

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076862.D
 Acq On : 28 Jul 2023 18:47
 Operator : KP/SY
 Sample : 03810-09
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P1B

Quant Time: Jul 28 23:07:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

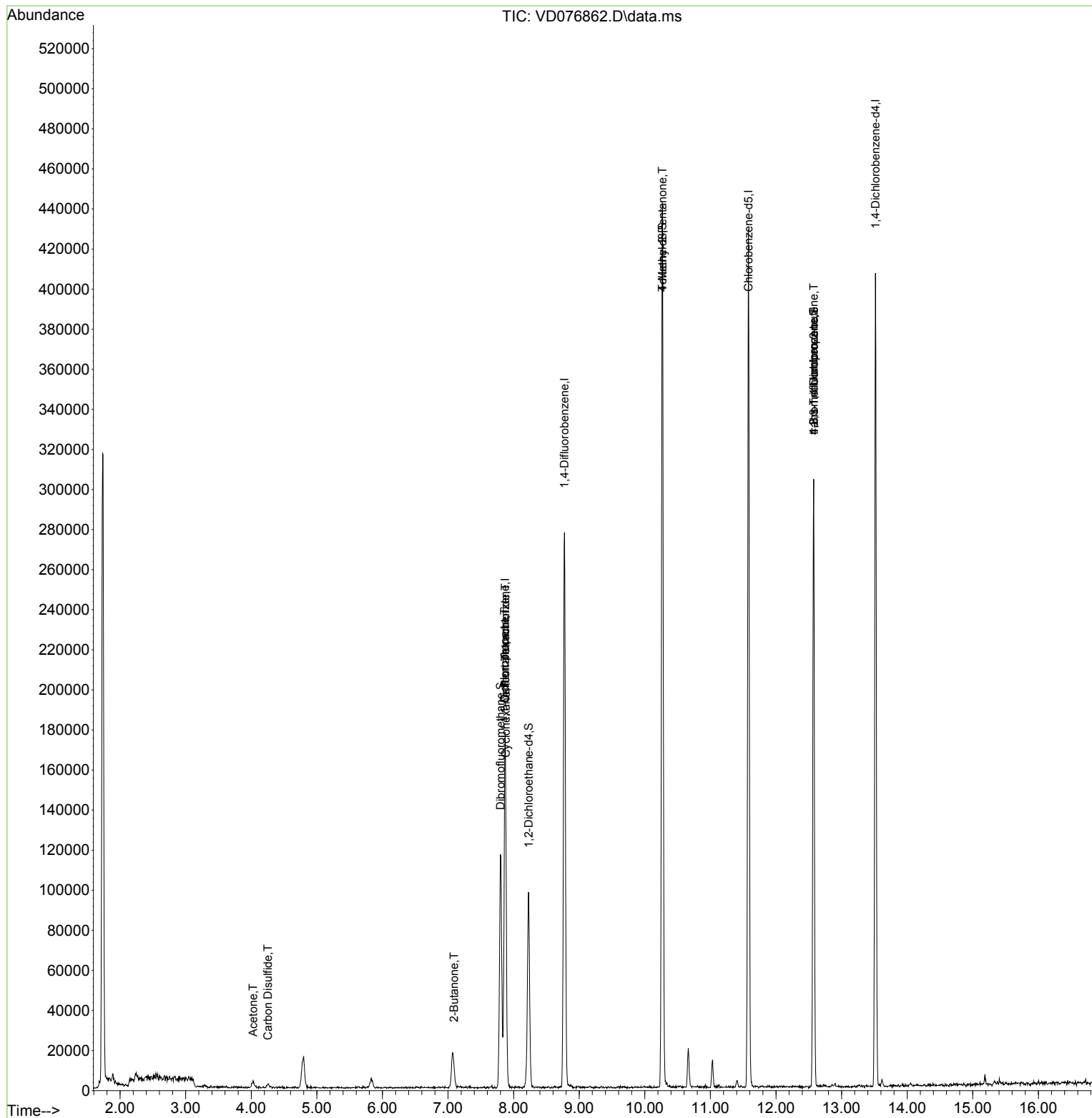
Internal Standards						
1) Pentafluorobenzene	7.869	168	136710	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	258805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74228	54.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.020%	
35) Dibromofluoromethane	7.799	113	85902	52.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.640%	
50) Toluene-d8	10.269	98	320075	55.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.020%	
62) 4-Bromofluorobenzene	12.575	95	92118	48.943	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.880%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	5320	16.359	ug/l	# 80
17) Carbon Disulfide	4.252	76	4013	1.272	ug/l	# 76
20) Methylene Chloride	4.799	84	12345	Below Cal		91
25) 2-Butanone	7.093	43	1354	3.111	ug/l	# 37
31) Cyclohexane	7.881	56	3244	1.619	ug/l	# 75
36) 1,1-Dichloropropene	7.863	75	11617	5.466	ug/l	# 46
38) Carbon Tetrachloride	7.875	117	15159	7.449	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.269	43	1319	1.336	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	48528	46.892	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	48528	99.798	ug/l	# 17

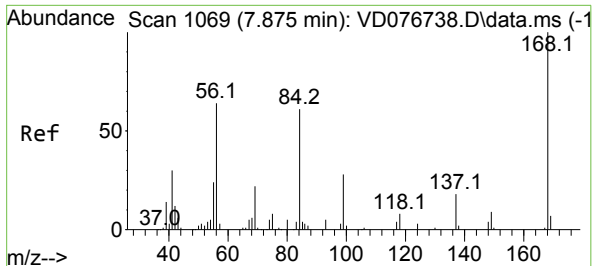
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
Data File : VD076862.D
Acq On : 28 Jul 2023 18:47
Operator : KP/SY
Sample : 03810-09
Misc : 5.07G/5.0ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P1B

Quant Time: Jul 28 23:07:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

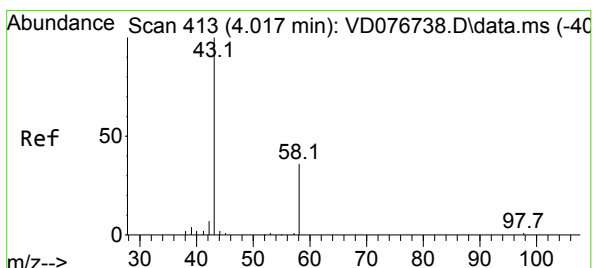
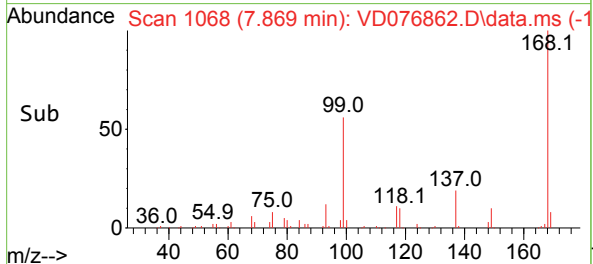
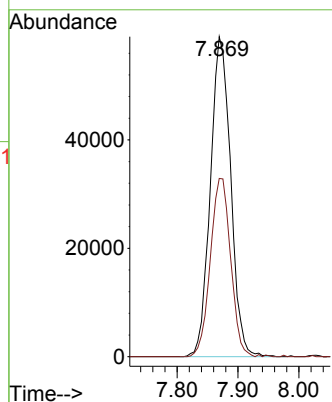
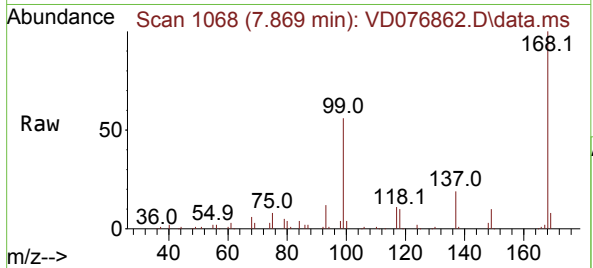




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

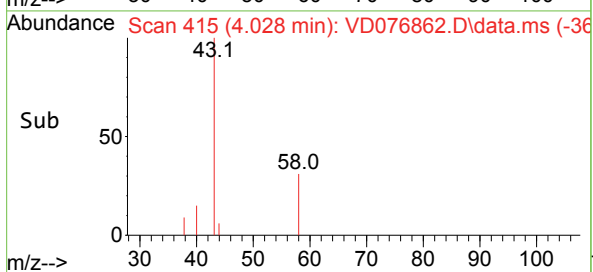
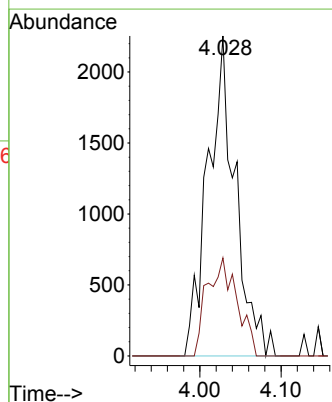
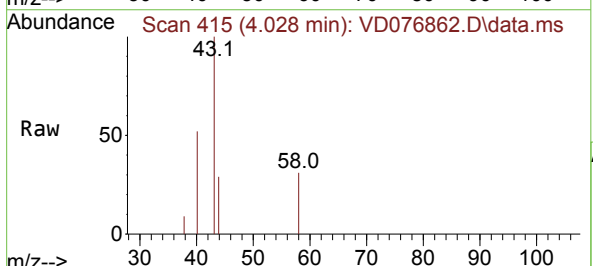
Instrument :
MSVOA_D
ClientSampleId :
B-P1B

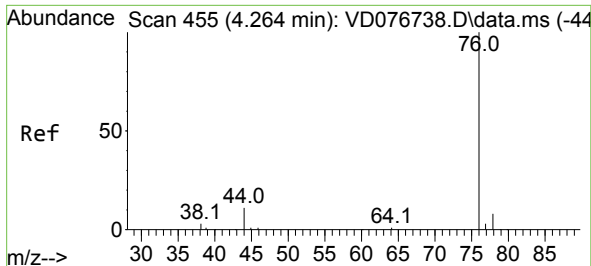
Tgt Ion:168 Resp: 136710
Ion Ratio Lower Upper
168 100
99 55.7 36.7 55.1#



#16
Acetone
Concen: 16.359 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

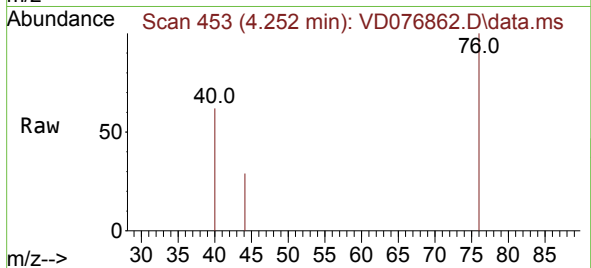
Tgt Ion: 43 Resp: 5320
Ion Ratio Lower Upper
43 100
58 30.7 34.7 52.1#



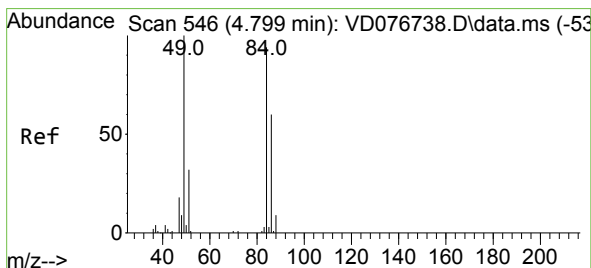
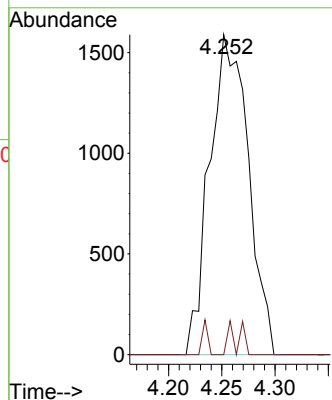
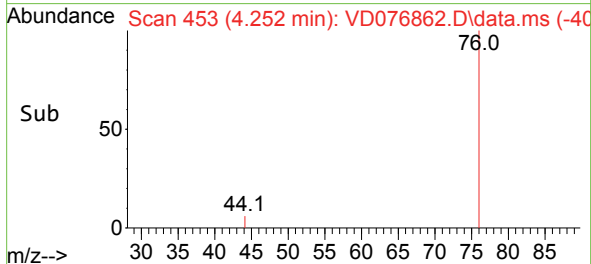


#17
Carbon Disulfide
Concen: 1.272 ug/l
RT: 4.252 min Scan# 413
Delta R.T. -0.012 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

Instrument :
MSVOA_D
ClientSampleId :
B-P1B

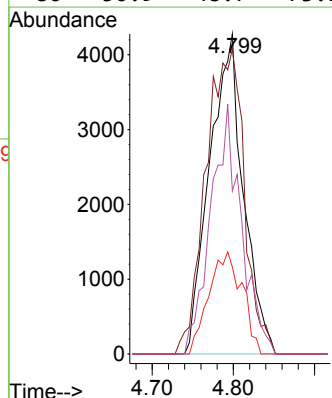
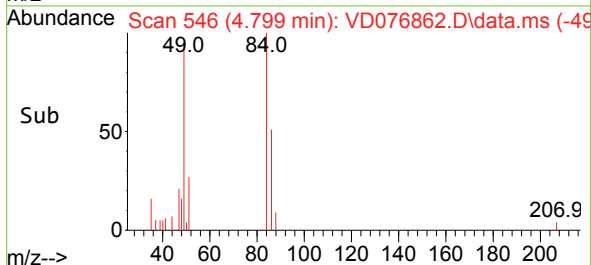
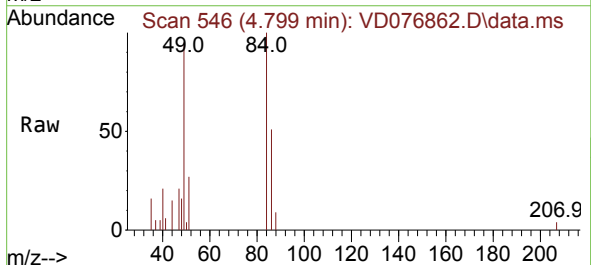


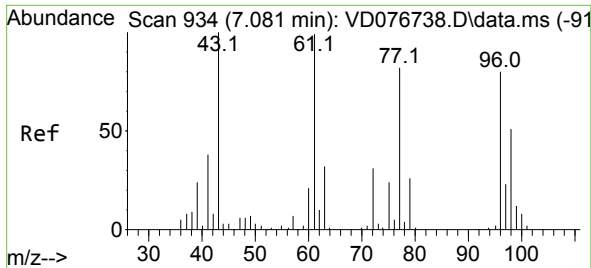
Tgt Ion: 76 Resp: 4013
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

Tgt Ion: 84 Resp: 12345
Ion Ratio Lower Upper
84 100
49 95.3 71.4 107.2
51 27.2 24.5 36.7
86 50.9 48.7 73.1

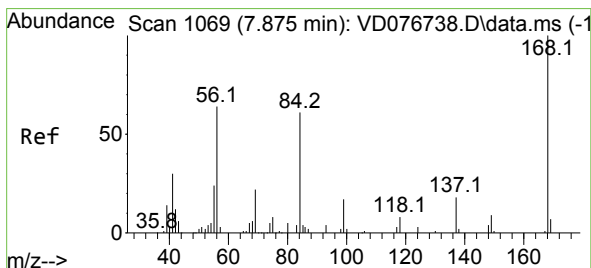
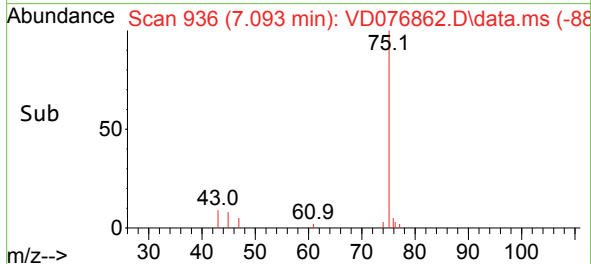
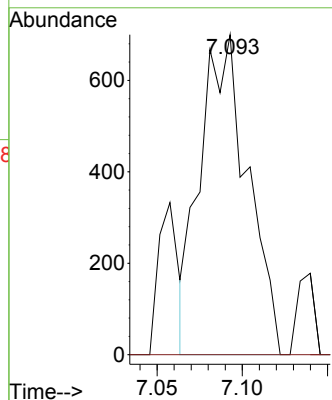
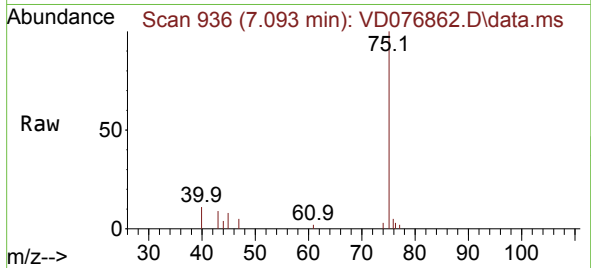




#25
2-Butanone
Concen: 3.111 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

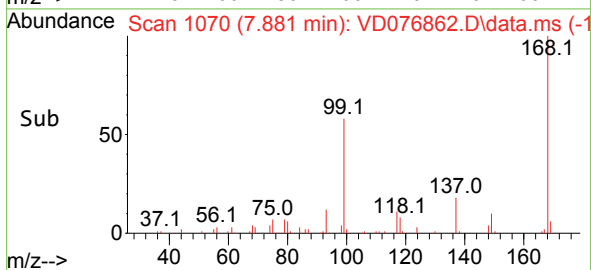
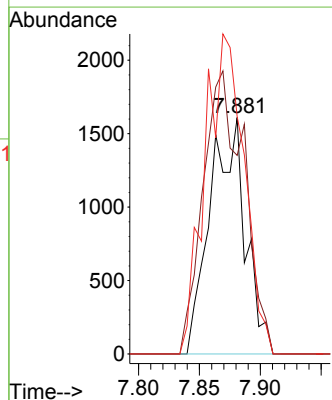
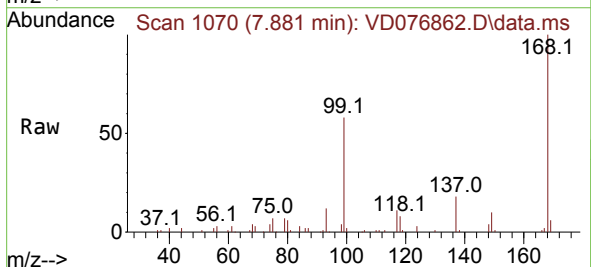
Instrument :
MSVOA_D
ClientSampleId :
B-P1B

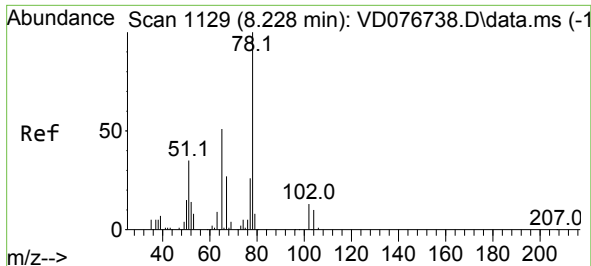
Tgt Ion: 43 Resp: 1354
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.619 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

Tgt Ion: 56 Resp: 3244
Ion Ratio Lower Upper
56 100
69 84.0 28.6 43.0#
84 100.4 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 54.512 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076862.D

Acq: 28 Jul 2023 18:47

Instrument :

MSVOA_D

ClientSampleId :

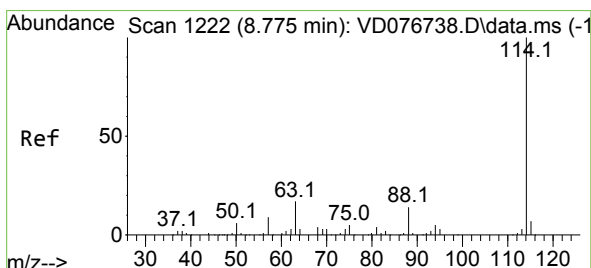
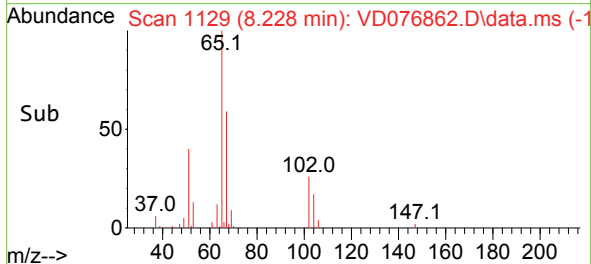
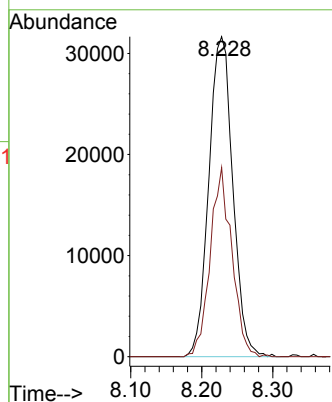
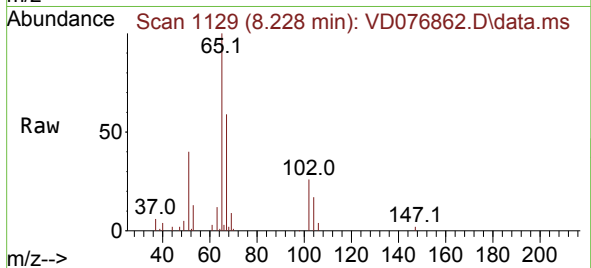
B-P1B

Tgt Ion: 65 Resp: 74228

Ion Ratio Lower Upper

65 100

67 53.4 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: VD076862.D

Acq: 28 Jul 2023 18:47

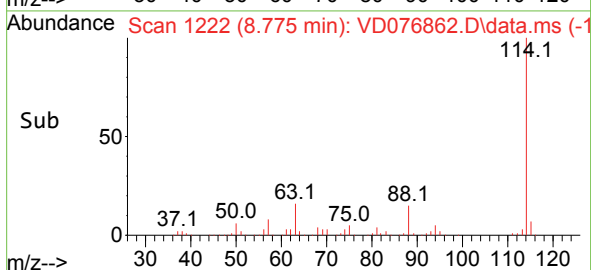
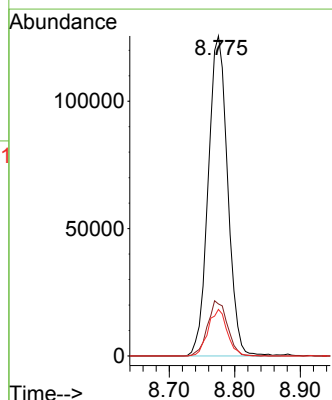
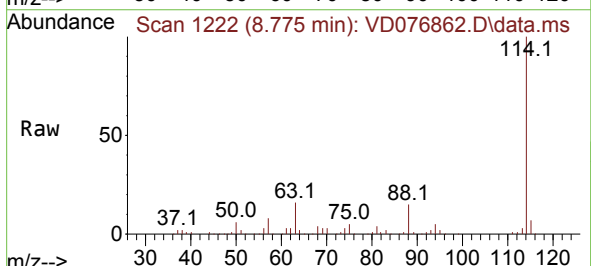
Tgt Ion: 114 Resp: 258805

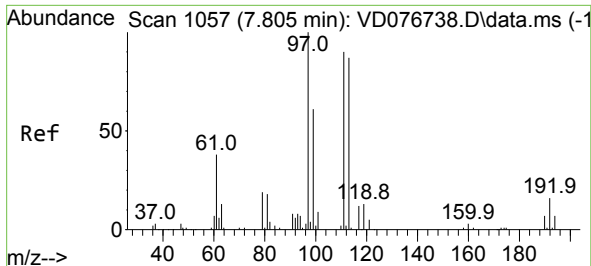
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

88 14.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.819 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076862.D

Acq: 28 Jul 2023 18:47

Instrument :

MSVOA_D

ClientSampleId :

B-P1B

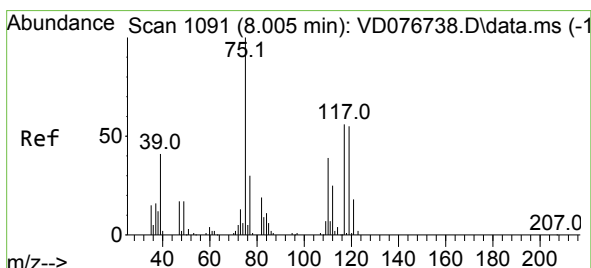
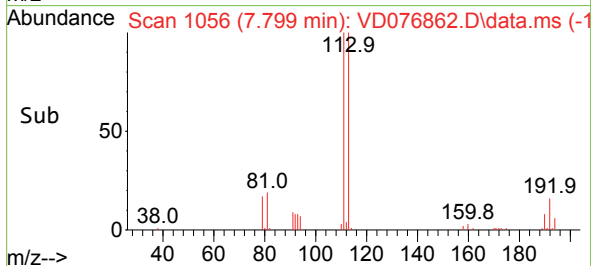
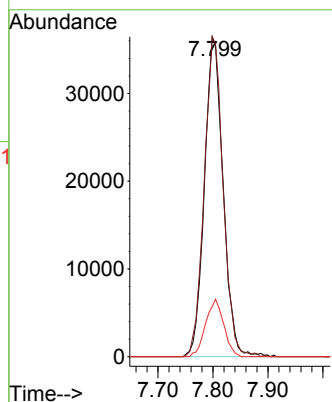
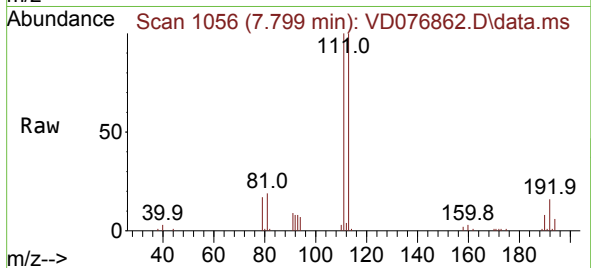
Tgt Ion:113 Resp: 85902

Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 17.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 5.466 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VD076862.D

Acq: 28 Jul 2023 18:47

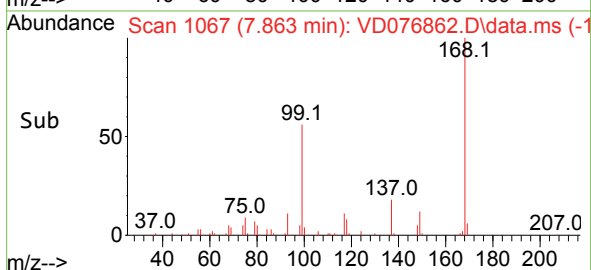
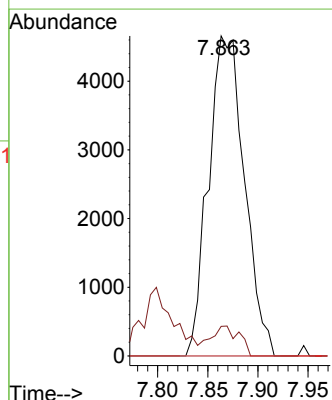
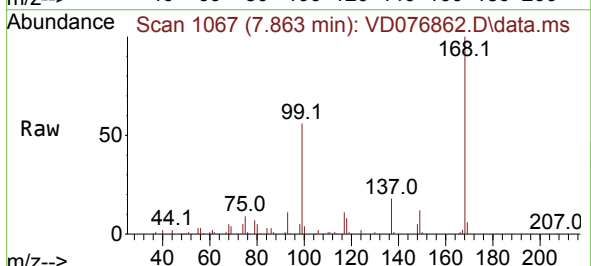
Tgt Ion: 75 Resp: 11617

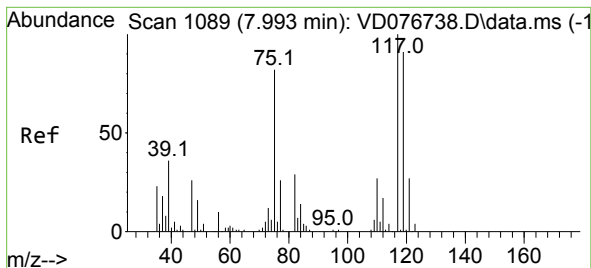
Ion Ratio Lower Upper

75 100

110 7.5 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 7.449 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076862.D

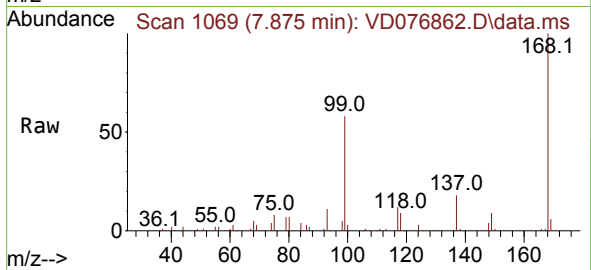
Acq: 28 Jul 2023 18:47

Instrument :

MSVOA_D

ClientSampleId :

B-P1B



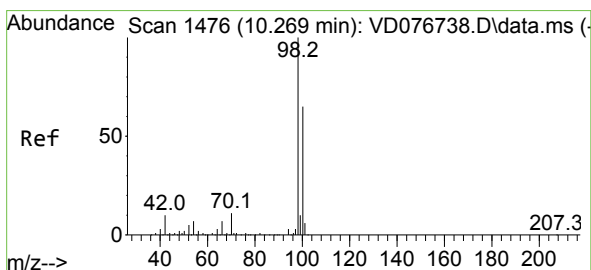
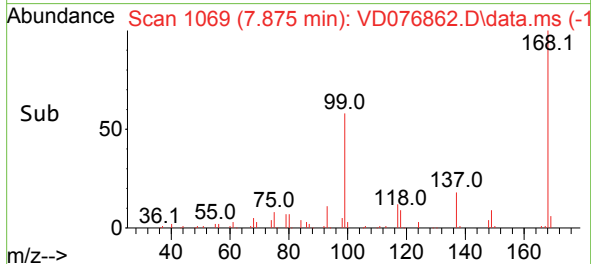
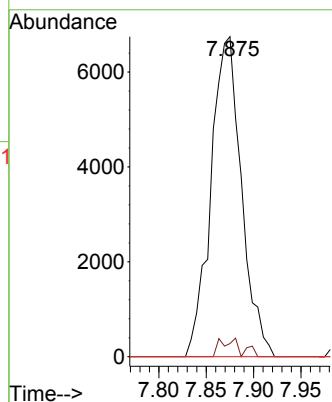
Tgt Ion:117 Resp: 15159

Ion Ratio Lower Upper

117 100

119 4.1 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 55.014 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076862.D

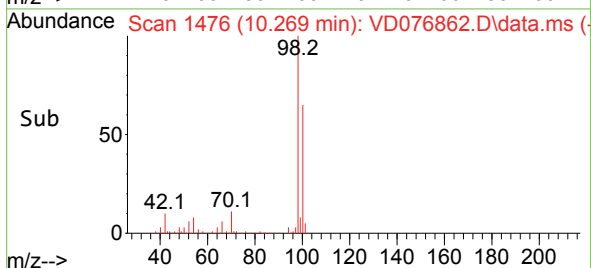
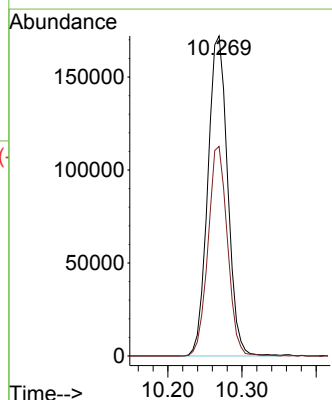
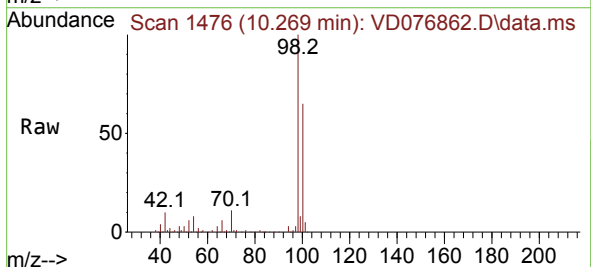
Acq: 28 Jul 2023 18:47

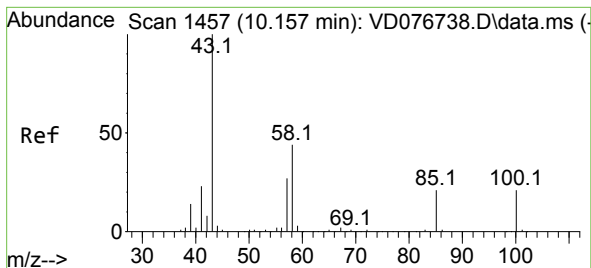
Tgt Ion: 98 Resp: 320075

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5

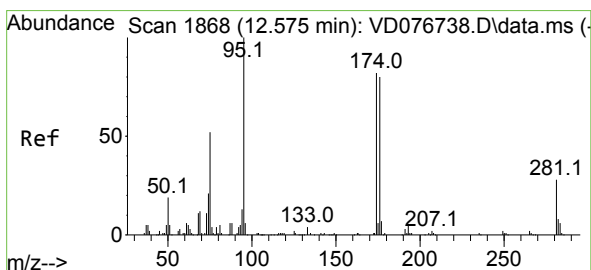
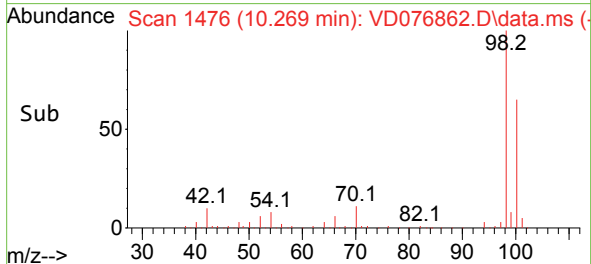
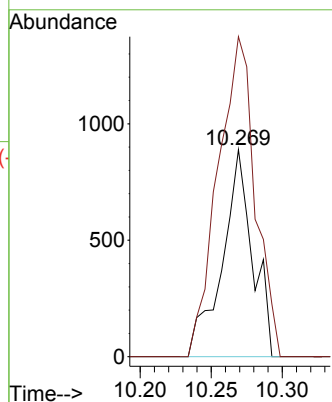
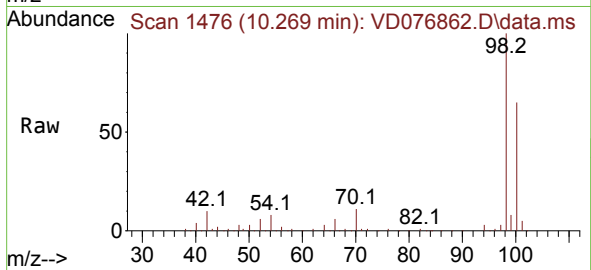




#51
4-Methyl-2-Pentanone
Concen: 1.336 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

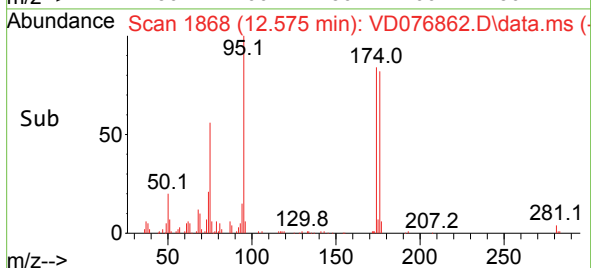
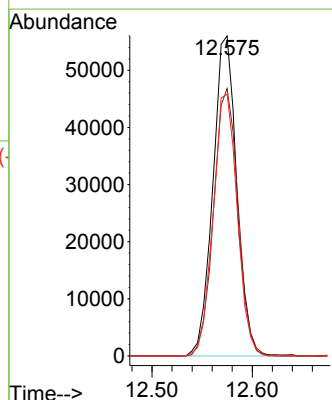
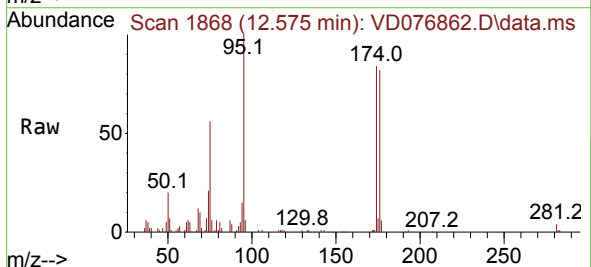
Instrument :
MSVOA_D
ClientSampleId :
B-P1B

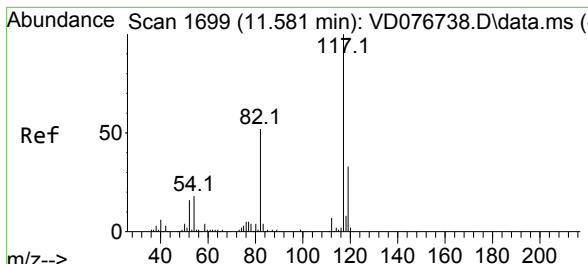
Tgt Ion: 43 Resp: 1319
Ion Ratio Lower Upper
43 100
58 190.1 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 48.943 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

Tgt Ion: 95 Resp: 92118
Ion Ratio Lower Upper
95 100
174 86.1 0.0 201.8
176 83.0 0.0 191.8

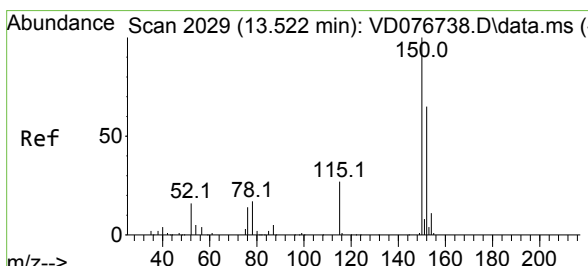
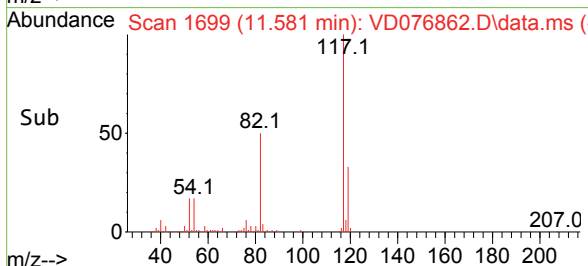
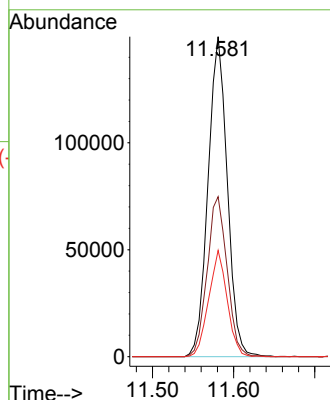
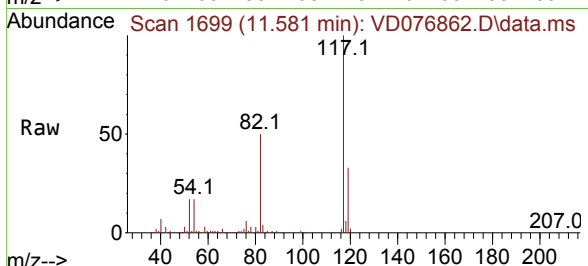




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

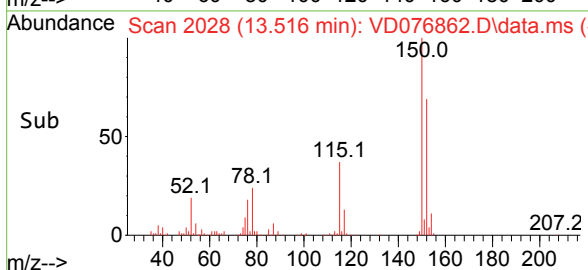
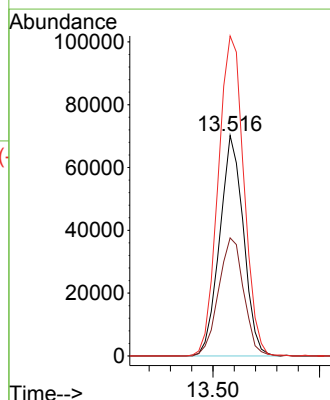
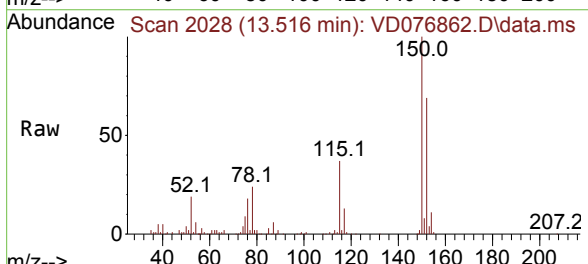
Instrument :
MSVOA_D
ClientSampleId :
B-P1B

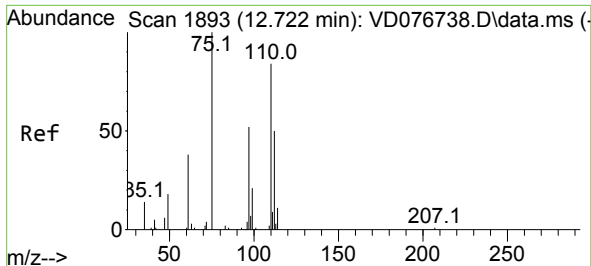
Tgt Ion:	117	Resp:	246158
Ion Ratio	Lower	Upper	
117	100		
82	50.0	38.3	57.5
119	33.2	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

Tgt Ion:	152	Resp:	108823
Ion Ratio	Lower	Upper	
152	100		
115	56.6	27.1	81.3
150	156.5	0.0	353.6

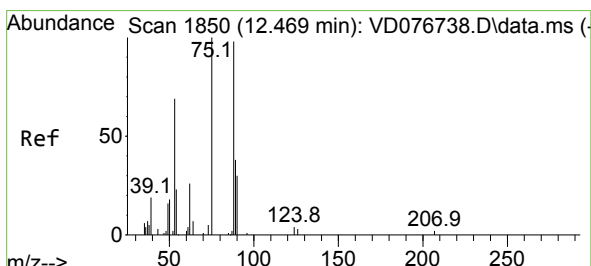
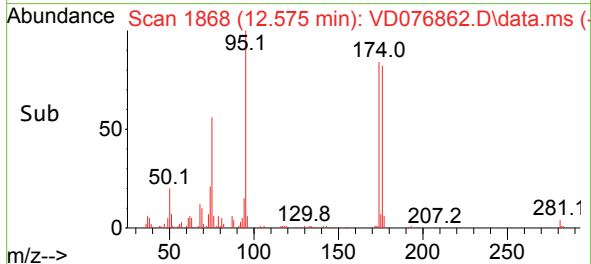
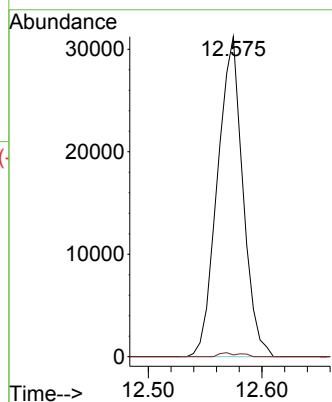
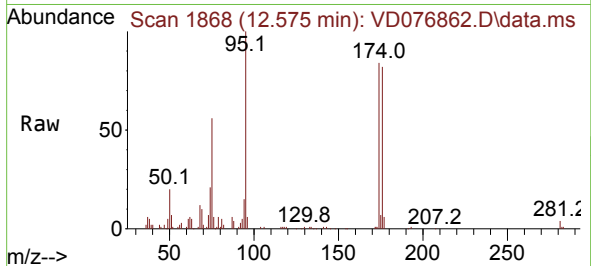




#76
1,2,3-Trichloropropane
Concen: 46.892 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

Instrument :
MSVOA_D
ClientSampleId :
B-P1B

Tgt Ion: 75 Resp: 48528
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.798 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

Tgt Ion: 75 Resp: 48528
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

