

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050824\
 Data File : VD078889.D
 Acq On : 08 May 2024 15:16
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 09 04:44:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 19:40:18 2024
 Response via : Initial Calibration

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

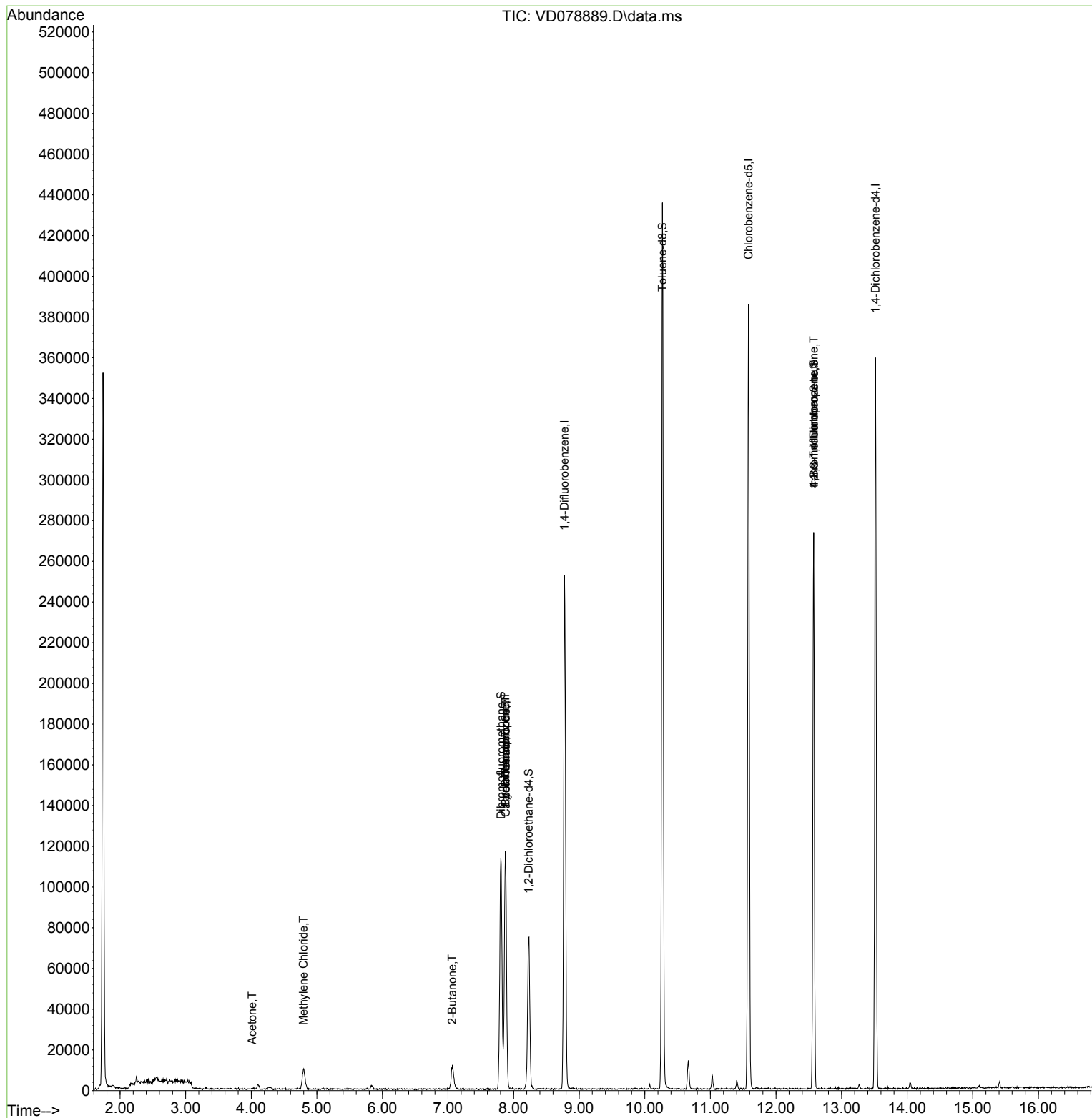
Internal Standards						
1) Pentafluorobenzene	7.875	168	95297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	234566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60174	56.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.780%
35) Dibromofluoromethane	7.810	113	84429	49.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.269	98	308131	46.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.240%
62) 4-Bromofluorobenzene	12.575	95	78232	41.358	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.720%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	502	3.183	ug/l #	39
20) Methylene Chloride	4.793	84	8280	3.005	ug/l #	87
25) 2-Butanone	7.063	43	342	1.546	ug/l #	43
31) Cyclohexane	7.875	56	1826	1.163	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	7164	3.234	ug/l #	46
38) Carbon Tetrachloride	7.881	117	9258	3.631	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	39297	46.379	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	39297	90.617	ug/l #	19

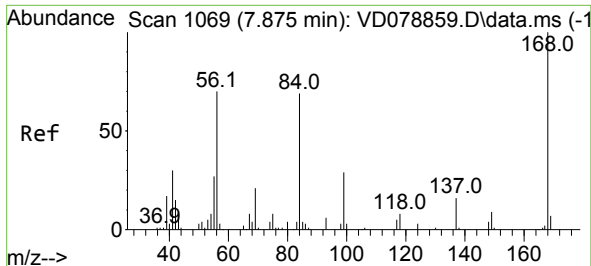
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD078889.D
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Instrument :
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ClientSampleId :

Quant Time: May 09 04:44:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 19:40:18 2024
Response via : Initial Calibration

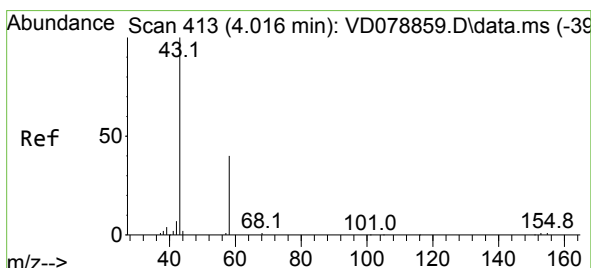
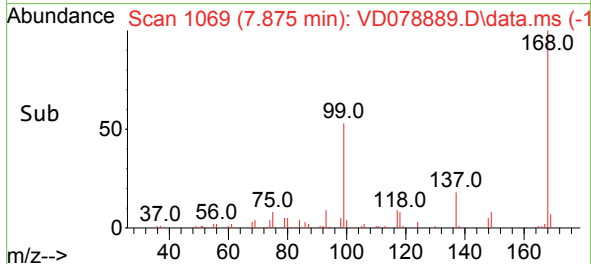
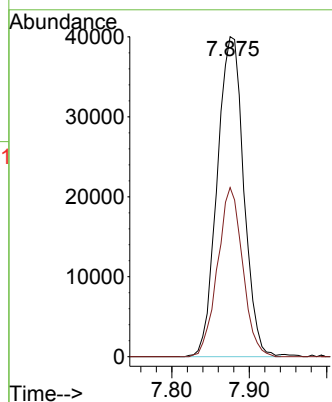
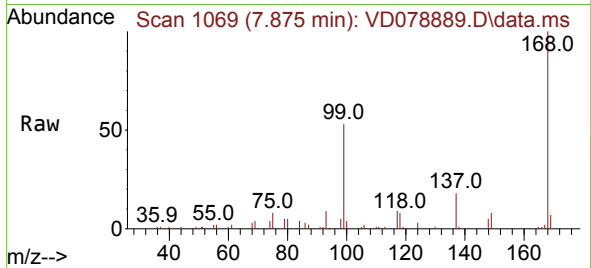




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

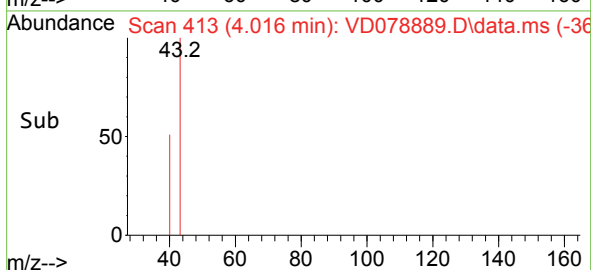
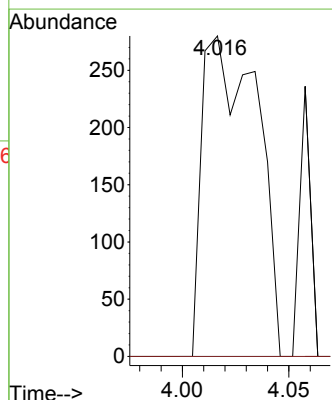
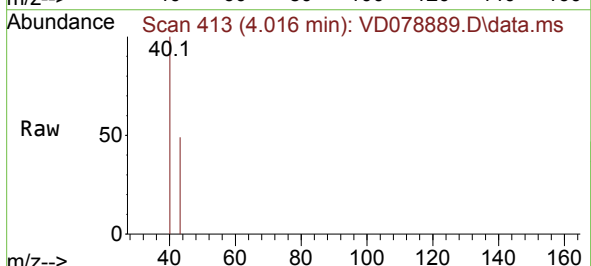
Instrument :
MSVOA_D
ClientSampleId :

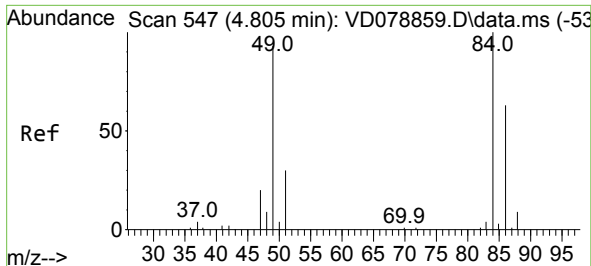
Tgt Ion:168 Resp: 95297
Ion Ratio Lower Upper
168 100
99 52.8 38.8 58.2



#16
Acetone
Concen: 3.183 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

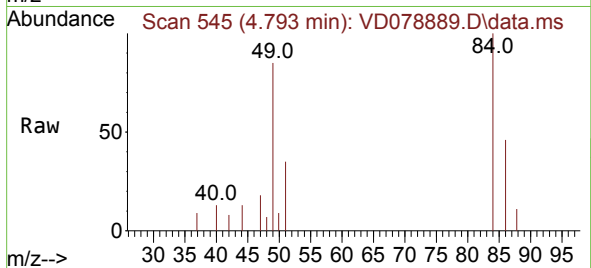
Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



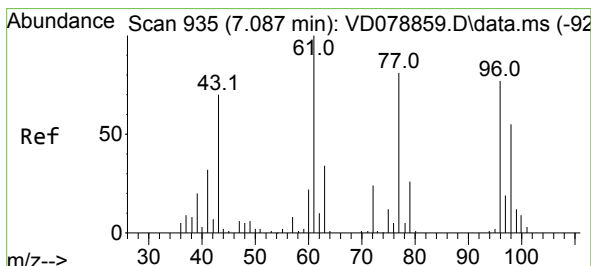
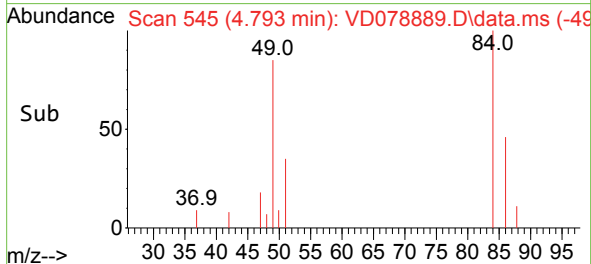
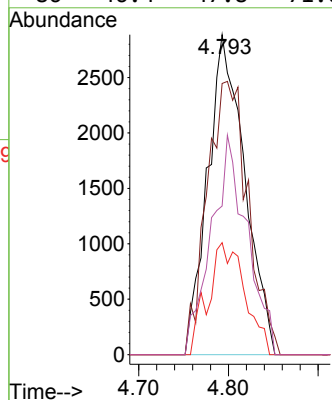


#20
Methylene Chloride
Concen: 3.005 ug/l
RT: 4.793 min Scan# 547
Delta R.T. -0.012 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

Instrument :
MSVOA_D
ClientSampleId :

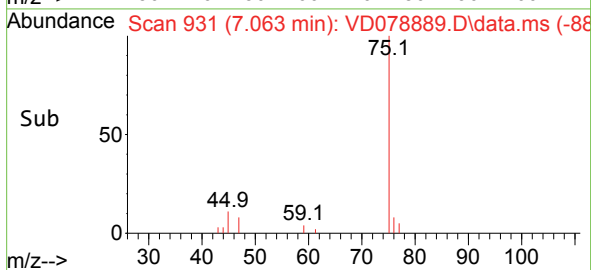
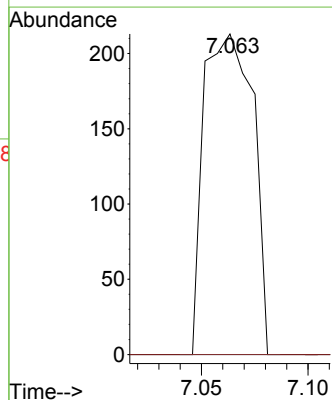
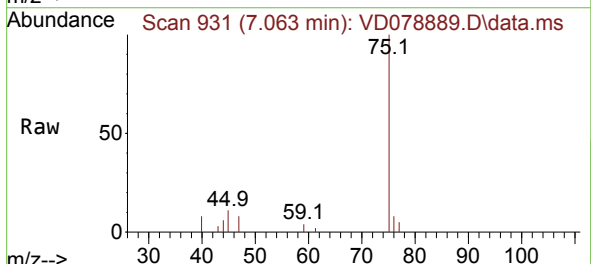


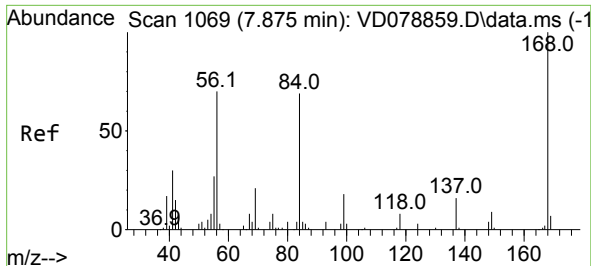
Tgt Ion:	84	Resp:	8280
Ion	Ratio	Lower	Upper
84	100		
49	84.7	75.6	113.4
51	35.0	23.4	35.0
86	46.4	47.8	71.6#



#25
2-Butanone
Concen: 1.546 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.024 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

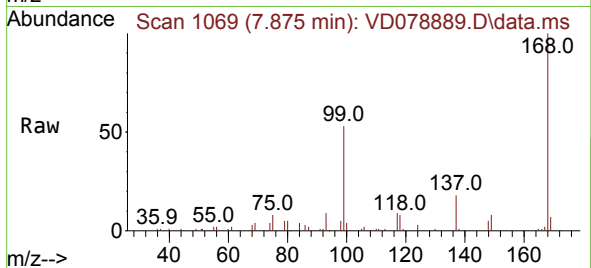
Tgt Ion:	43	Resp:	342
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.0	37.6#



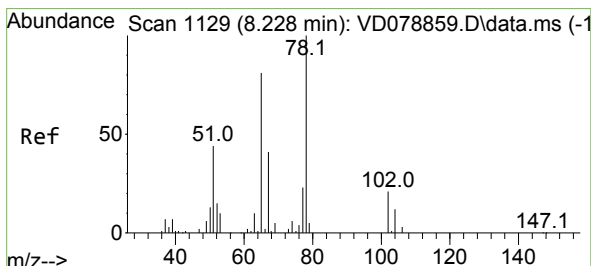
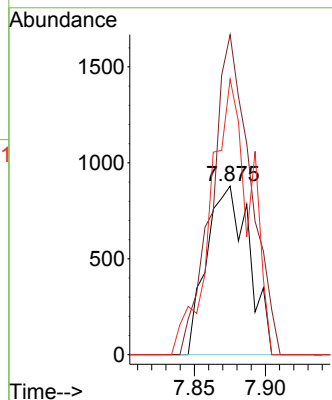
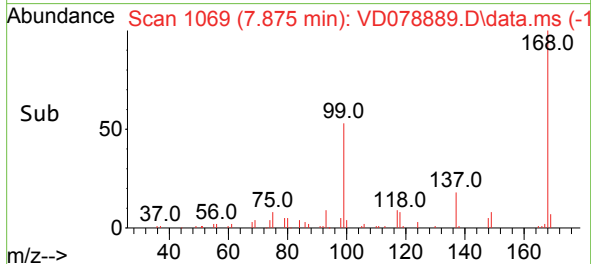


#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

Instrument :
MSVOA_D
ClientSampleId :

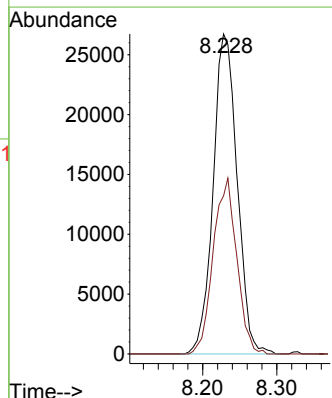
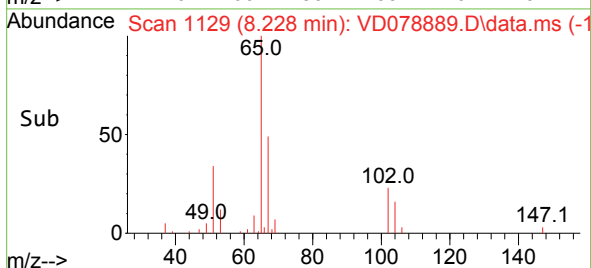
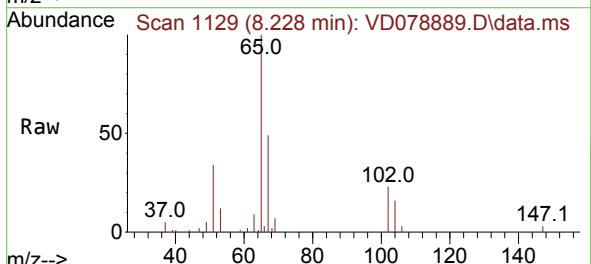


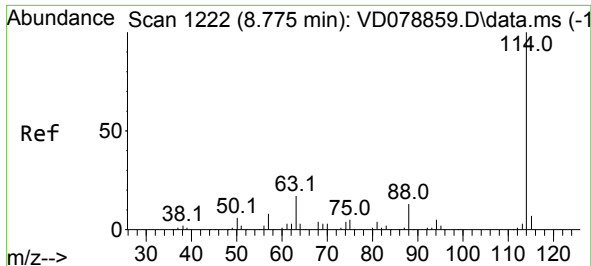
Tgt Ion: 56 Resp: 1826
Ion Ratio Lower Upper
56 100
69 189.8 26.6 40.0#
84 163.4 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 56.888 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

Tgt Ion: 65 Resp: 60174
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.2

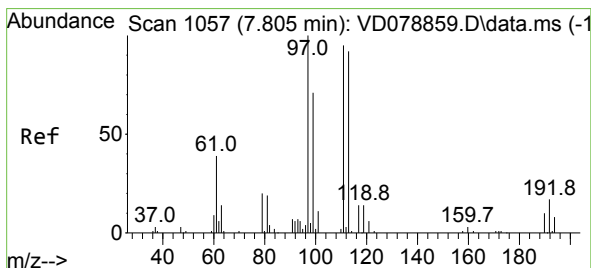
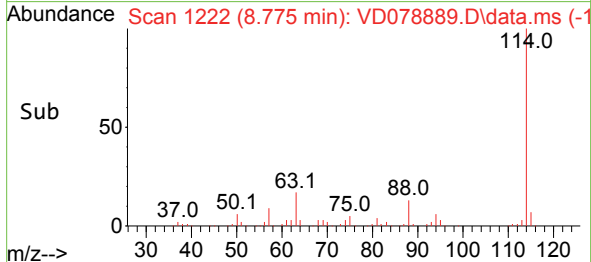
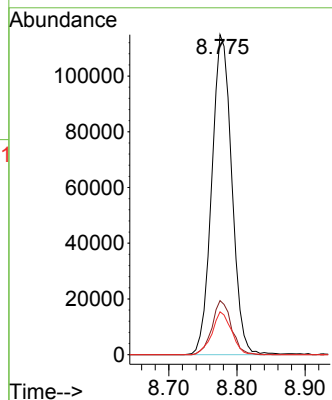
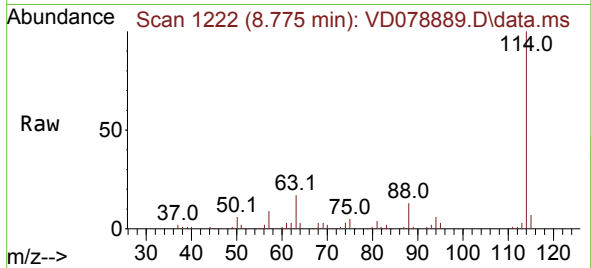




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

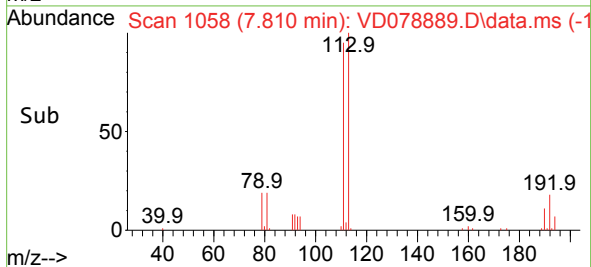
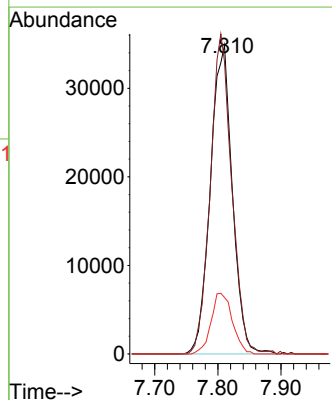
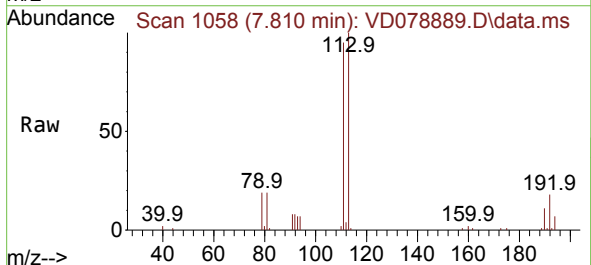
Instrument :
MSVOA_D
ClientSampleId :

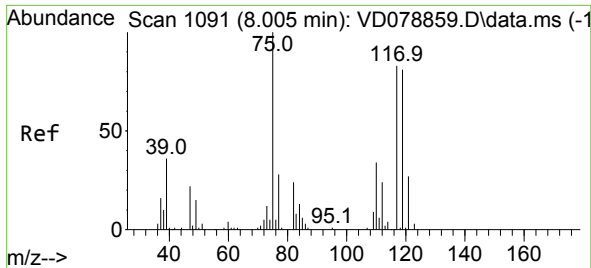
Tgt Ion:114 Resp: 234566
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.4
88 13.4 0.0 24.6



#35
Dibromofluoromethane
Concen: 49.022 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

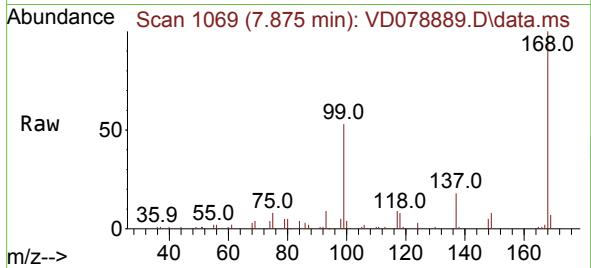
Tgt Ion:113 Resp: 84429
Ion Ratio Lower Upper
113 100
111 100.4 81.9 122.9
192 19.0 15.4 23.0



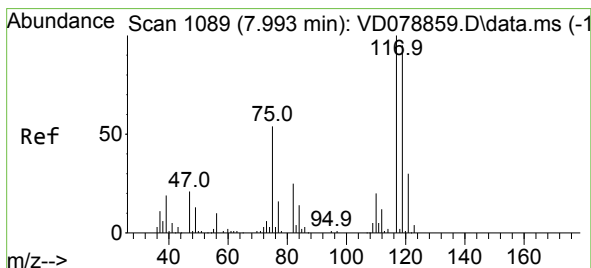
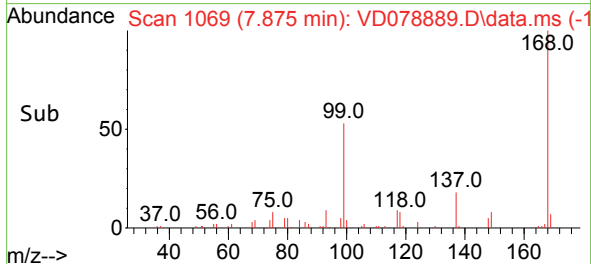
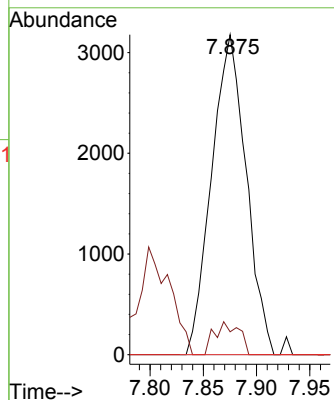


#36
1,1-Dichloropropene
Concen: 3.234 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

Instrument :
MSVOA_D
ClientSampleId :

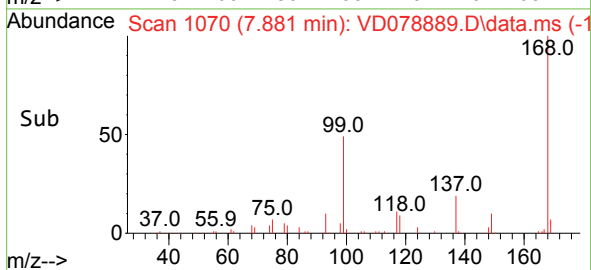
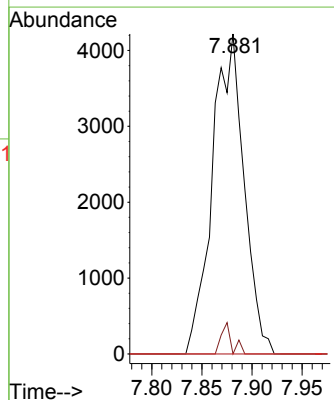
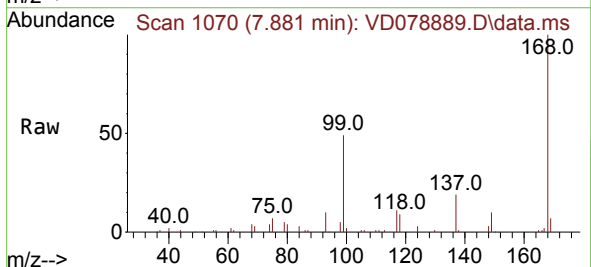


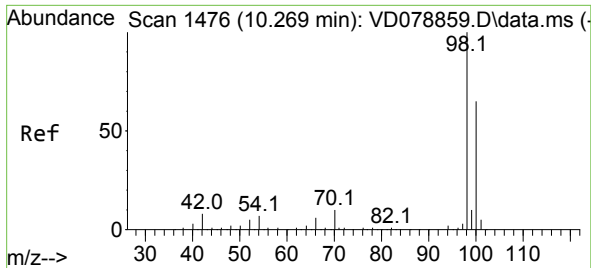
Tgt Ion: 75 Resp: 7164
Ion Ratio Lower Upper
75 100
110 7.3 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 3.631 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

Tgt Ion: 117 Resp: 9258
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
121 0.0 26.8 40.2#

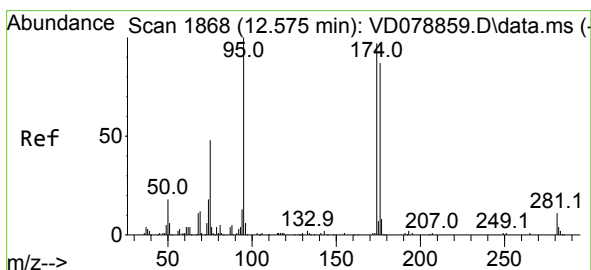
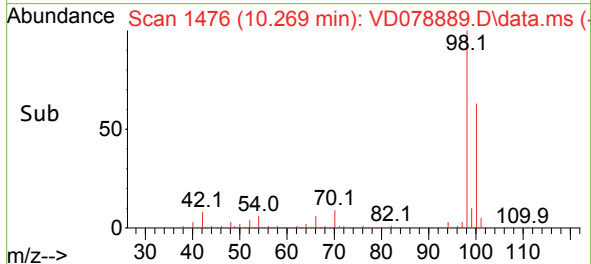
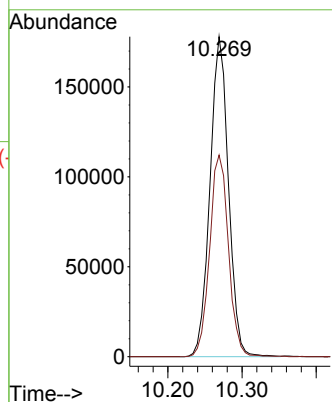
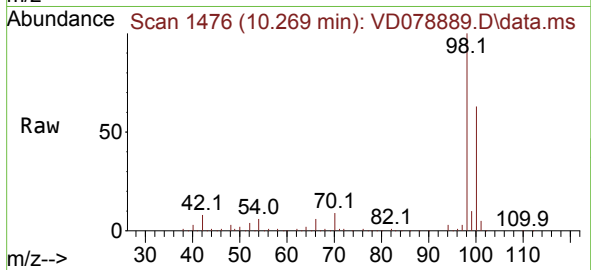




#50
Toluene-d8
Concen: 46.620 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

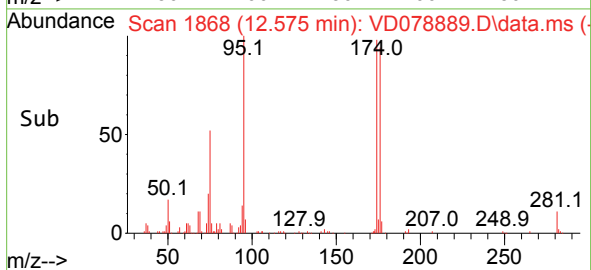
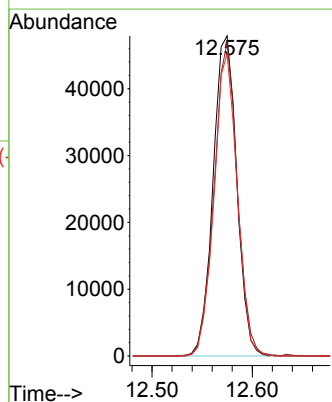
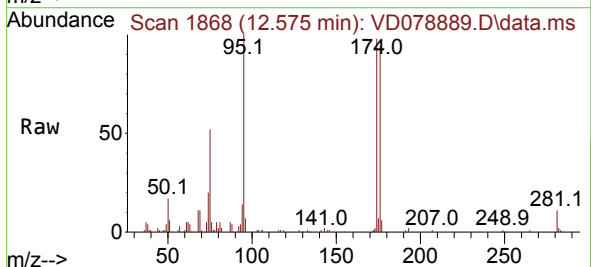
Instrument :
MSVOA_D
ClientSampleId :

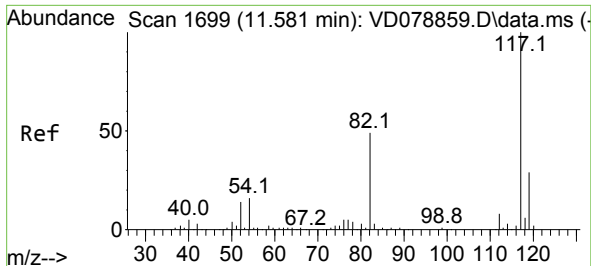
Tgt Ion: 98 Resp: 308131
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 41.358 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

Tgt Ion: 95 Resp: 78232
Ion Ratio Lower Upper
95 100
174 96.5 0.0 195.2
176 92.6 0.0 188.2

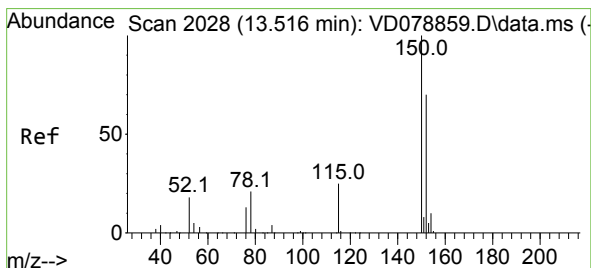
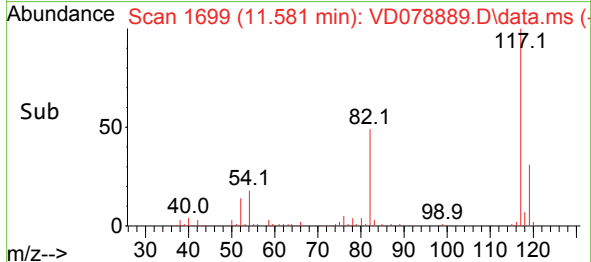
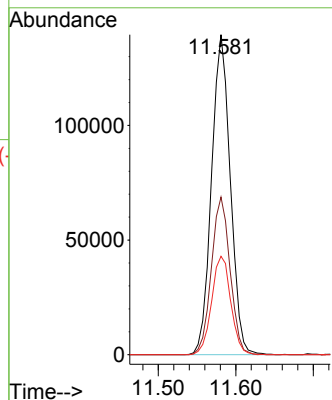
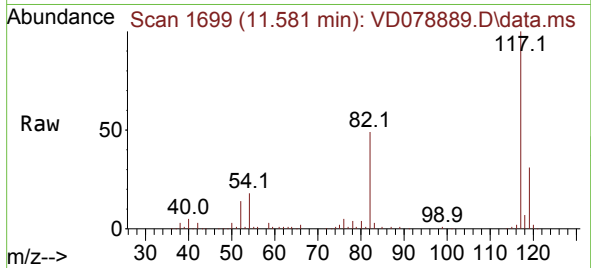




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

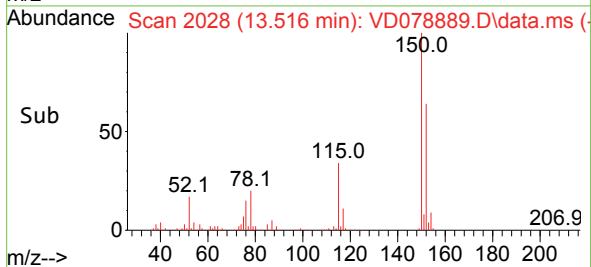
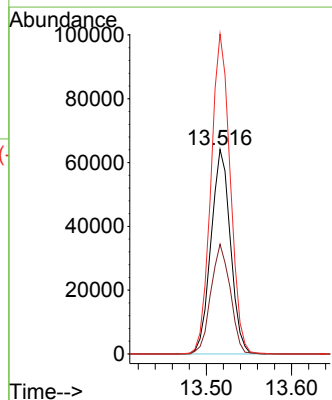
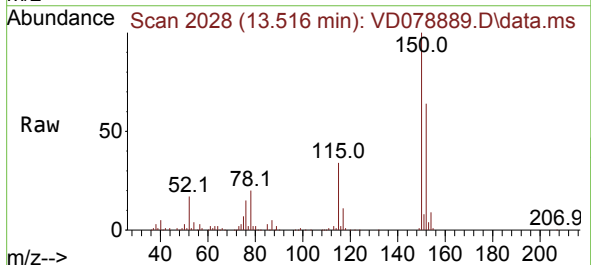
Instrument :
MSVOA_D
ClientSampleId :

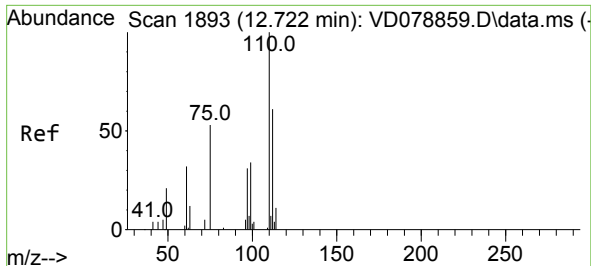
Tgt Ion:117 Resp: 235013
Ion Ratio Lower Upper
117 100
82 49.3 41.4 62.2
119 30.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

Tgt Ion:152 Resp: 101846
Ion Ratio Lower Upper
152 100
115 53.4 27.1 81.2
150 155.4 0.0 350.2

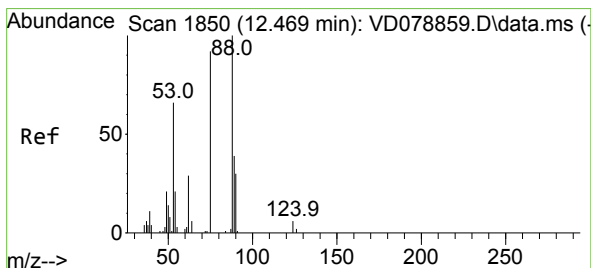
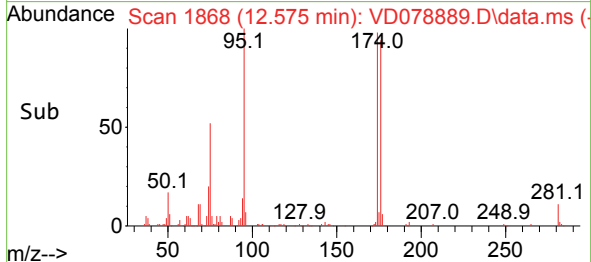
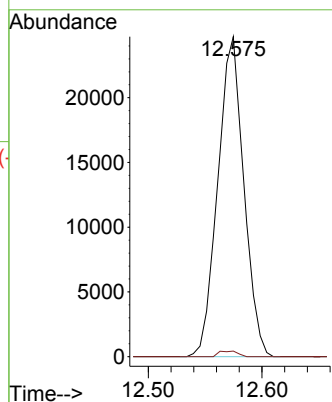
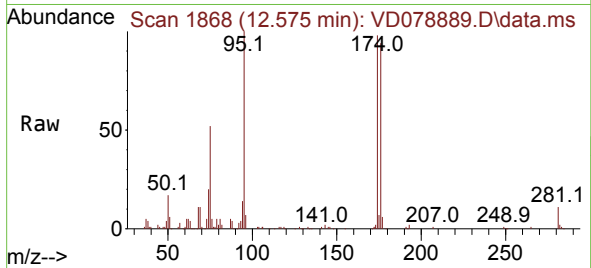




#76
1,2,3-Trichloropropane
Concen: 46.379 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 39297
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.617 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078889.D
Acq: 08 May 2024 15:16

Tgt Ion: 75 Resp: 39297
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.1 35.4 53.0#

