

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074504.D
 Acq On : 10 Oct 2022 16:01
 Operator : VA/SY
 Sample : N5066-05
 Misc : 6.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-6(13-14)

Quant Time: Oct 11 08:21:21 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)

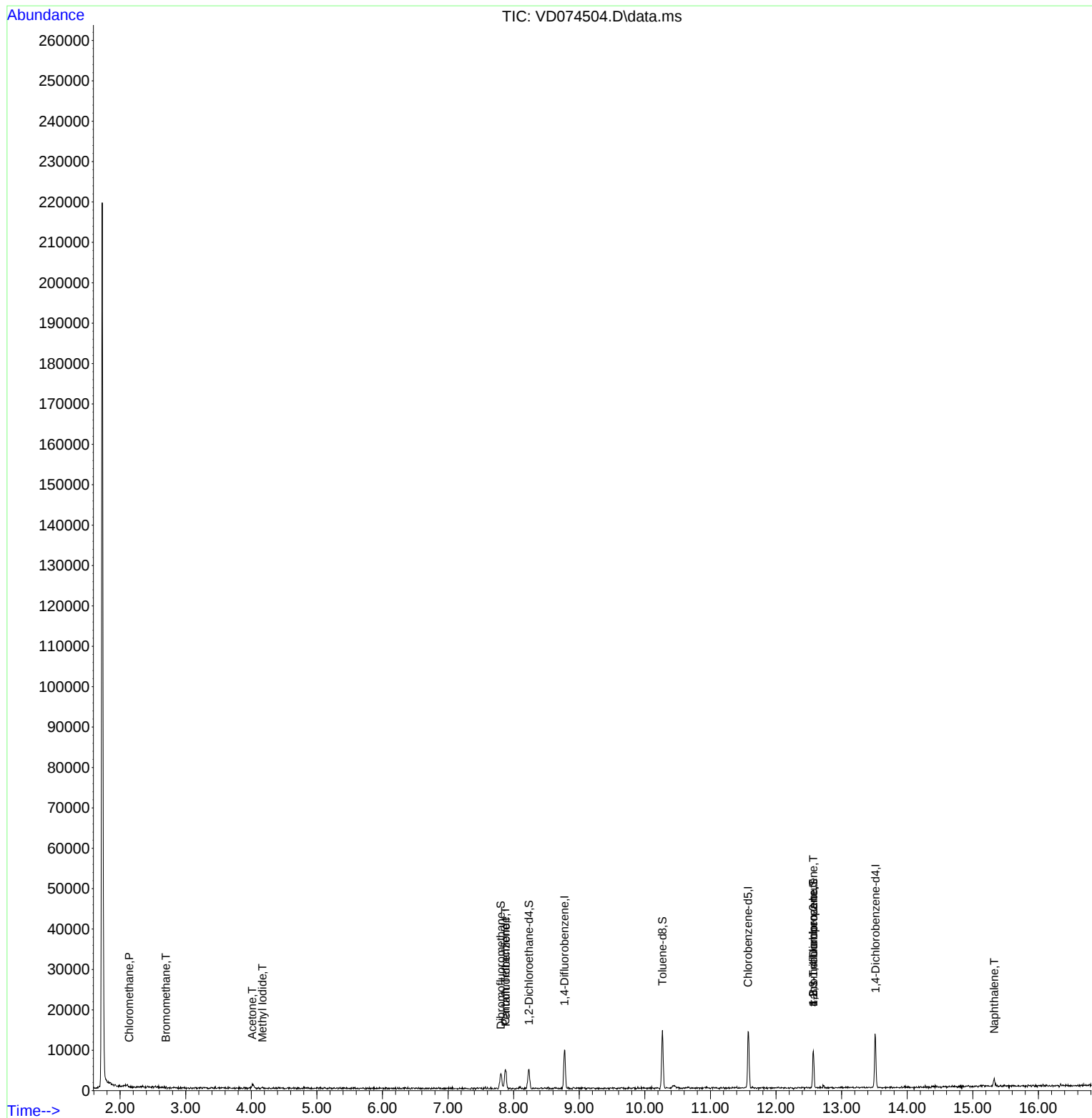
Internal Standards						
1) Pentafluorobenzene	7.881	168	4721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	10099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	9704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3751	89.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.860%#	
35) Dibromofluoromethane	7.804	113	3226	48.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.880%	
50) Toluene-d8	10.269	98	10717	44.274	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.540%	
62) 4-Bromofluorobenzene	12.569	95	3316	43.284	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	357	6.210	ug/l #	37
5) Bromomethane	2.699	94	139	4.760	ug/l #	3
10) Methyl Iodide	4.169	142	161	7.813	ug/l #	43
16) Acetone	4.016	43	1532	145.763	ug/l #	84
20) Methylene Chloride	4.793	84	221	Below Cal	#	18
38) Carbon Tetrachloride	7.875	117	325	3.924	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	1717	49.278	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	1717	109.946	ug/l #	17
95) Naphthalene	15.328	128	2443	15.104	ug/l	97

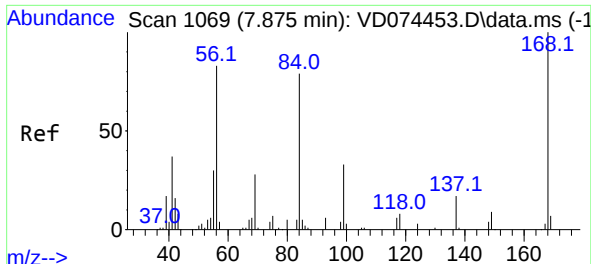
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
Data File : VD074504.D
Acq On : 10 Oct 2022 16:01
Operator : VA/SY
Sample : N5066-05
Misc : 6.58G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

Quant Time: Oct 11 08:21:21 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

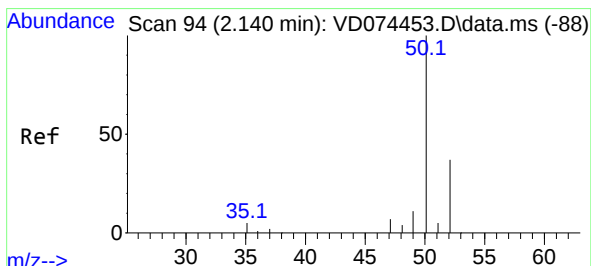
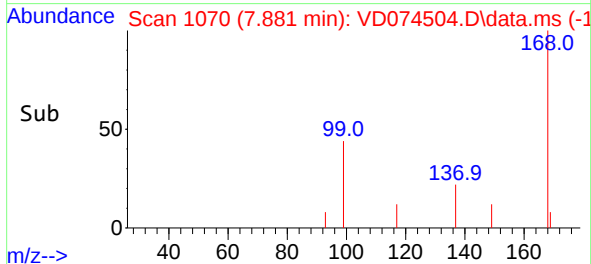
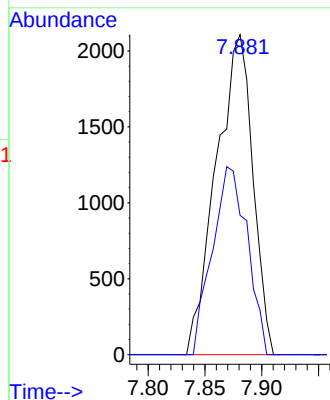
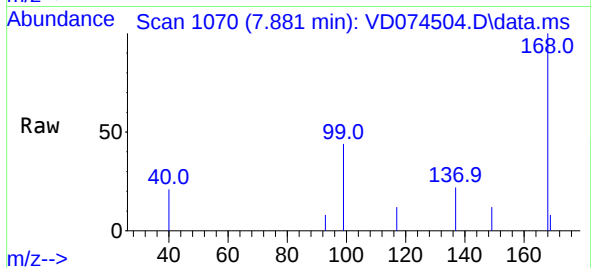




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

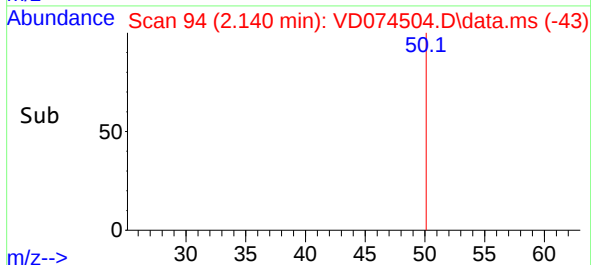
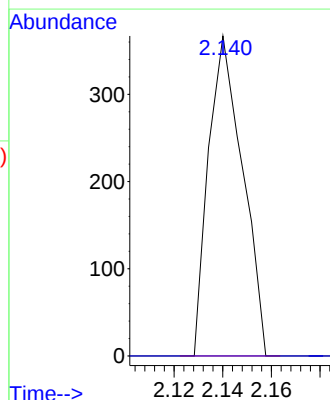
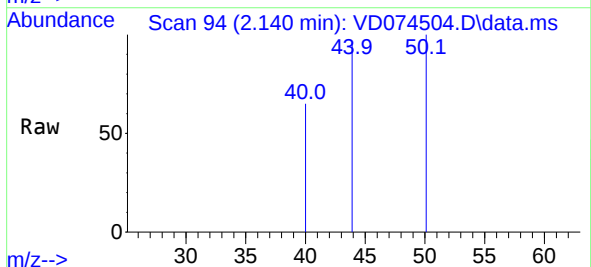
Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

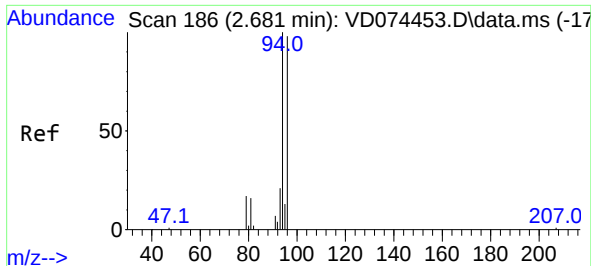
Tgt Ion:168 Resp: 4721
Ion Ratio Lower Upper
168 100
99 43.6 40.9 61.3



#3
Chloromethane
Concen: 6.210 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.000 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

Tgt Ion: 50 Resp: 357
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

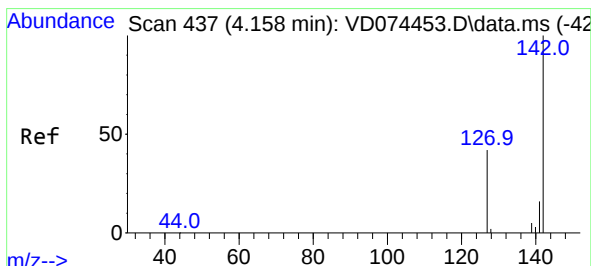
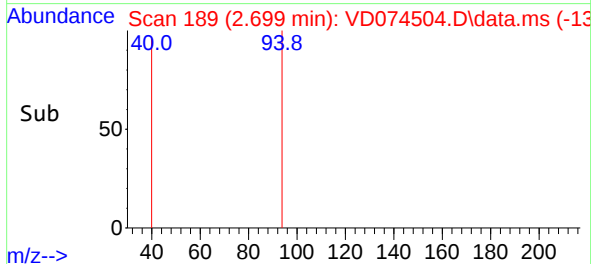
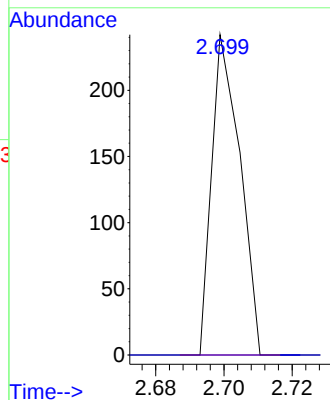
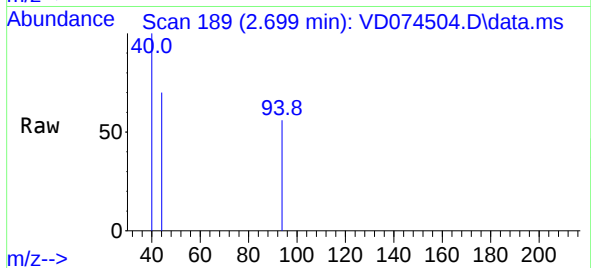




#5
Bromomethane
Concen: 4.760 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.018 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

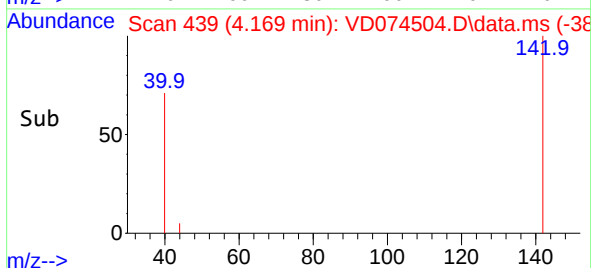
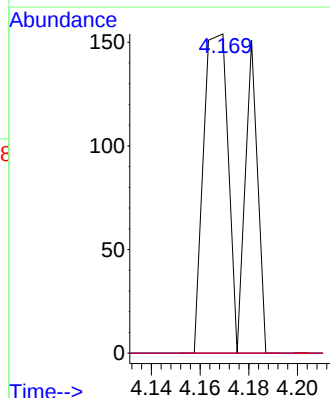
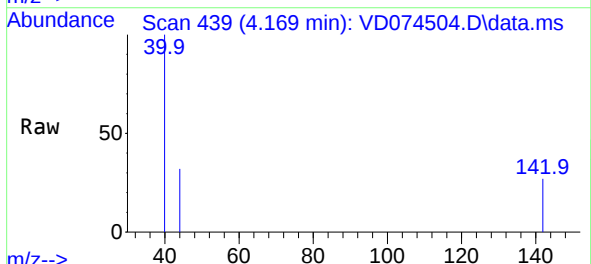
Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

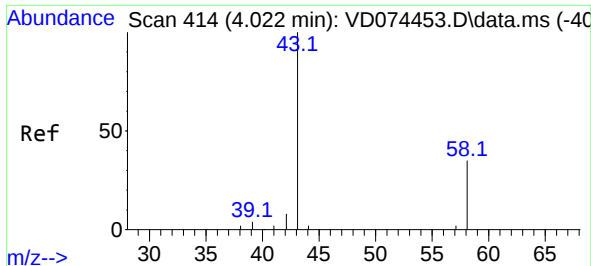
Tgt Ion: 94 Resp: 139
Ion Ratio Lower Upper
94 100
96 0.0 74.6 112.0#



#10
Methyl Iodide
Concen: 7.813 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

Tgt Ion: 142 Resp: 161
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

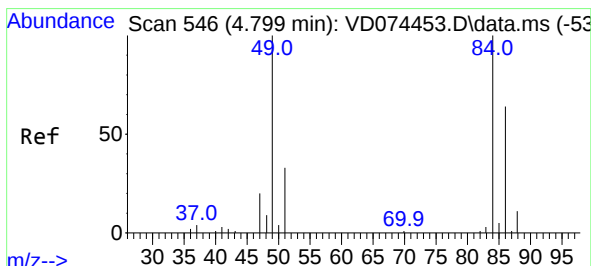
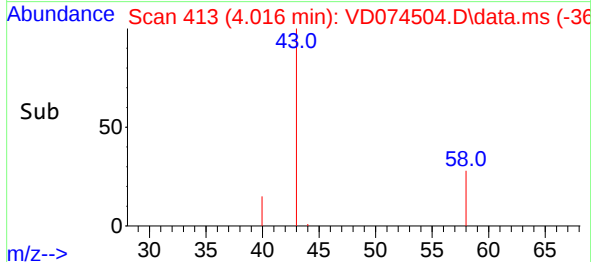
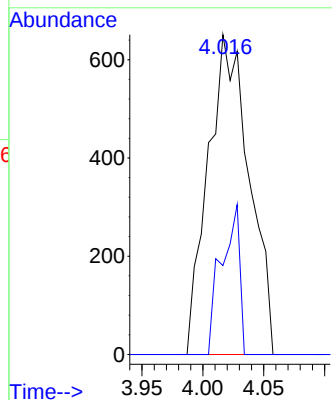
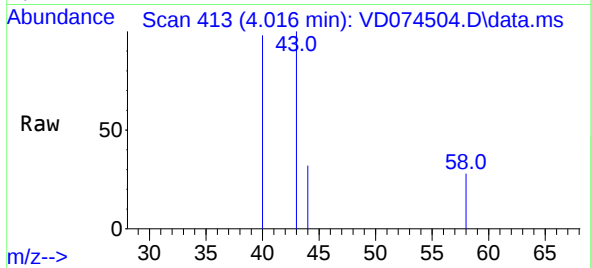




#16
Acetone
Concen: 145.763 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

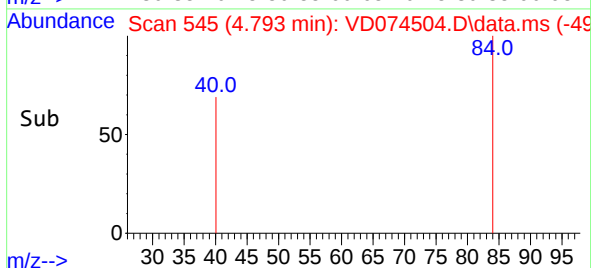
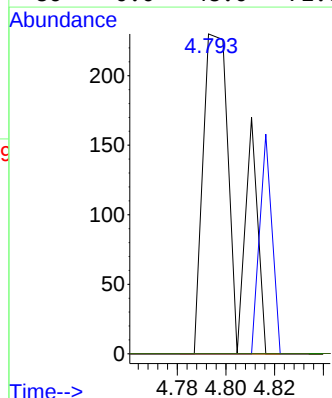
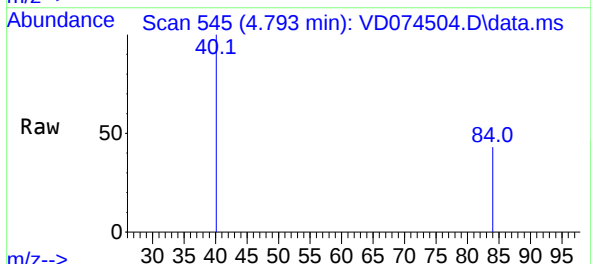
Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

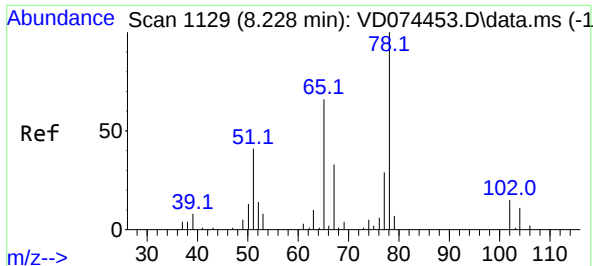
Tgt Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
58 27.8 30.2 45.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

Tgt Ion: 84 Resp: 221
Ion Ratio Lower Upper
84 100
49 0.0 68.0 102.0#
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#

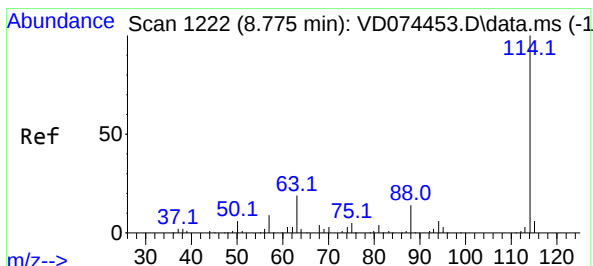
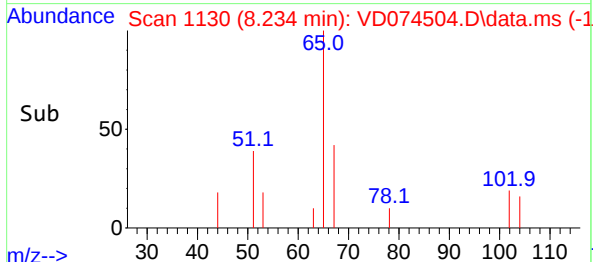
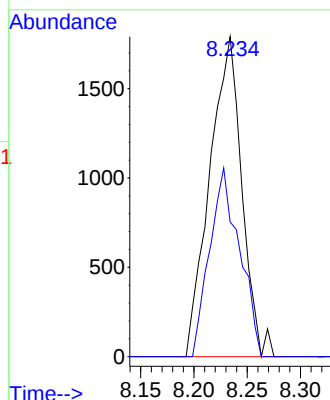
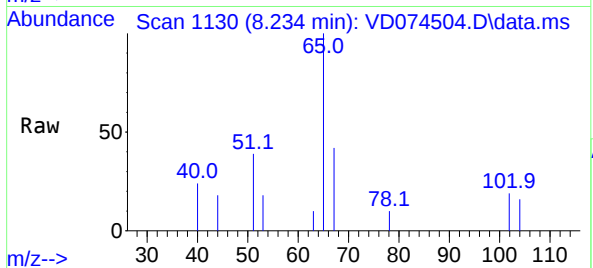




#33
1,2-Dichloroethane-d4
Concen: 89.428 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

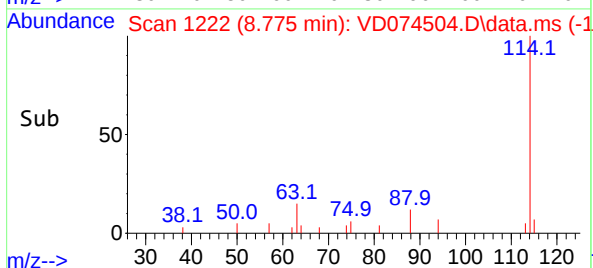
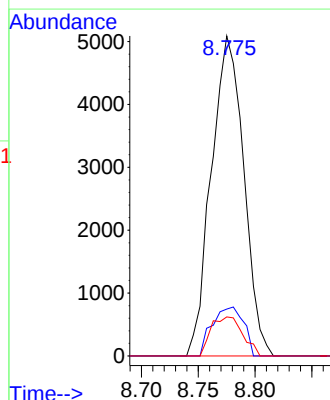
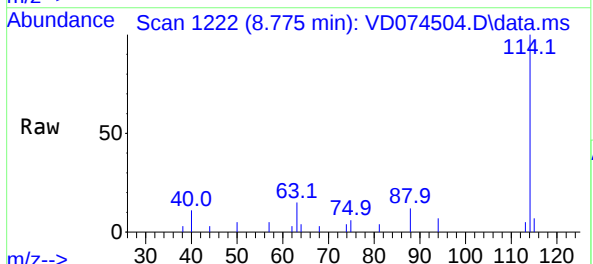
Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

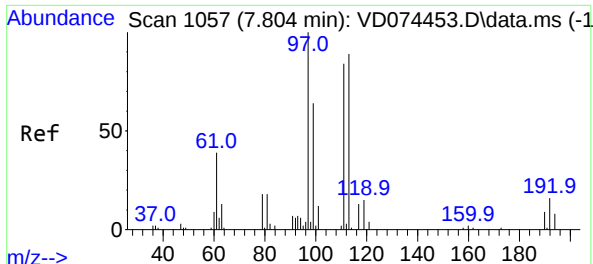
Tgt Ion: 65 Resp: 3751
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

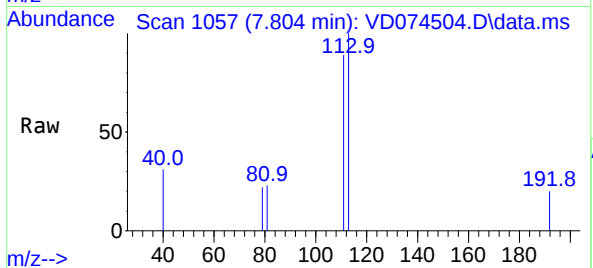
Tgt Ion: 114 Resp: 10099
Ion Ratio Lower Upper
114 100
63 14.7 0.0 33.2
88 12.2 0.0 28.2



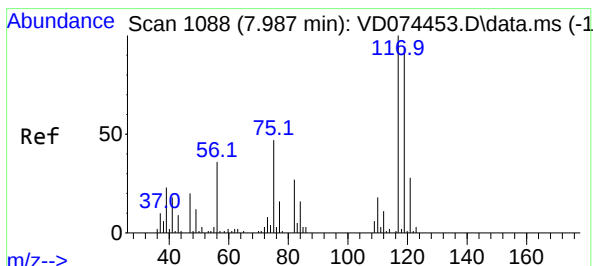
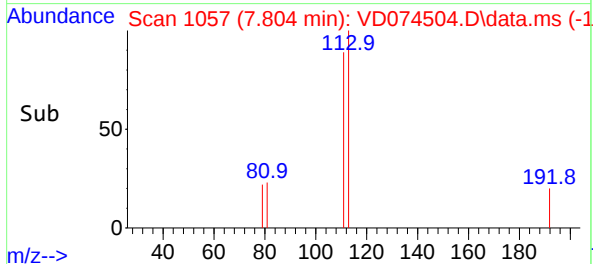
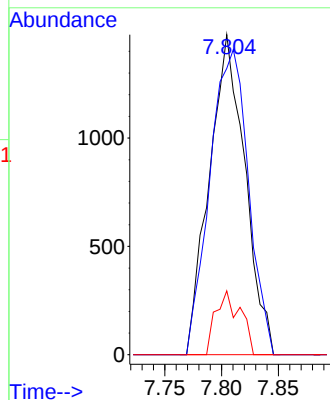


#35
Dibromofluoromethane
Concen: 48.443 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

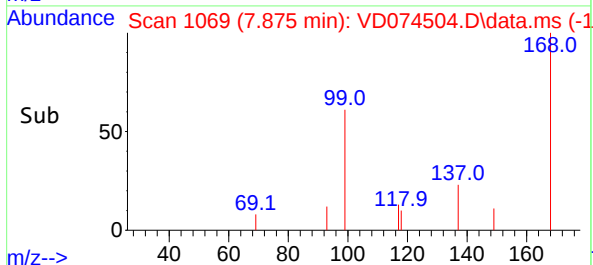
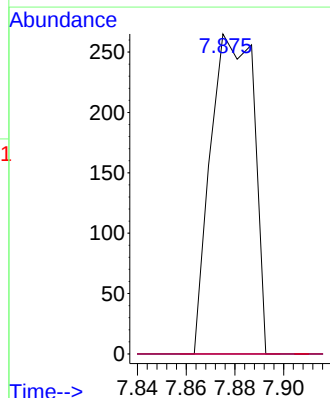
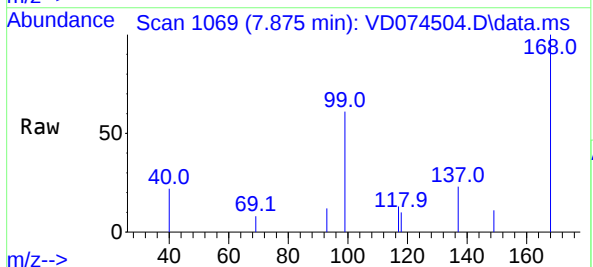


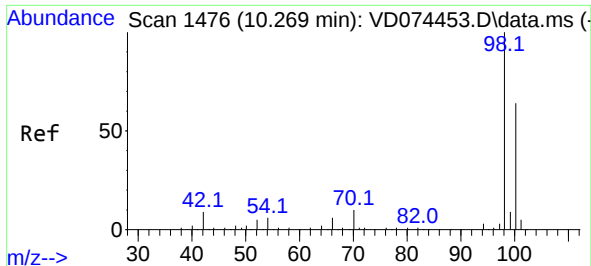
Tgt Ion:113 Resp: 3226
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 13.7 16.4 24.6#



#38
Carbon Tetrachloride
Concen: 3.924 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

Tgt Ion:117 Resp: 325
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#

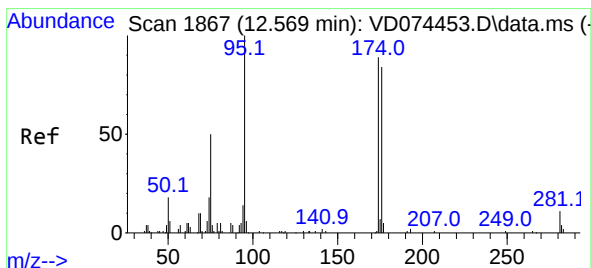
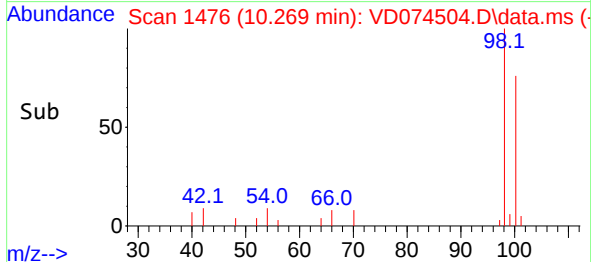
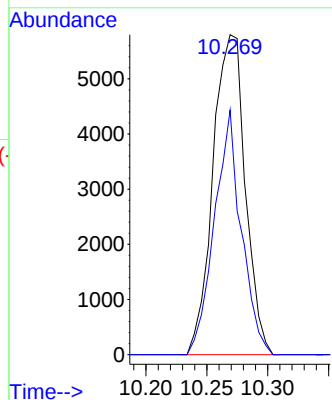
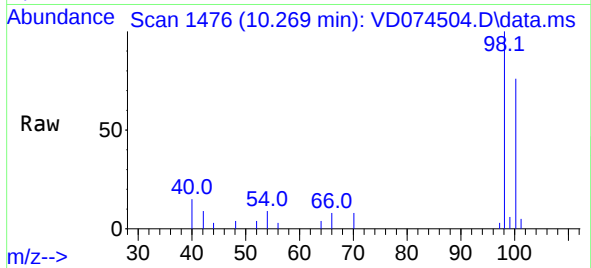




#50
Toluene-d8
Concen: 44.274 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

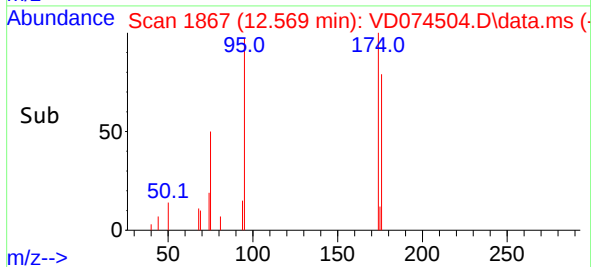
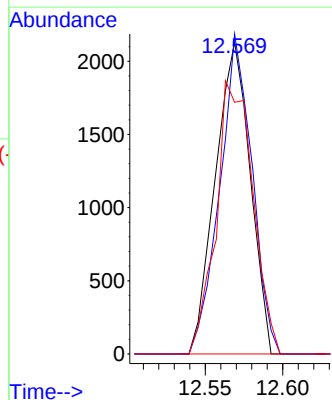
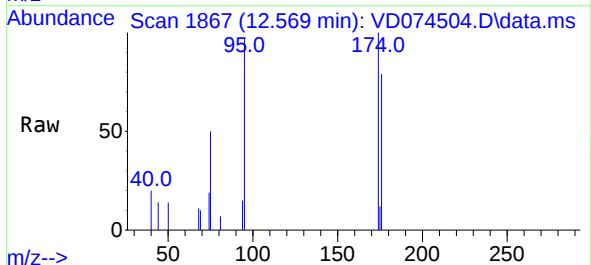
Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

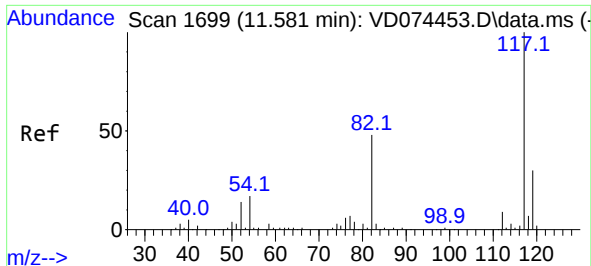
Tgt Ion: 98 Resp: 10717
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.284 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

Tgt Ion: 95 Resp: 3316
Ion Ratio Lower Upper
95 100
174 95.4 0.0 197.0
176 92.7 0.0 182.6

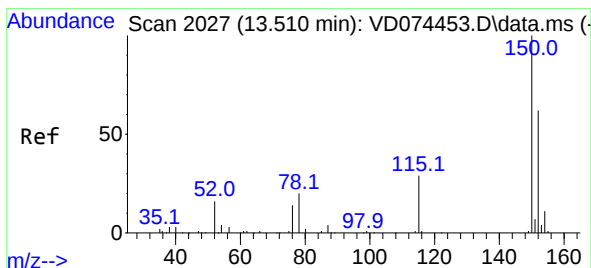
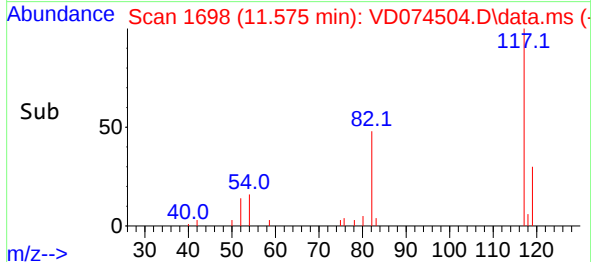
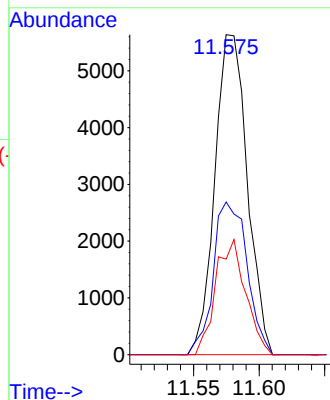
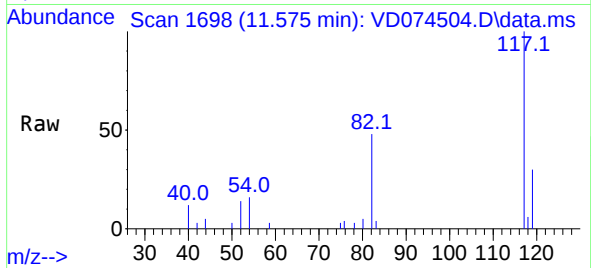




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

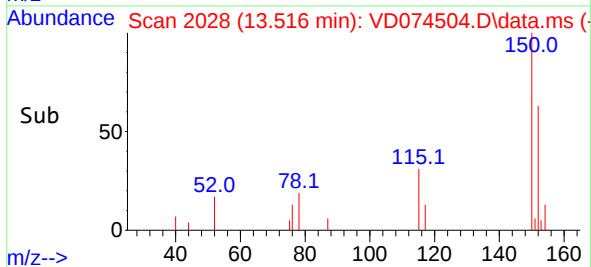
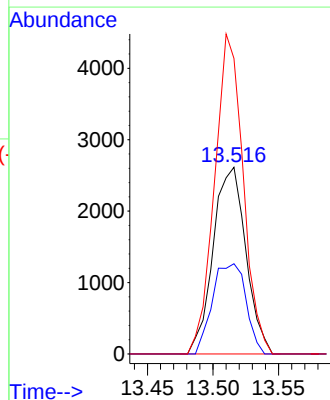
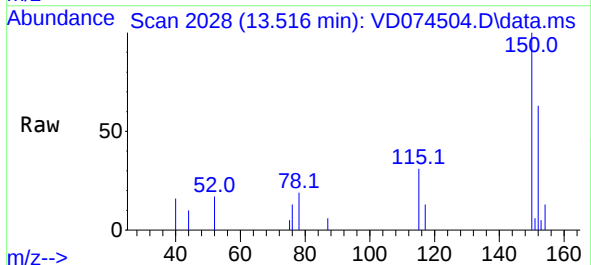
Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

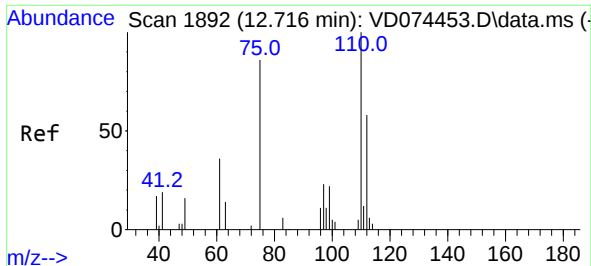
Tgt Ion:	117	Resp:	9704
Ion	Ratio	Lower	Upper
117	100		
82	47.7	41.6	62.4
119	29.9	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

Tgt Ion:	152	Resp:	4539
Ion	Ratio	Lower	Upper
152	100		
115	49.4	26.8	80.4
150	149.7	0.0	348.2

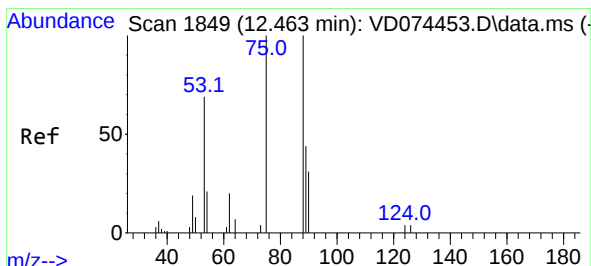
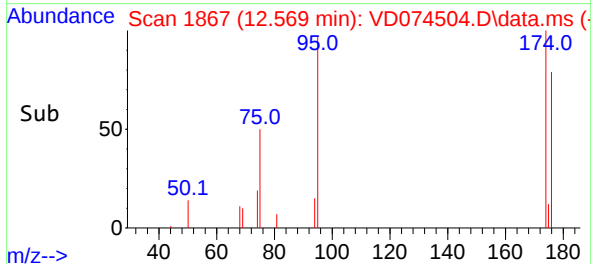
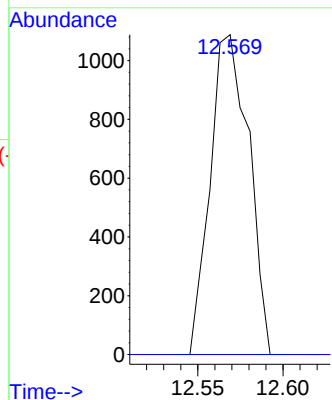
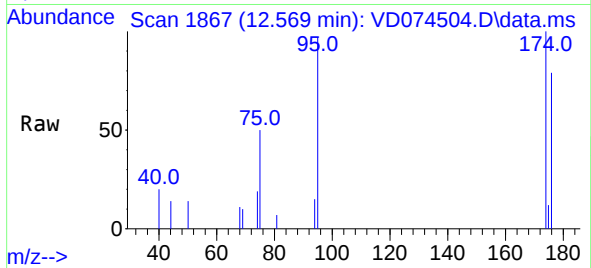




#76
1,2,3-Trichloropropane
Concen: 49.278 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

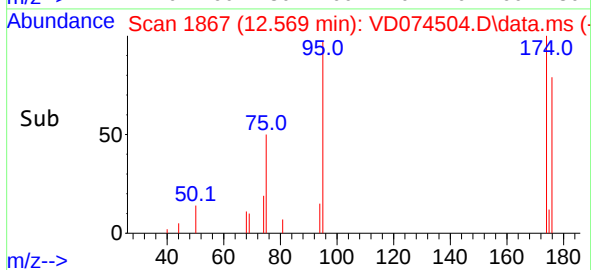
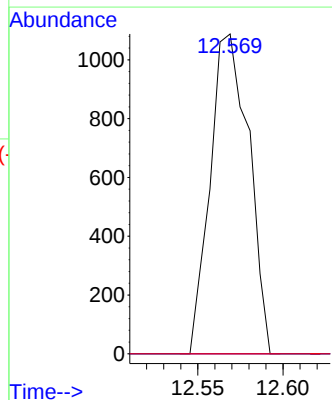
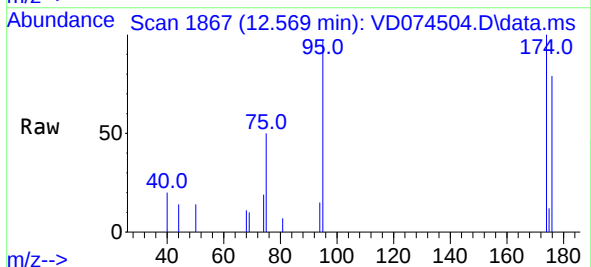
Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

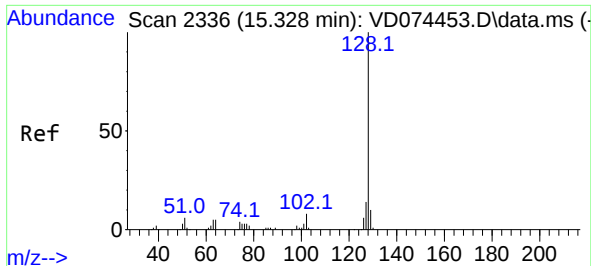
Tgt Ion: 75 Resp: 1717
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.946 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

Tgt Ion: 75 Resp: 1717
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#





#95

Naphthalene

Concen: 15.104 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD074504.D

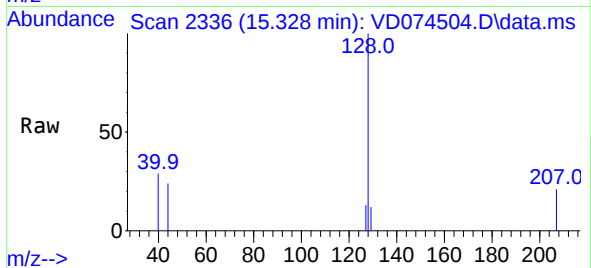
Acq: 10 Oct 2022 16:01

Instrument :

MSVOA_D

ClientSampleId :

B-6(13-14)



Tgt Ion:128 Resp: 2443

Ion Ratio Lower Upper

128 100

127 11.6 10.6 16.0

129 10.1 8.3 12.5

