077049.D
 Acq On : 28 Aug 2023 18:53
 Operator : JC/SY
 Sample : 04177-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 02:52:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

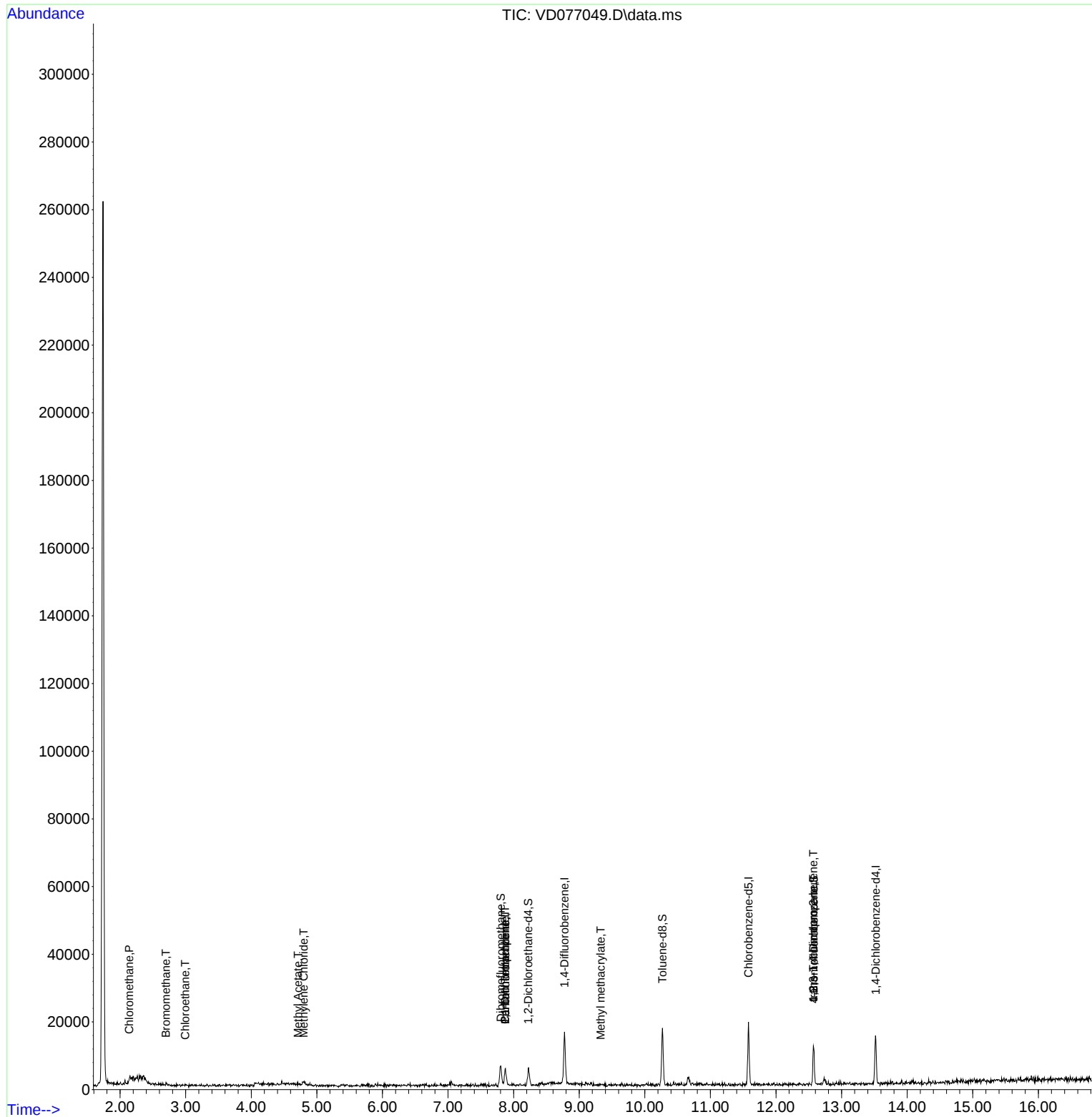
Internal Standards						
1) Pentafluorobenzene	7.875	168	4860	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	13792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	10973	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	4613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	3810	79.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.240%	
35) Dibromofluoromethane	7.805	113	4303	46.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.400%	
50) Toluene-d8	10.269	98	12422	37.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 74.540%	
62) 4-Bromofluorobenzene	12.575	95	3439	34.992	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	394	1.985	ug/l #	41
5) Bromomethane	2.699	94	191	2.248	ug/l #	11
6) Chloroethane	2.993	64	88	1.304	ug/l #	43
18) Methyl Acetate	4.711	43	58	1.572	ug/l #	42
20) Methylene Chloride	4.799	84	533	4.235	ug/l #	54
36) 1,1-Dichloropropene	7.869	75	187	1.425	ug/l #	39
38) Carbon Tetrachloride	7.869	117	350	2.637	ug/l #	11
48) Methyl methacrylate	9.328	41	56	1.389	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	2181	49.018	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	2181	113.811	ug/l #	17

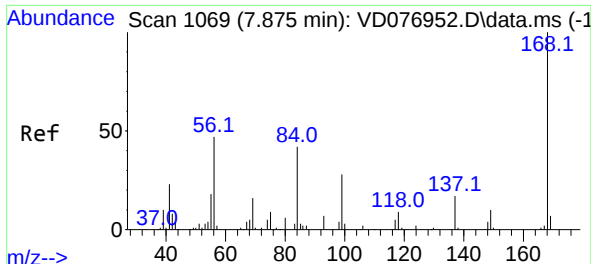
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :

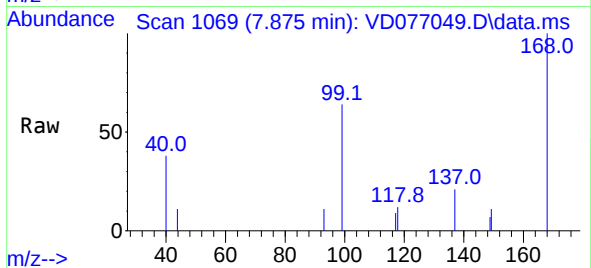
Quant Time: Aug 29 02:52:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration



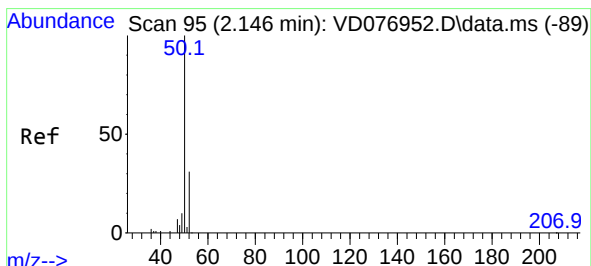
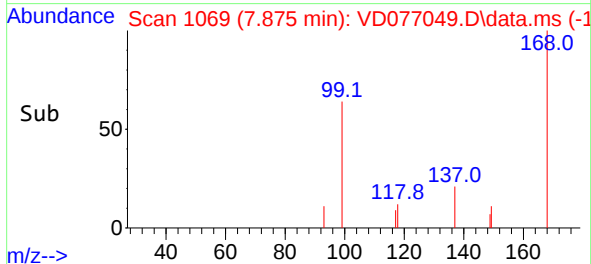
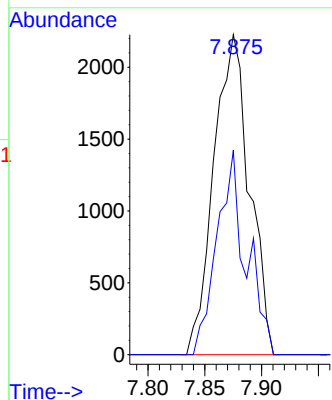


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :

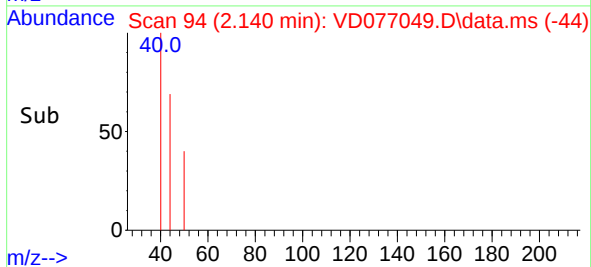
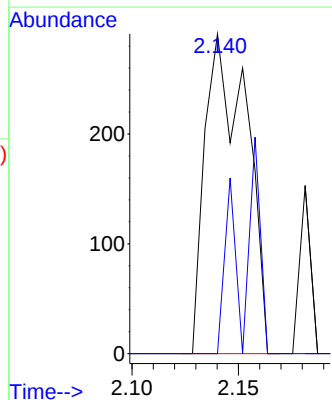
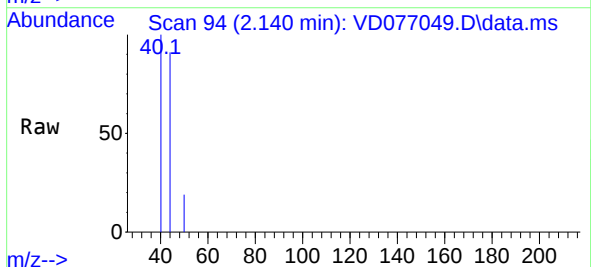


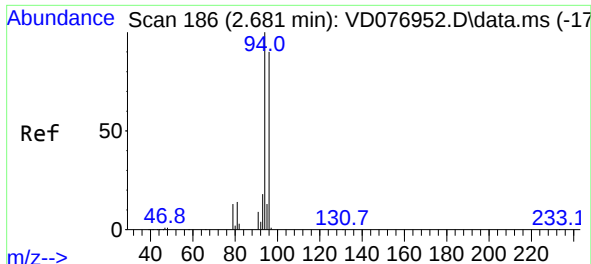
Tgt Ion:168 Resp: 4860
Ion Ratio Lower Upper
168 100
99 63.9 36.7 55.1#



#3
Chloromethane
Concen: 1.985 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Tgt Ion: 50 Resp: 394
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

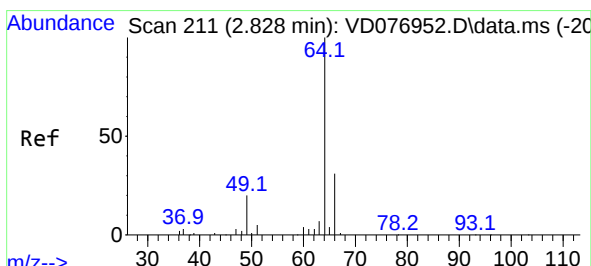
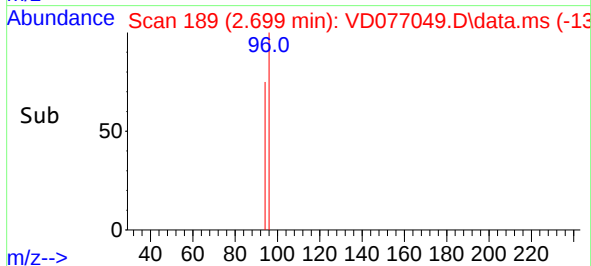
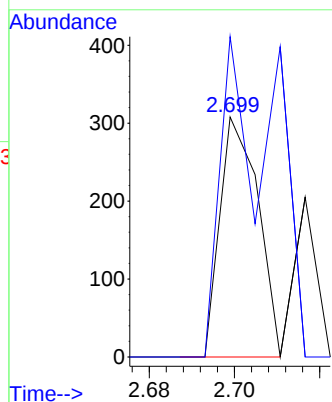
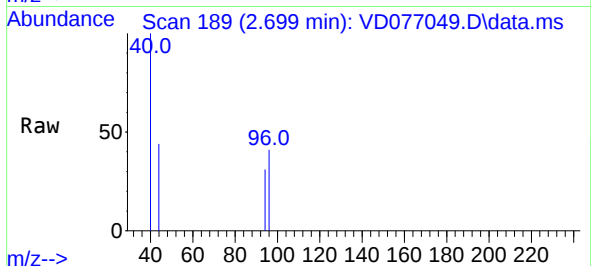




#5
Bromomethane
Concen: 2.248 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.018 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

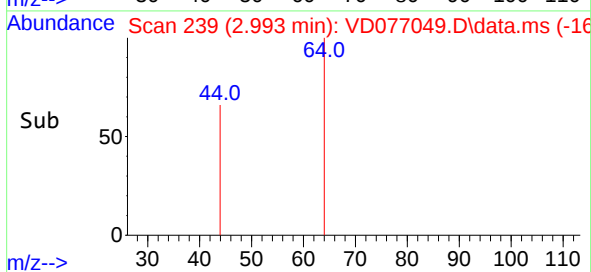
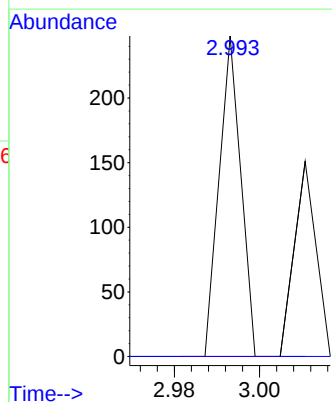
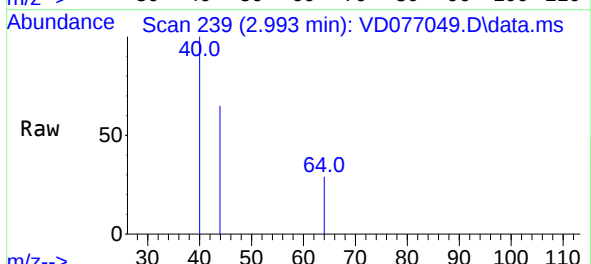
Instrument :
MSVOA_D
ClientSampleId :

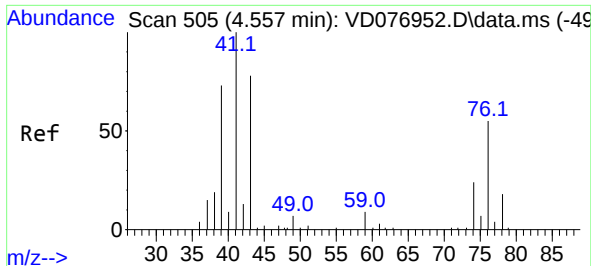
Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 181.2 75.8 113.8#



#6
Chloroethane
Concen: 1.304 ug/l
RT: 2.993 min Scan# 239
Delta R.T. 0.165 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Tgt Ion: 64 Resp: 88
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#

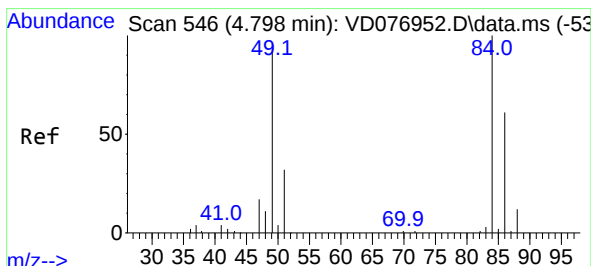
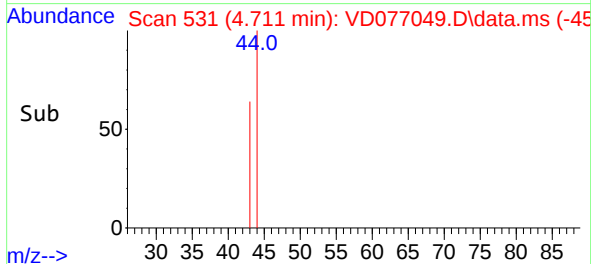
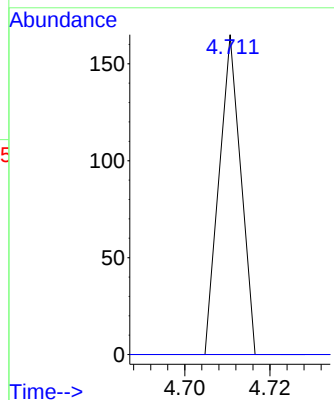
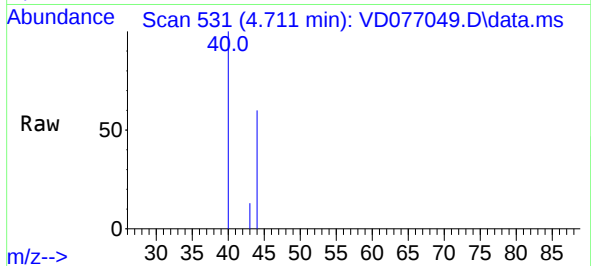




#18
Methyl Acetate
Concen: 1.572 ug/l
RT: 4.711 min Scan# 51
Delta R.T. 0.154 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

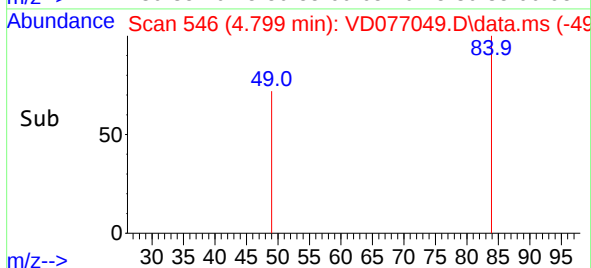
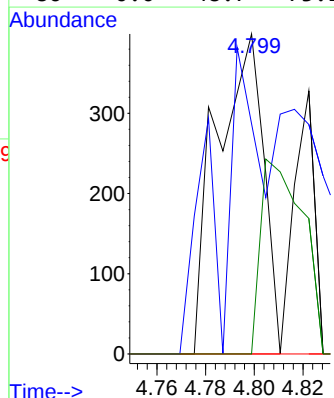
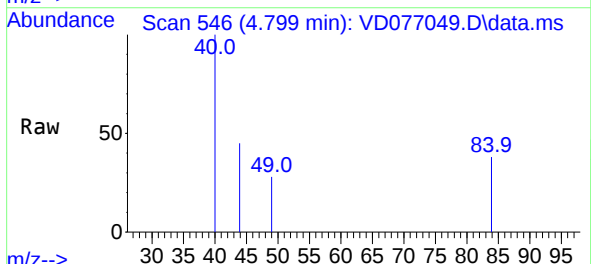
Instrument :
MSVOA_D
ClientSampleId :

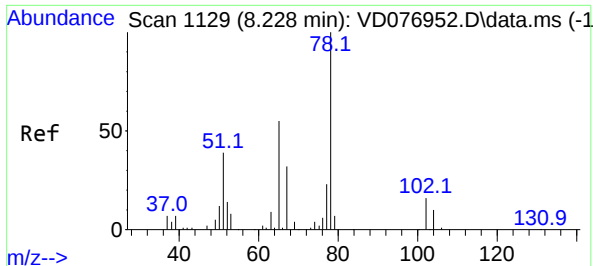
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: 4.235 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.001 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Tgt Ion: 84 Resp: 533
Ion Ratio Lower Upper
84 100
49 71.9 71.4 107.2
51 0.0 24.5 36.7#
86 0.0 48.7 73.1#

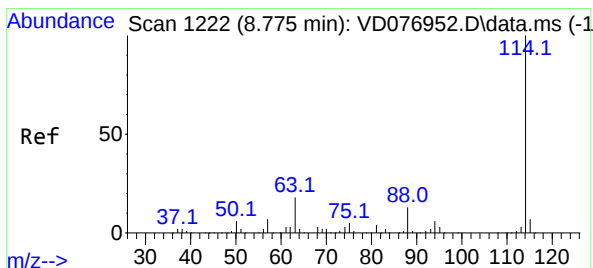
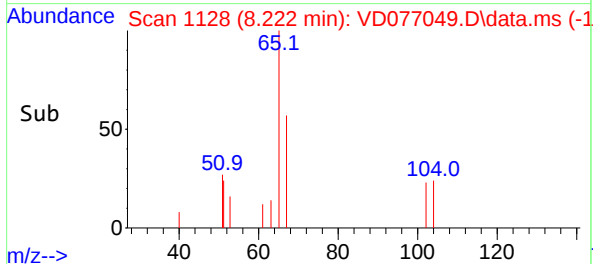
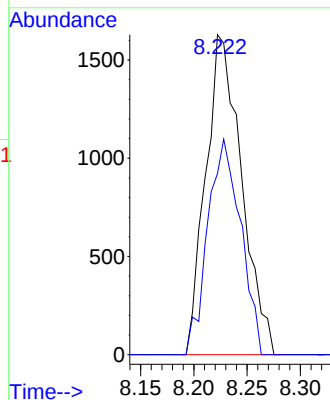
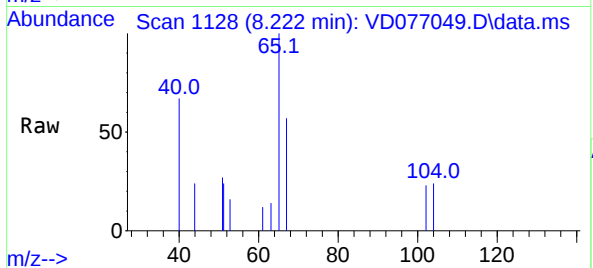




#33
1,2-Dichloroethane-d4
Concen: 79.624 ug/l
RT: 8.222 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

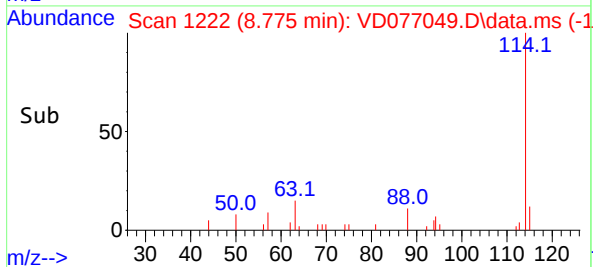
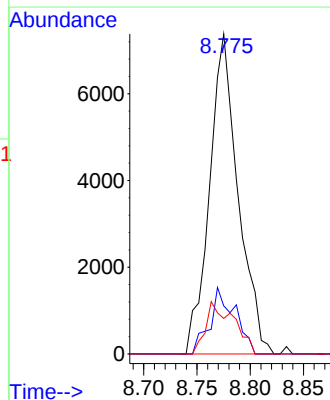
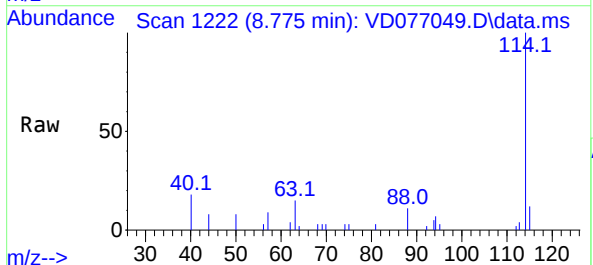
Instrument :
MSVOA_D
ClientSampleId :

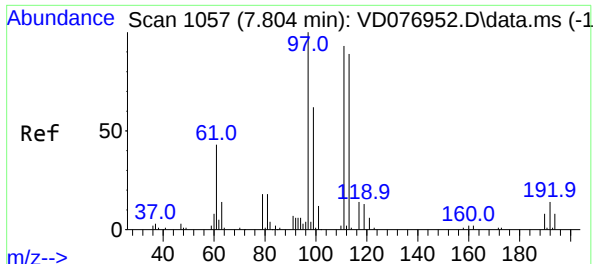
Tgt Ion: 65 Resp: 3810
Ion Ratio Lower Upper
65 100
67 61.8 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

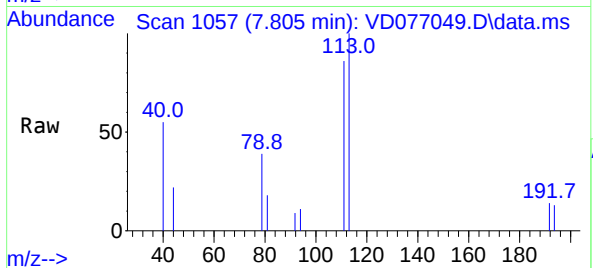
Tgt Ion:114 Resp: 13792
Ion Ratio Lower Upper
114 100
63 15.1 0.0 33.4
88 11.1 0.0 26.2



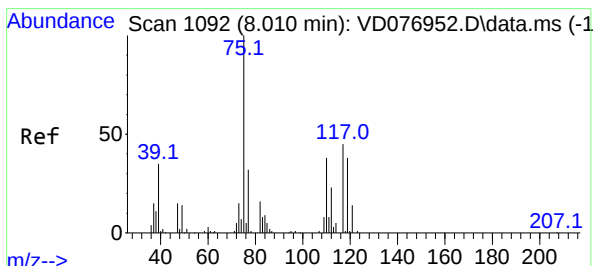
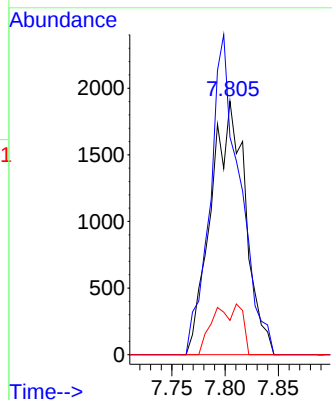
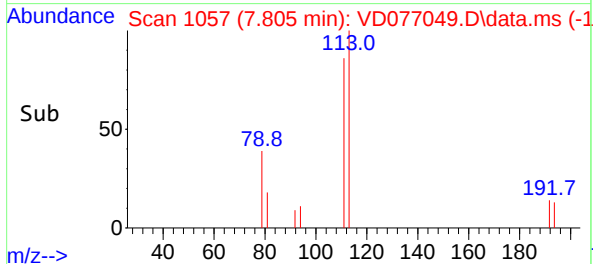


#35
Dibromofluoromethane
Concen: 46.701 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

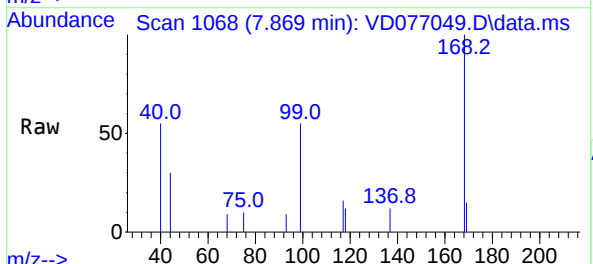
Instrument :
MSVOA_D
ClientSampleId :



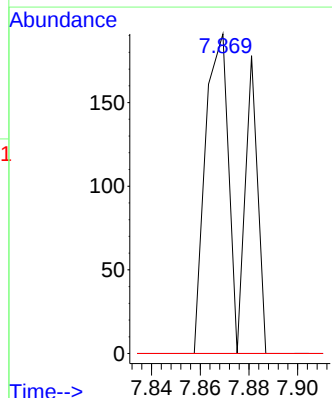
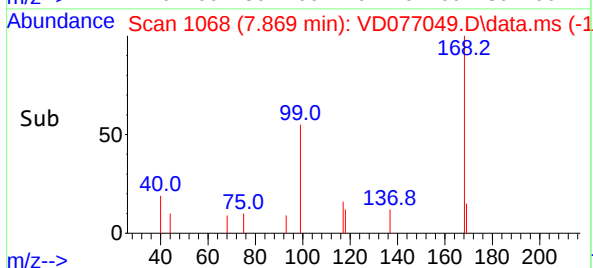
Tgt Ion:113 Resp: 4303
Ion Ratio Lower Upper
113 100
111 108.6 84.7 127.1
192 16.7 16.8 25.2#

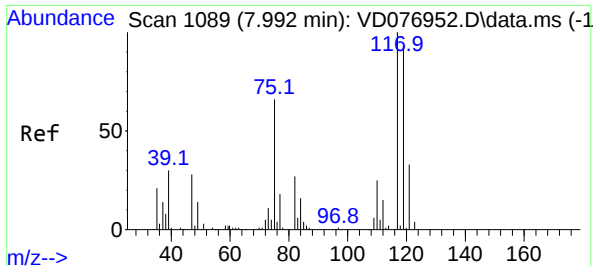


#36
1,1-Dichloropropene
Concen: 1.425 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53



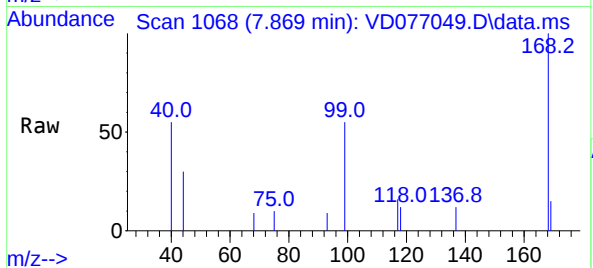
Tgt Ion: 75 Resp: 187
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 0.0 24.7 37.1#



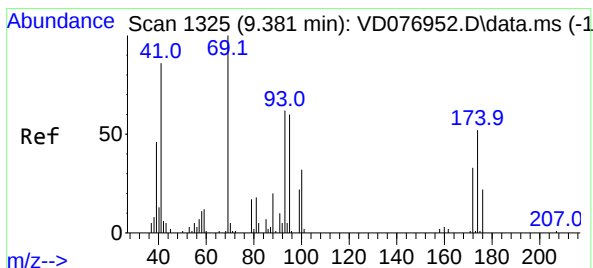
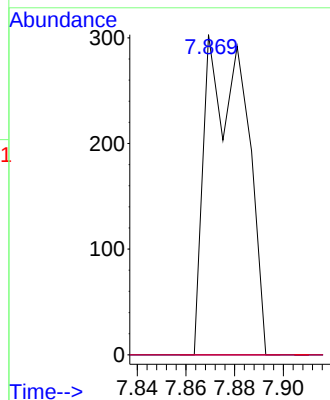
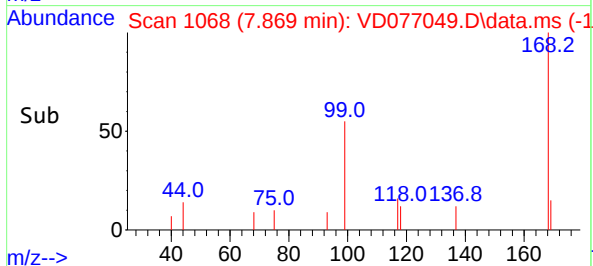


#38
Carbon Tetrachloride
Concen: 2.637 ug/l
RT: 7.869 min Scan# 117
Delta R.T. -0.123 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :

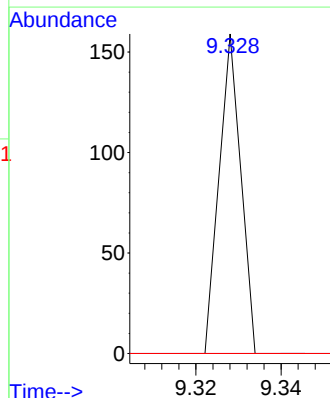
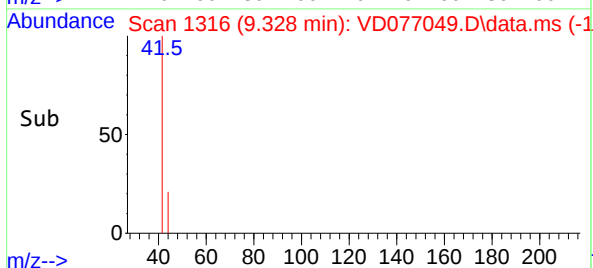
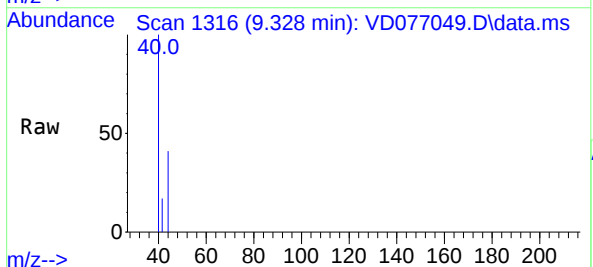


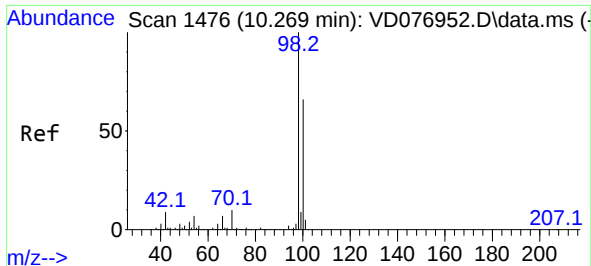
Tgt Ion:117 Resp: 350
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#48
Methyl methacrylate
Concen: 1.389 ug/l
RT: 9.328 min Scan# 1316
Delta R.T. -0.053 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Tgt Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
69 0.0 102.2 153.2#
39 0.0 41.4 62.2#

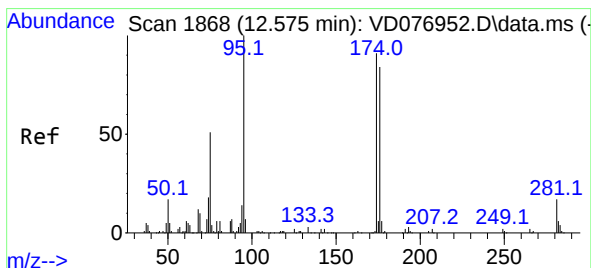
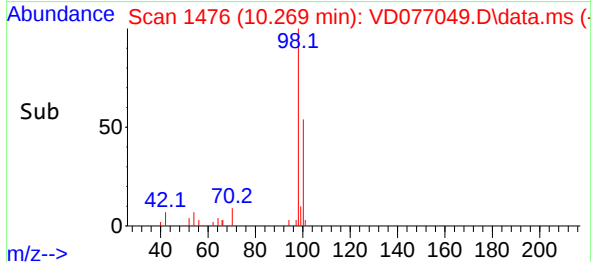
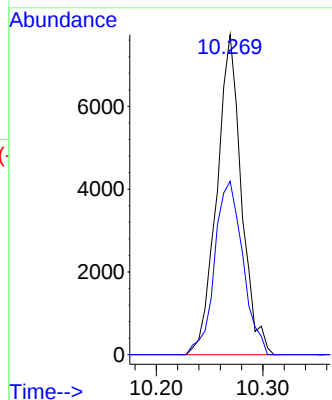
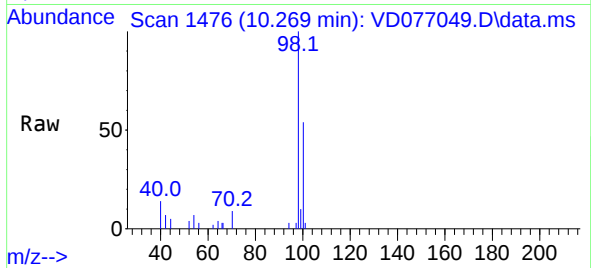




#50
Toluene-d8
Concen: 37.266 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

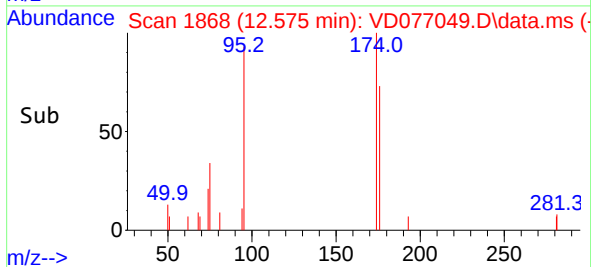
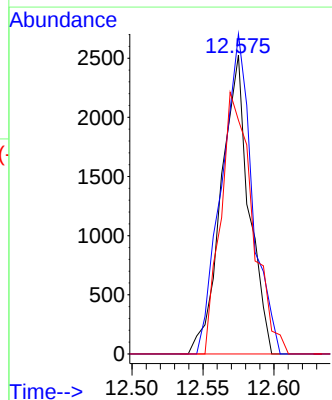
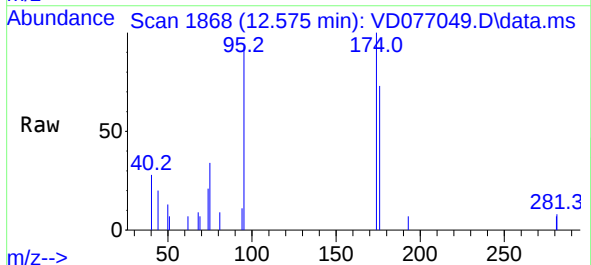
Instrument :
MSVOA_D
ClientSampleId :

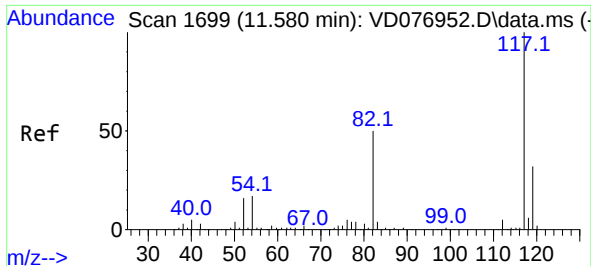
Tgt Ion: 98 Resp: 12422
Ion Ratio Lower Upper
98 100
100 62.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 34.992 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Tgt Ion: 95 Resp: 3439
Ion Ratio Lower Upper
95 100
174 117.8 0.0 201.8
176 100.1 0.0 191.8

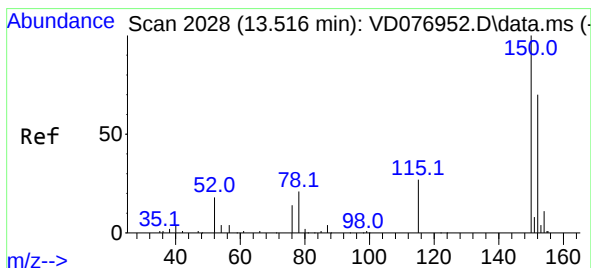
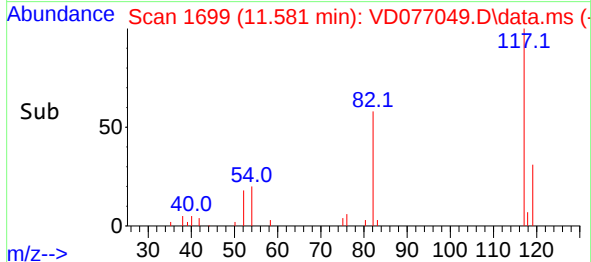
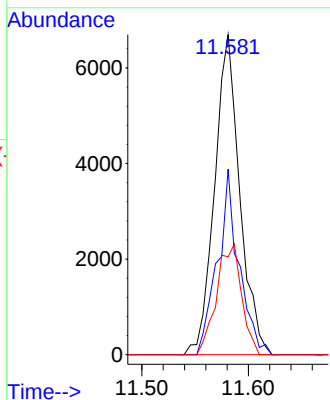
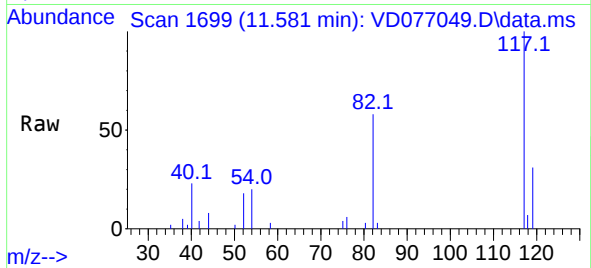




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

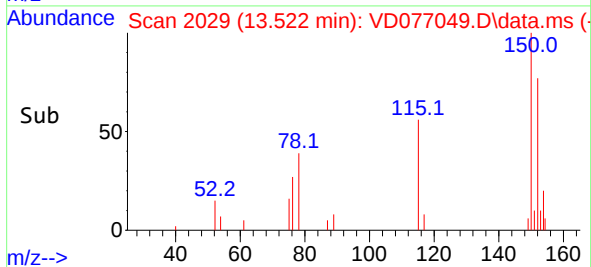
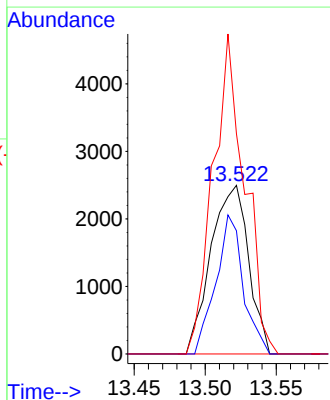
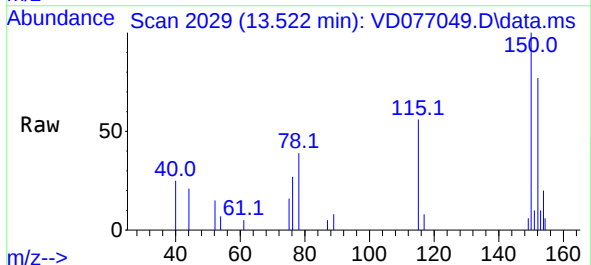
Instrument :
MSVOA_D
ClientSampleId :

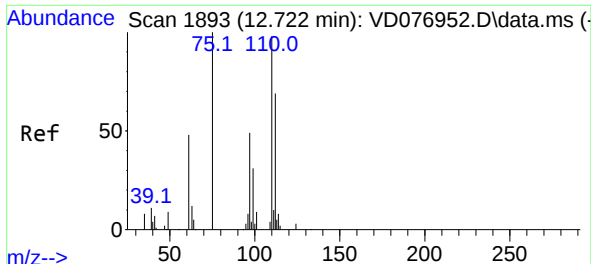
Tgt Ion:117 Resp: 10973
Ion Ratio Lower Upper
117 100
82 58.0 38.3 57.5#
119 30.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Tgt Ion:152 Resp: 4613
Ion Ratio Lower Upper
152 100
115 60.0 27.1 81.3
150 159.5 0.0 353.6

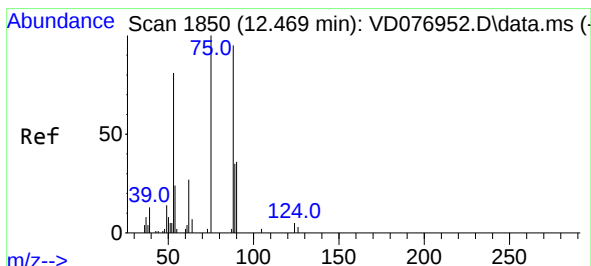
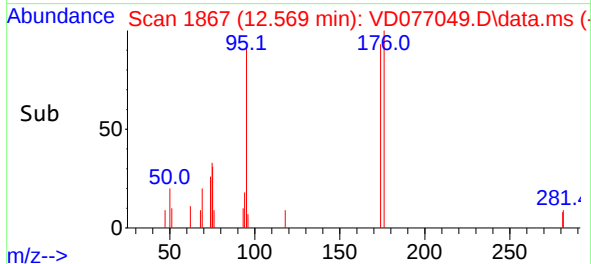
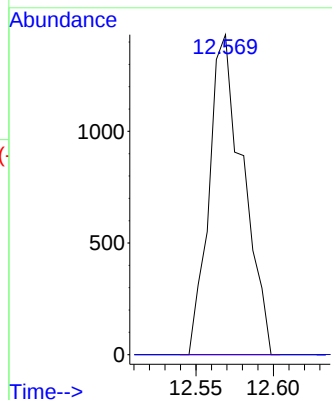
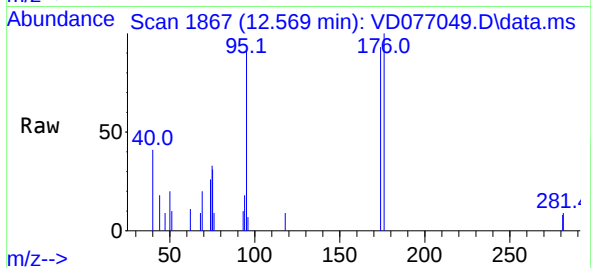




#76
1,2,3-Trichloropropane
Concen: 49.018 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2181
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 113.811 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Tgt Ion: 75 Resp: 2181
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

