

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076741.D
 Acq On : 14 Jul 2023 14:45
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jul 17 04:52:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 04:42:51 2023
 Response via : Initial Calibration

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

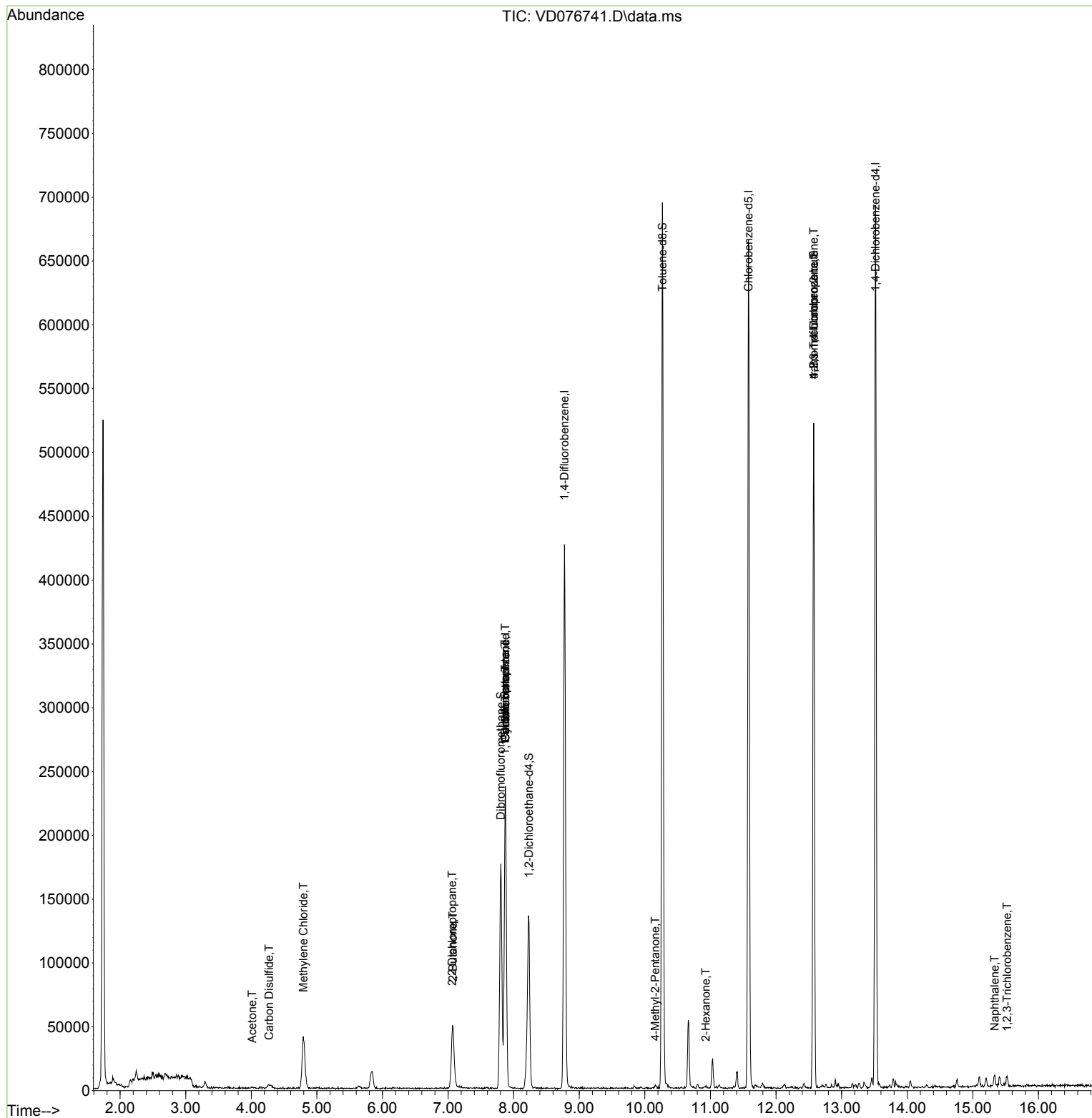
Internal Standards						
1) Pentafluorobenzene	7.875	168	180107	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	392404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	387718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	183949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	100459	53.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.960%	
35) Dibromofluoromethane	7.804	113	127090	50.132	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.260%	
50) Toluene-d8	10.269	98	478269	52.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.980%	
62) 4-Bromofluorobenzene	12.575	95	161619	55.981	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	1757	3.997	ug/l	# 73
17) Carbon Disulfide	4.269	76	5331	1.279	ug/l	# 76
20) Methylene Chloride	4.793	84	33502	4.834	ug/l	94
25) 2-Butanone	7.075	43	2813	4.788	ug/l	# 37
26) 2,2-Dichloropropane	7.063	77	4152	1.262	ug/l	# 49
31) Cyclohexane	7.875	56	4114	1.535	ug/l	# 22
36) 1,1-Dichloropropene	7.869	75	15321	4.761	ug/l	# 49
38) Carbon Tetrachloride	7.875	117	18098	5.896	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.157	43	1568	1.040	ug/l	# 82
59) 2-Hexanone	10.928	43	1376	1.276	ug/l	69
76) 1,2,3-Trichloropropane	12.575	75	84593	51.668	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	84593	103.915	ug/l	# 17
95) Naphthalene	15.333	128	8786	1.207	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	3240	1.065	ug/l	93

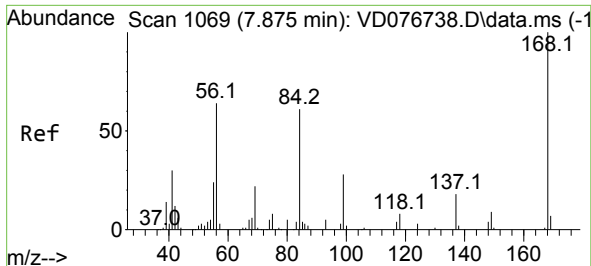
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
Data File : VD076741.D
Acq On : 14 Jul 2023 14:45
Operator : KP/SY
Sample : VIBLK
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Jul 17 04:52:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 04:42:51 2023
Response via : Initial Calibration

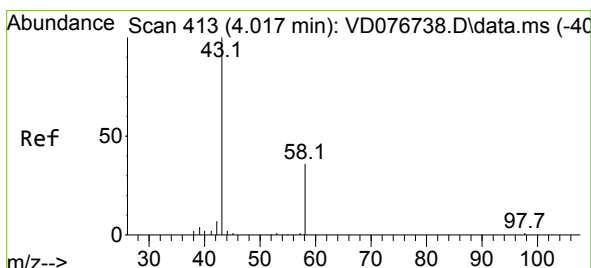
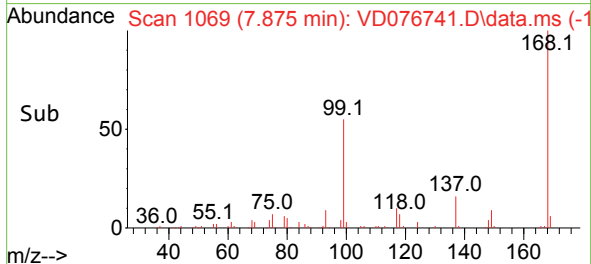
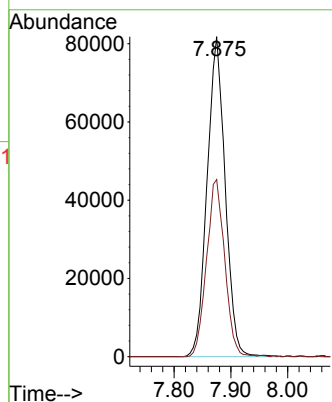
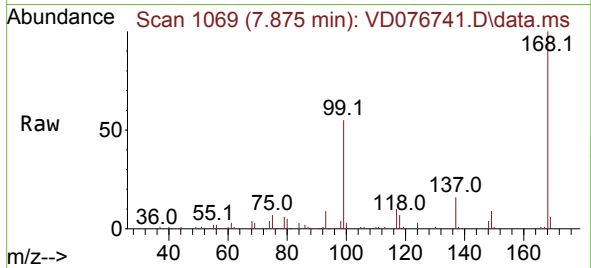




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

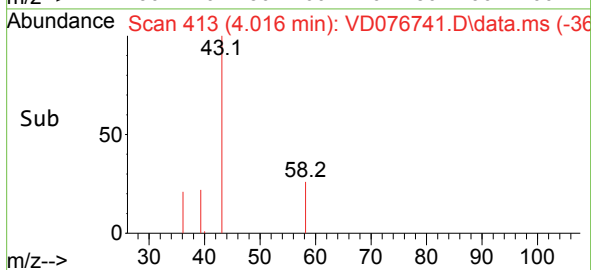
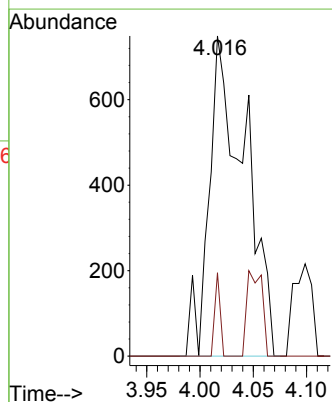
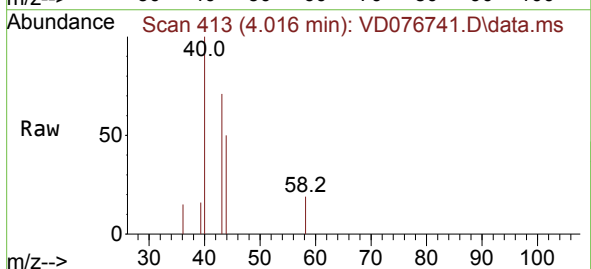
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

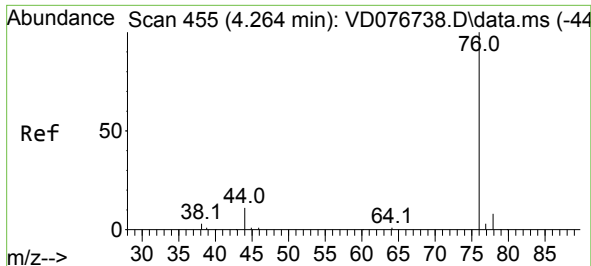
Tgt Ion:168 Resp: 180107
Ion Ratio Lower Upper
168 100
99 55.3 36.7 55.1#



#16
Acetone
Concen: 3.997 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

Tgt Ion: 43 Resp: 1757
Ion Ratio Lower Upper
43 100
58 26.0 34.7 52.1#

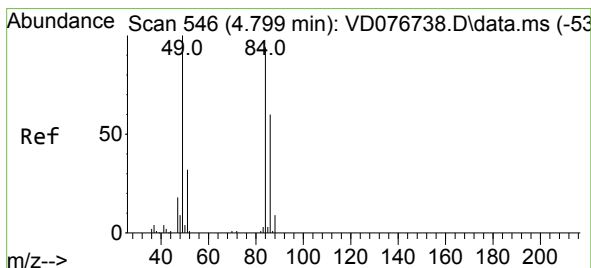
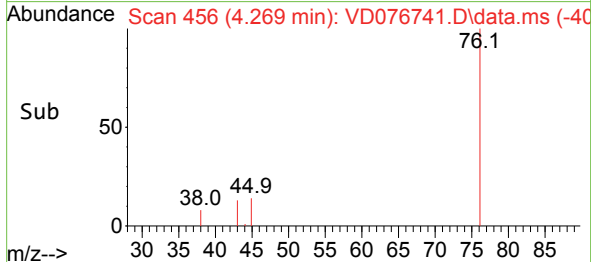
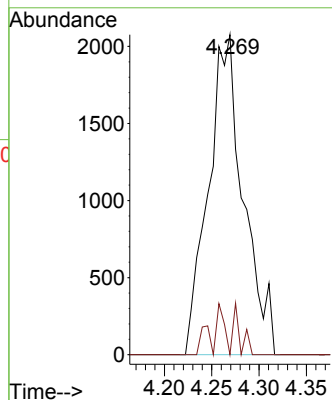
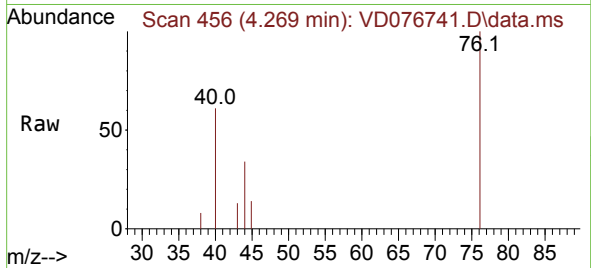




#17
Carbon Disulfide
Concen: 1.279 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

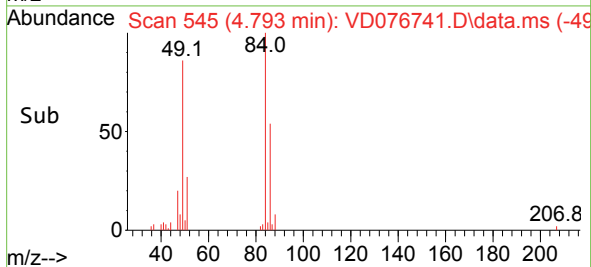
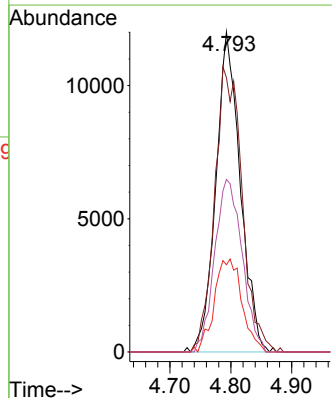
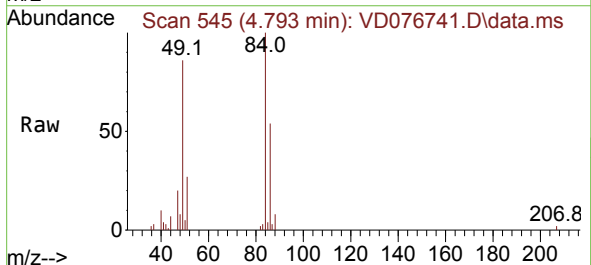
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

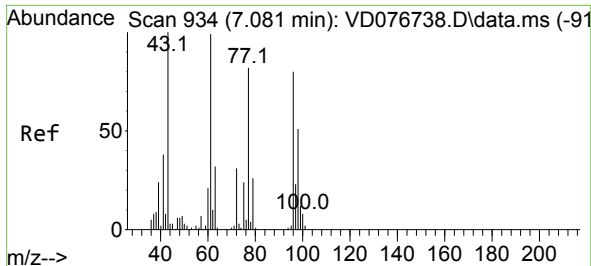
Tgt Ion: 76 Resp: 5331
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 4.834 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

Tgt Ion: 84 Resp: 33502
Ion Ratio Lower Upper
84 100
49 85.7 71.4 107.2
51 27.3 24.5 36.7
86 53.9 48.7 73.1

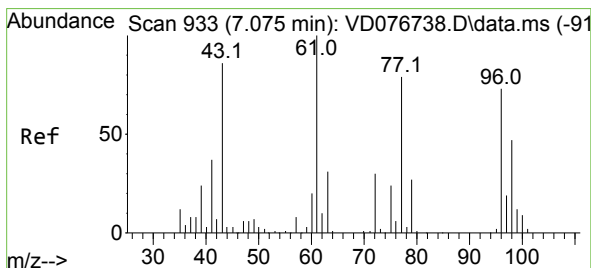
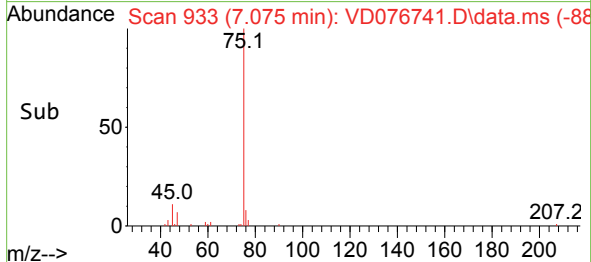
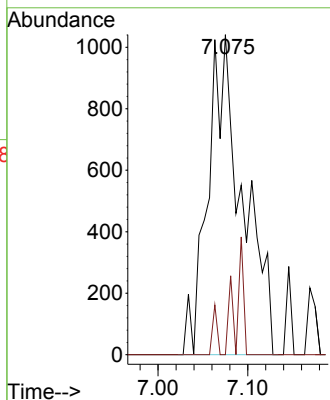
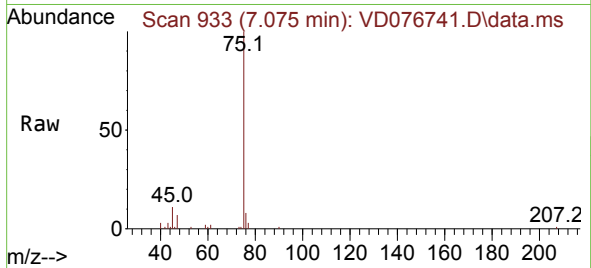




#25
2-Butanone
Concen: 4.788 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

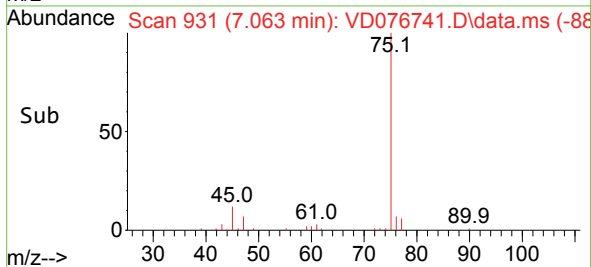
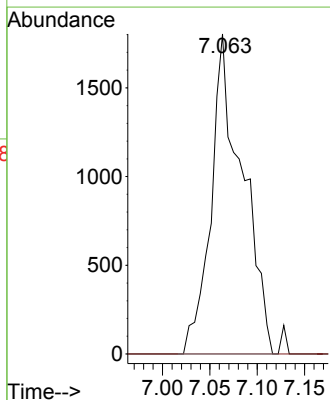
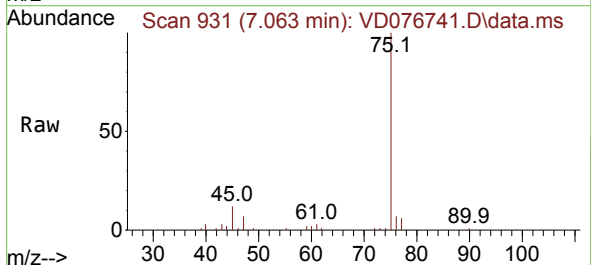
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

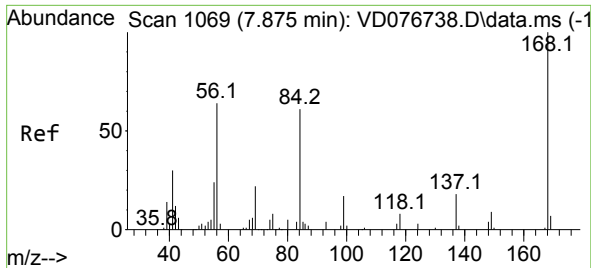
Tgt Ion: 43 Resp: 2813
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 1.262 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.012 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

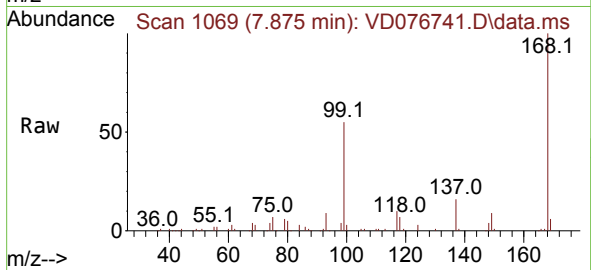
Tgt Ion: 77 Resp: 4152
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



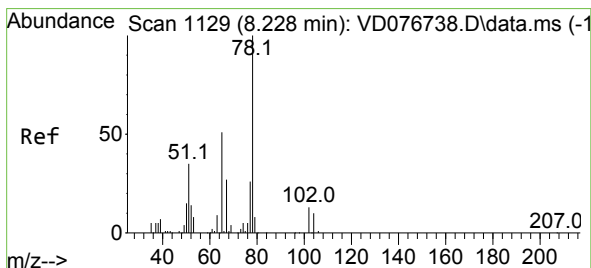
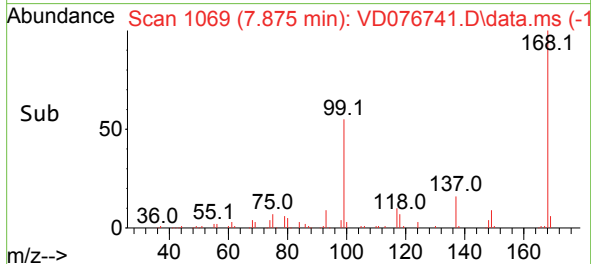
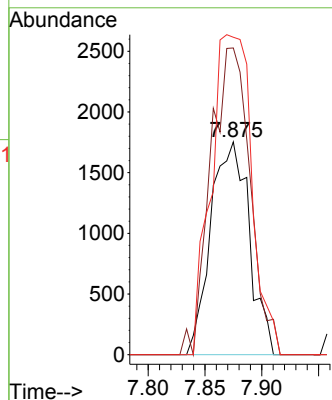


#31
Cyclohexane
Concen: 1.535 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

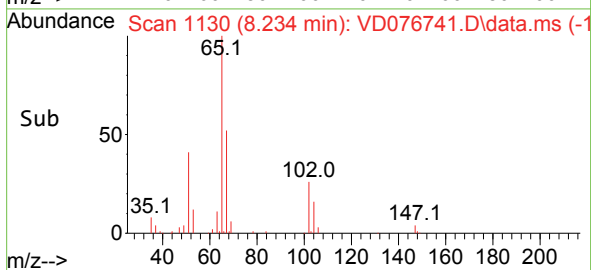
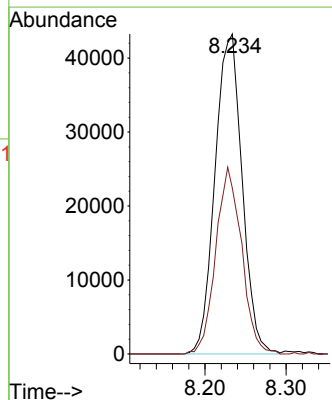
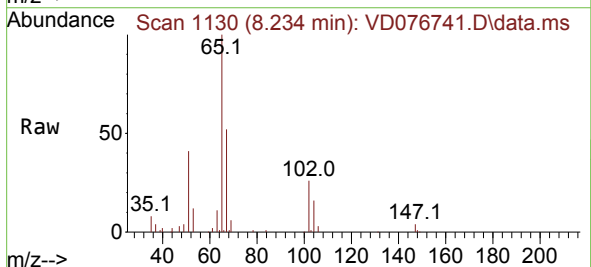


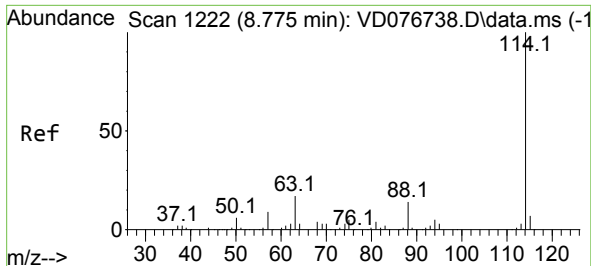
Tgt Ion: 56 Resp: 4114
Ion Ratio Lower Upper
56 100
69 144.1 28.6 43.0#
84 149.1 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 53.976 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

Tgt Ion: 65 Resp: 100459
Ion Ratio Lower Upper
65 100
67 55.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076741.D

Acq: 14 Jul 2023 14:45

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

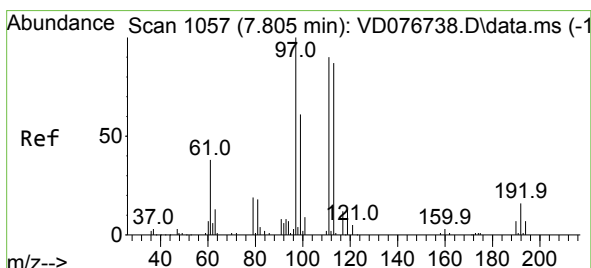
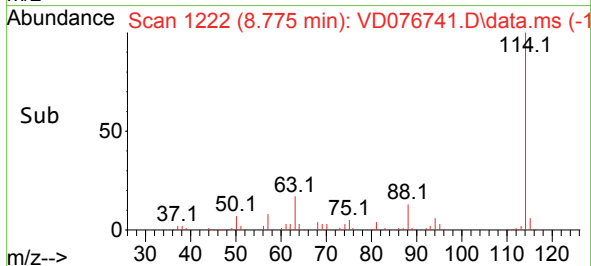
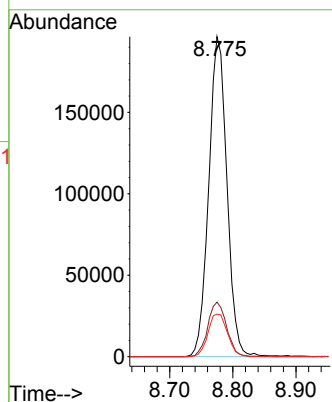
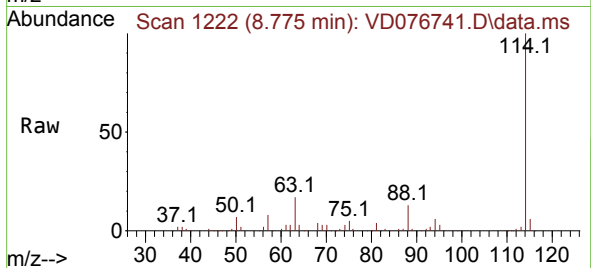
Tgt Ion:114 Resp: 392404

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.132 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076741.D

Acq: 14 Jul 2023 14:45

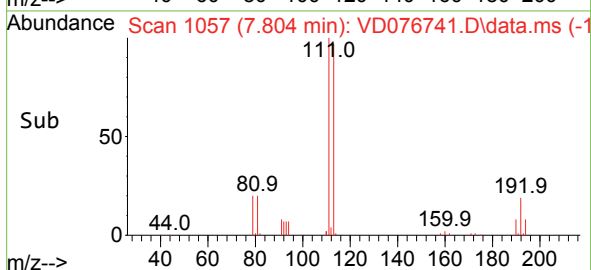
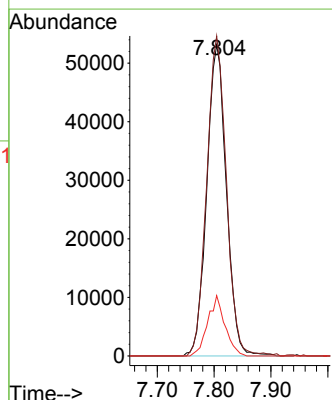
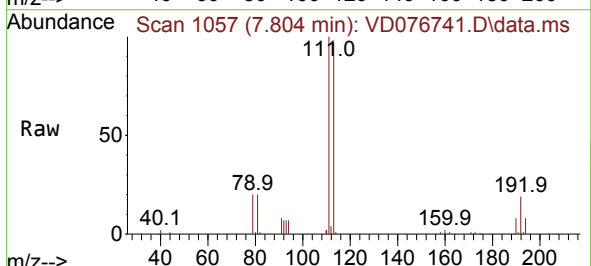
Tgt Ion:113 Resp: 127090

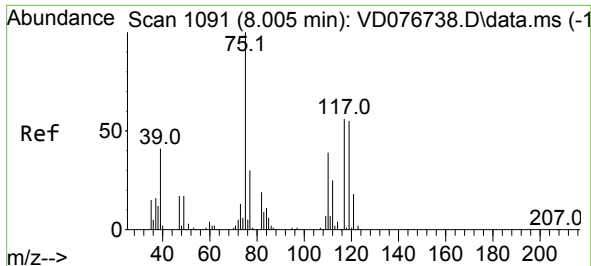
Ion Ratio Lower Upper

113 100

111 103.3 84.7 127.1

192 17.1 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.761 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD076741.D

Acq: 14 Jul 2023 14:45

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

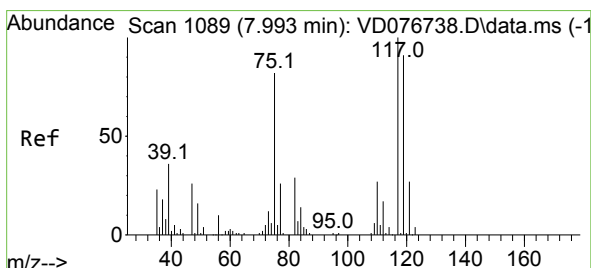
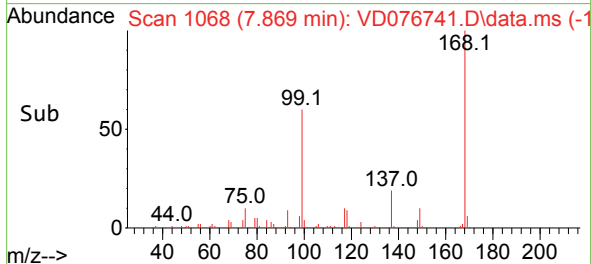
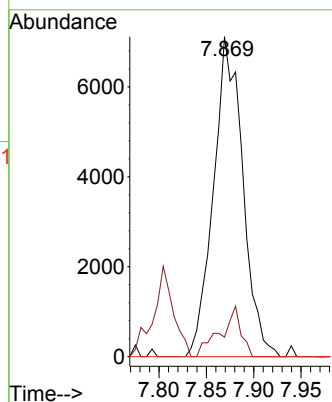
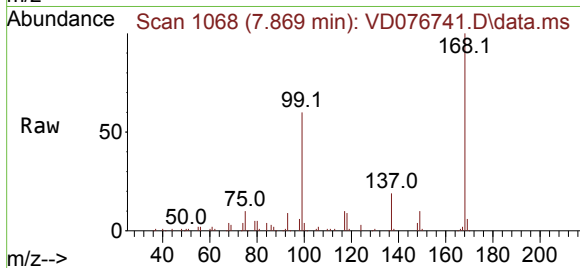
Tgt Ion: 75 Resp: 15321

Ion Ratio Lower Upper

75 100

110 11.1 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.896 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076741.D

Acq: 14 Jul 2023 14:45

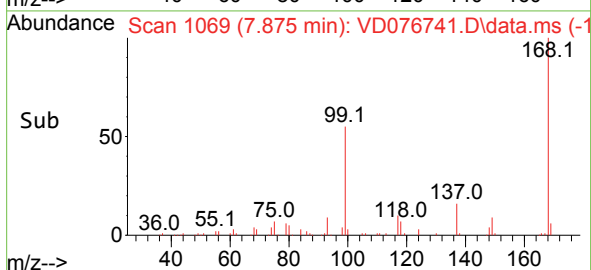
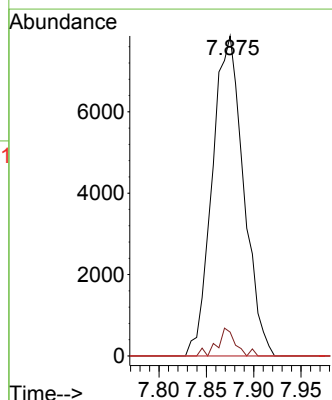
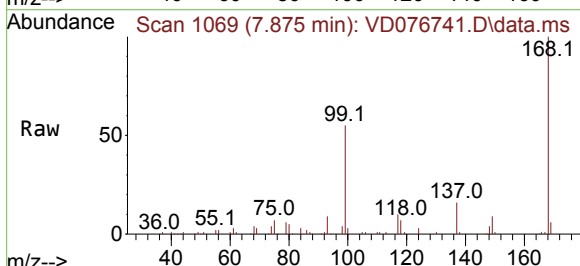
Tgt Ion: 117 Resp: 18098

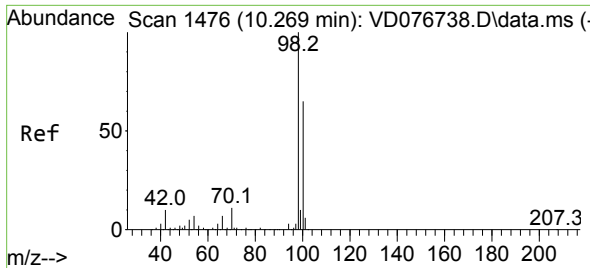
Ion Ratio Lower Upper

117 100

119 7.4 78.0 117.0#

121 0.0 24.2 36.2#

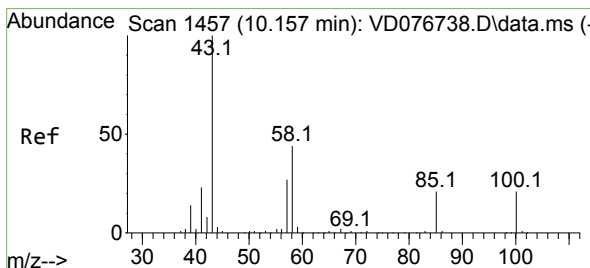
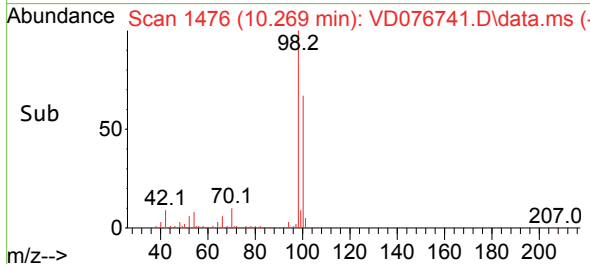
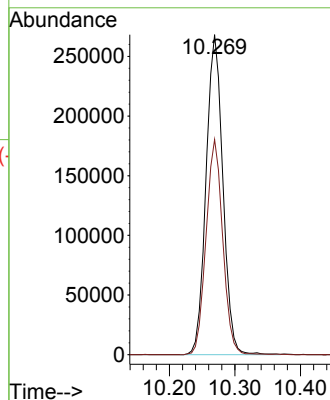
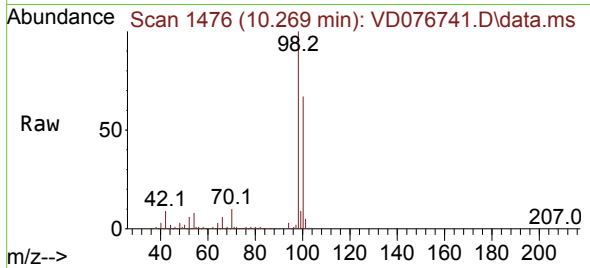




#50
Toluene-d8
Concen: 52.993 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

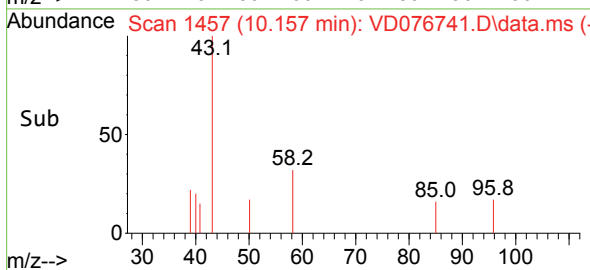
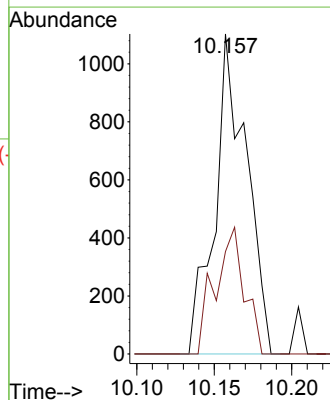
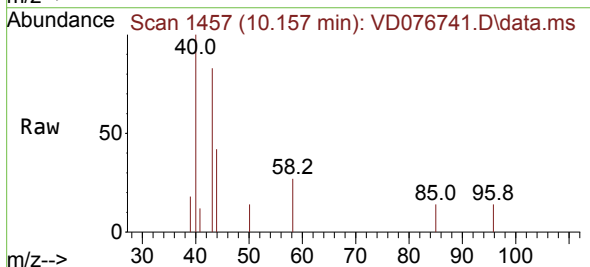
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

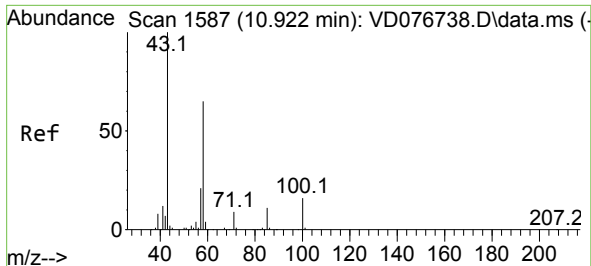
Tgt Ion: 98 Resp: 478269
Ion Ratio Lower Upper
98 100
100 66.7 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.040 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
58 36.5 38.9 58.3#

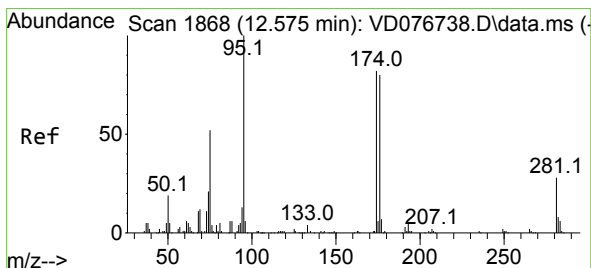
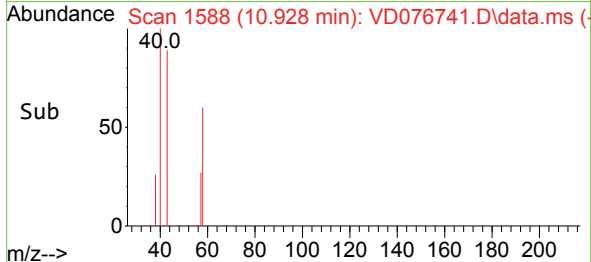
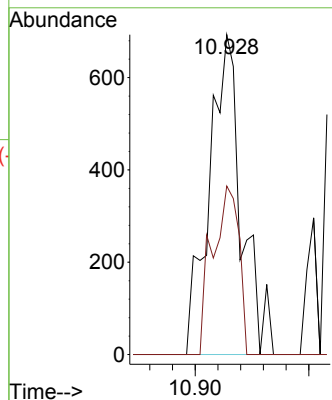
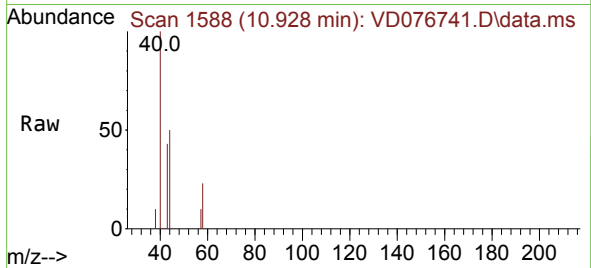




#59
2-Hexanone
Concen: 1.276 ug/l
RT: 10.928 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

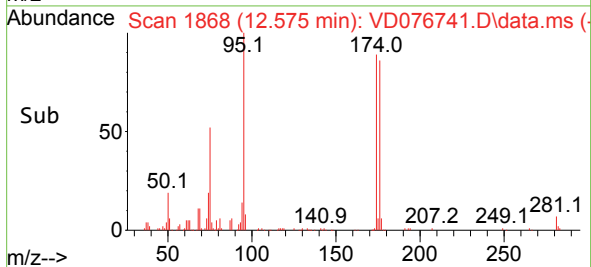
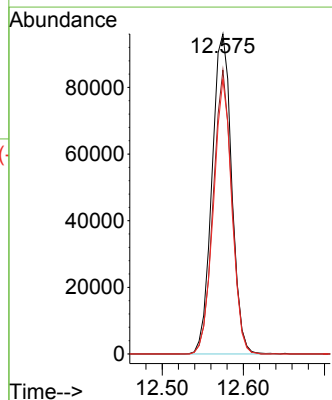
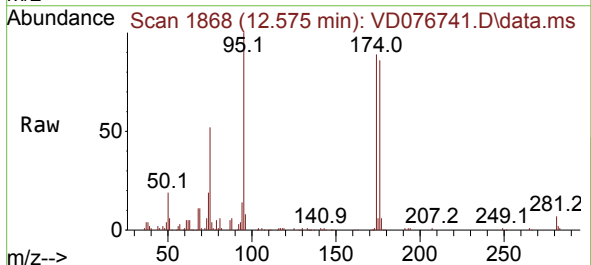
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

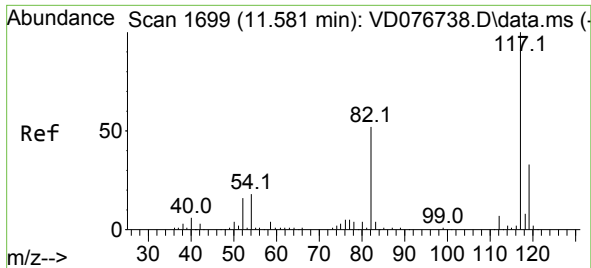
Tgt Ion: 43 Resp: 1376
Ion Ratio Lower Upper
43 100
58 43.0 34.1 102.2



#62
4-Bromofluorobenzene
Concen: 55.981 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

Tgt Ion: 95 Resp: 161619
Ion Ratio Lower Upper
95 100
174 84.0 0.0 201.8
176 80.5 0.0 191.8

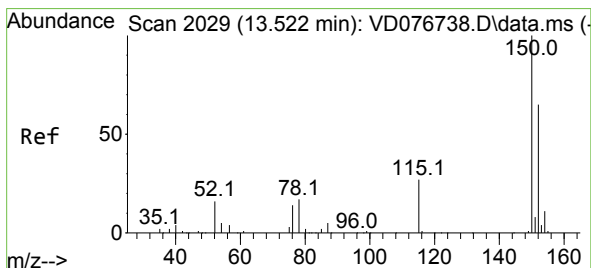
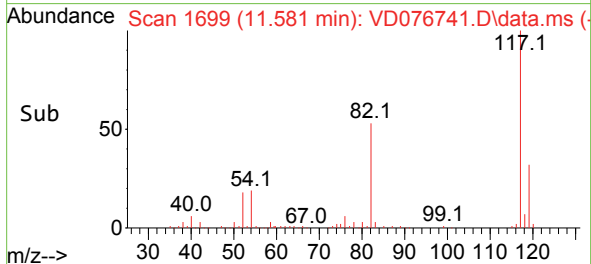
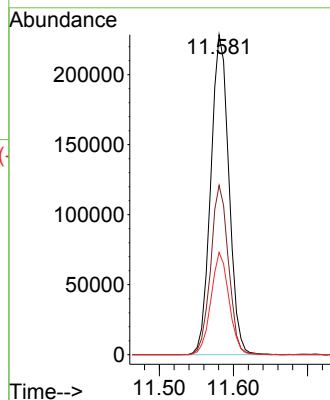
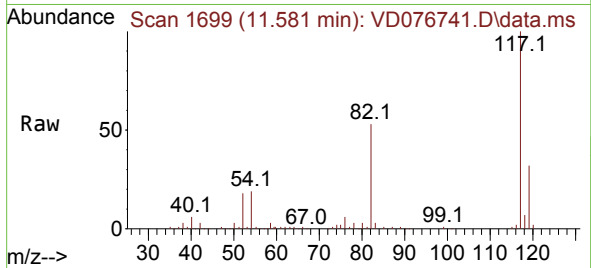




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

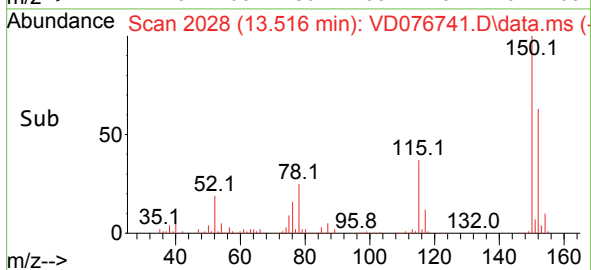
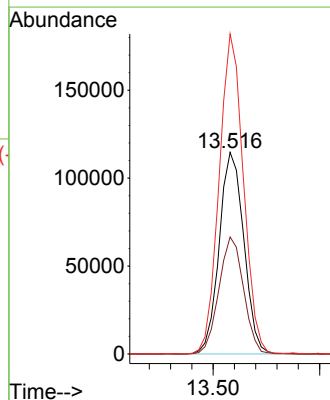
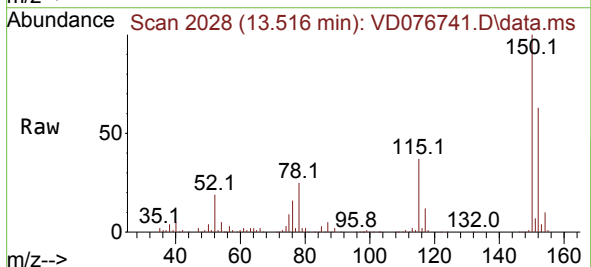
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

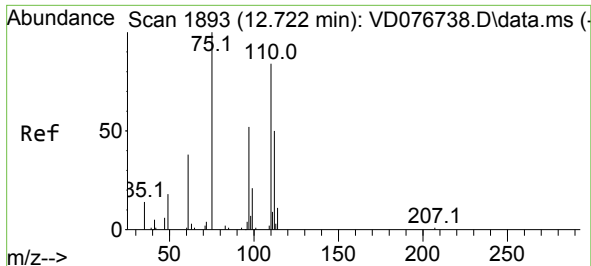
Tgt Ion:117 Resp: 387718
Ion Ratio Lower Upper
117 100
82 52.9 38.3 57.5
119 31.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

Tgt Ion:152 Resp: 183949
Ion Ratio Lower Upper
152 100
115 58.1 27.1 81.3
150 156.2 0.0 353.6

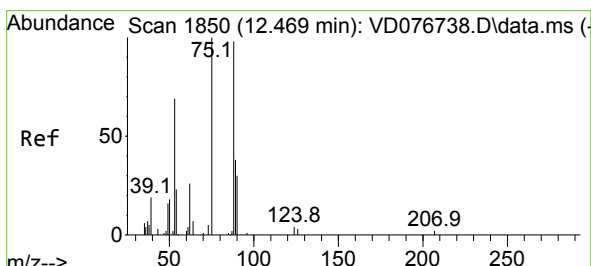
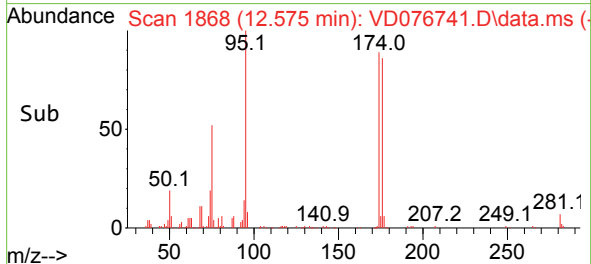
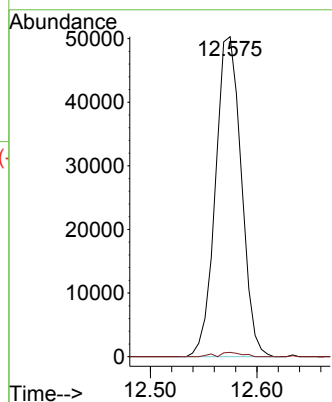
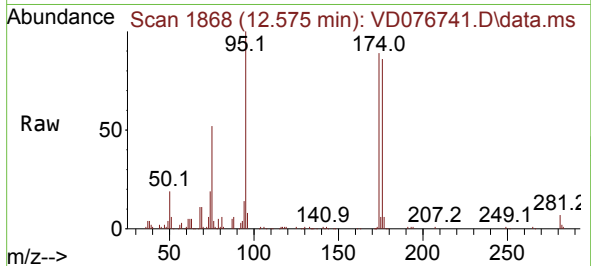




#76
1,2,3-Trichloropropane
Concen: 51.668 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

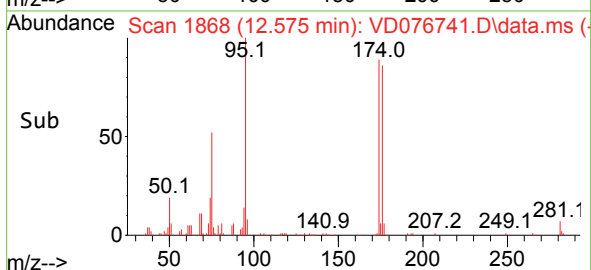
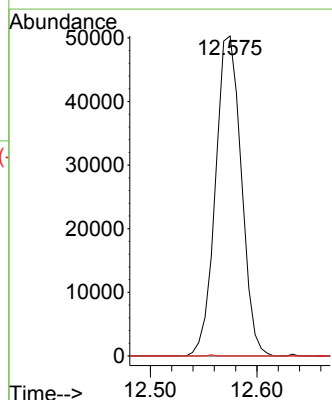
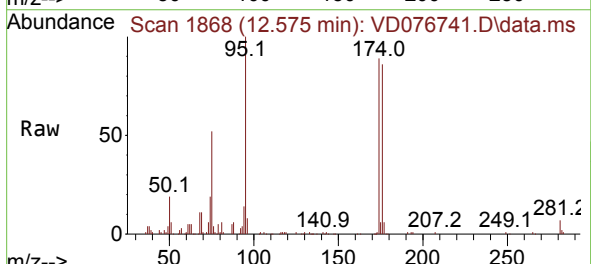
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

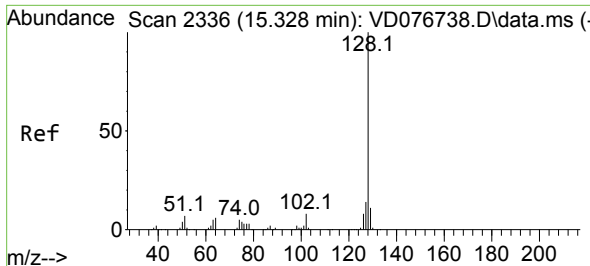
Tgt Ion: 75 Resp: 84593
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.915 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

Tgt Ion: 75 Resp: 84593
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#

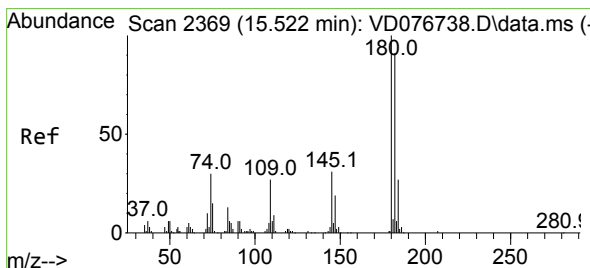
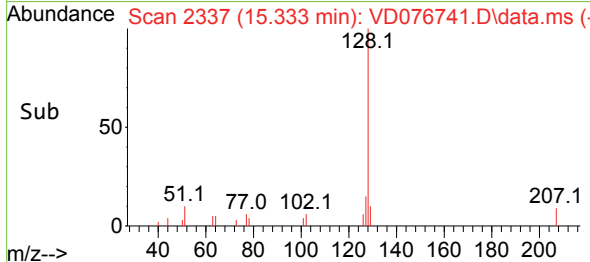
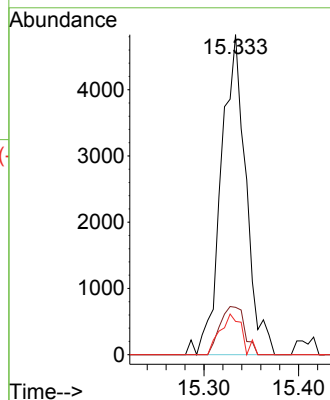
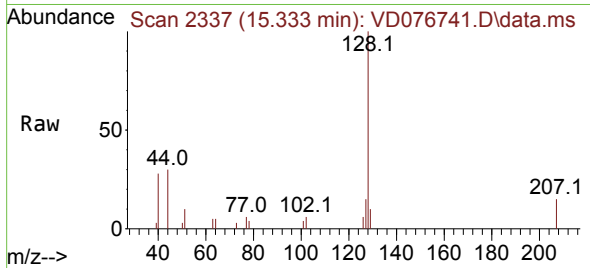




#95
Naphthalene
Concen: 1.207 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 8786
Ion Ratio Lower Upper
128 100
127 14.8 10.5 15.7
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.065 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076741.D
Acq: 14 Jul 2023 14:45

Tgt Ion:180 Resp: 3240
Ion Ratio Lower Upper
180 100
182 85.9 47.3 141.9
145 31.3 15.1 45.3

