

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073884.D
 Acq On : 20 Jul 2022 17:33
 Operator : VA/SY
 Sample : N3730-07RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-6.5-7.0

Quant Time: Jul 21 01:11:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

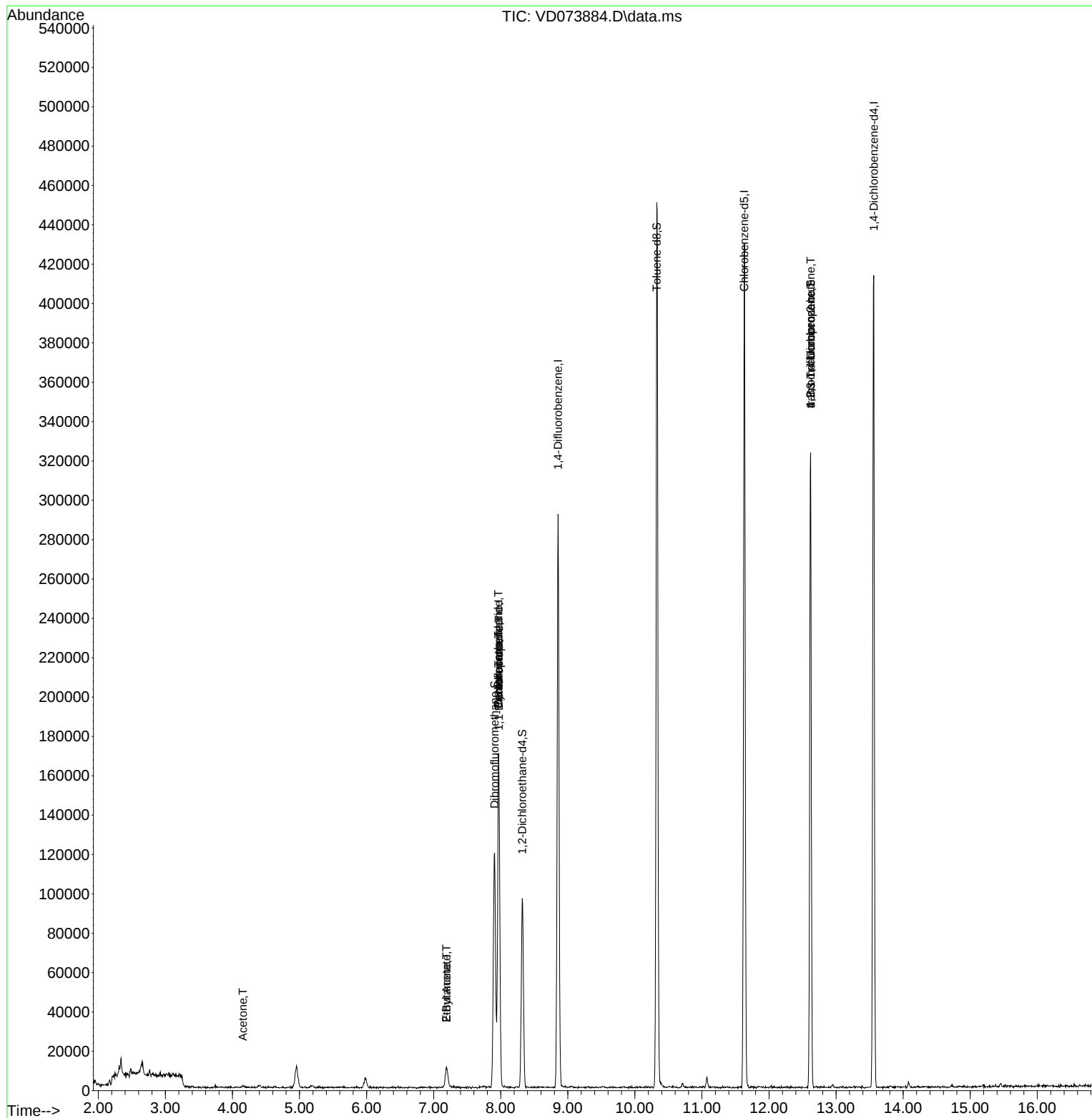
Internal Standards						
1) Pentafluorobenzene	7.967	168	120587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	240119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	233189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	107470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	76699	53.265	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.540%			
35) Dibromofluoromethane	7.908	113	84916	50.128	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.260%			
50) Toluene-d8	10.326	98	299929	48.773	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.540%			
62) 4-Bromofluorobenzene	12.620	95	101245	47.885	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.760%			
Target Compounds						
2) Dichlorodifluoromethane	1.997	85	140	Below Cal	#	43
3) Chloromethane	2.209	50	1352	Below Cal		89
11) Tert butyl alcohol	5.179	59	345	Below Cal	#	74
16) Acetone	4.156	43	1470	6.221 ug/l	#	86
18) Methyl Acetate	4.744	43	58	Below Cal	#	55
20) Methylene Chloride	4.956	84	8094	Below Cal	#	68
25) 2-Butanone	7.191	43	978	2.916 ug/l	#	52
31) Cyclohexane	7.967	56	2697	1.179 ug/l	#	1
36) 1,1-Dichloropropene	7.973	75	10823	4.429 ug/l	#	50
37) Ethyl Acetate	7.191	43	978	1.113 ug/l	#	62
38) Carbon Tetrachloride	7.967	117	13627	4.883 ug/l	#	16
76) 1,2,3-Trichloropropane	12.620	75	57153	49.564 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	57153	133.746 ug/l	#	7

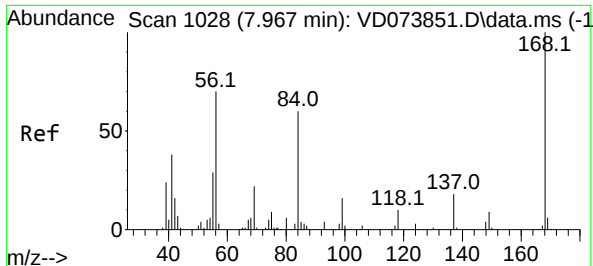
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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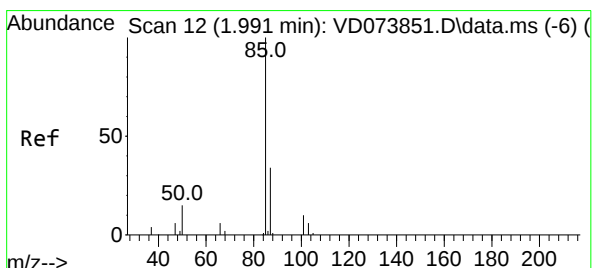
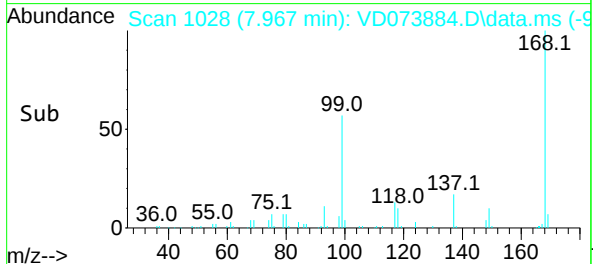
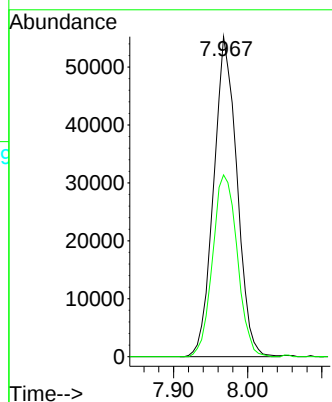
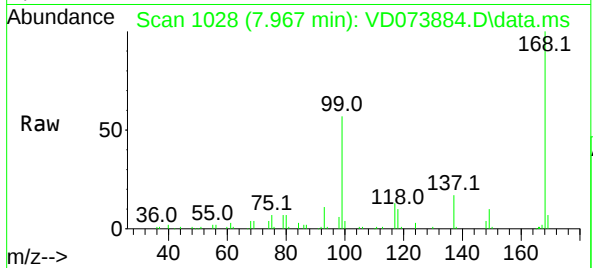




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

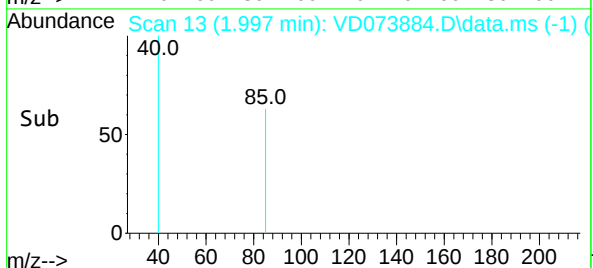
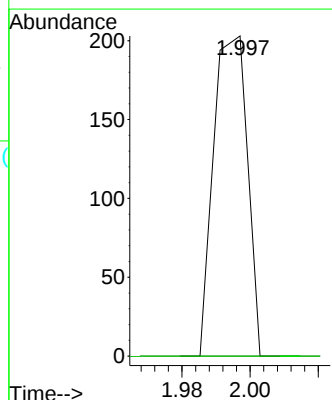
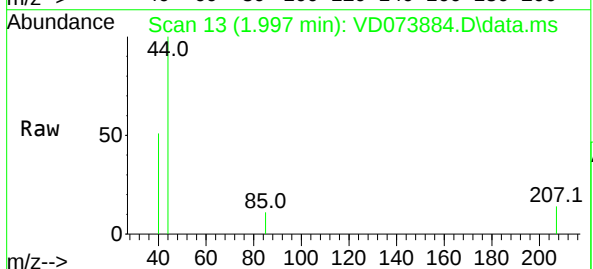
Instrument :
MSVOA_D
ClientSampleId :
SB-04-6.5-7.0

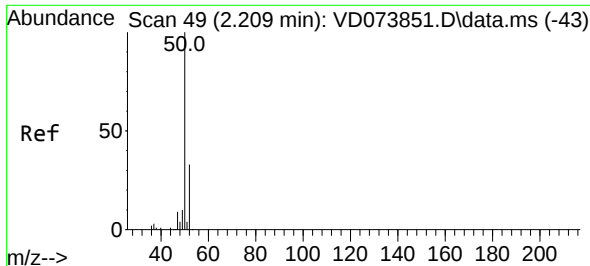
Tgt Ion:168 Resp: 120587
Ion Ratio Lower Upper
168 100
99 56.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.006 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

Tgt Ion: 85 Resp: 140
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

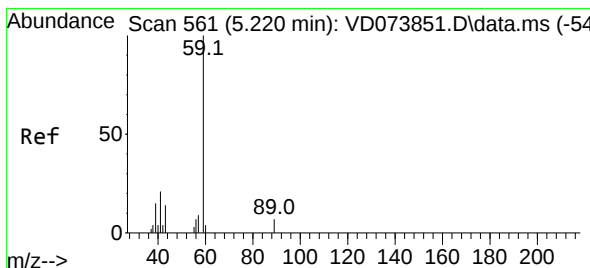
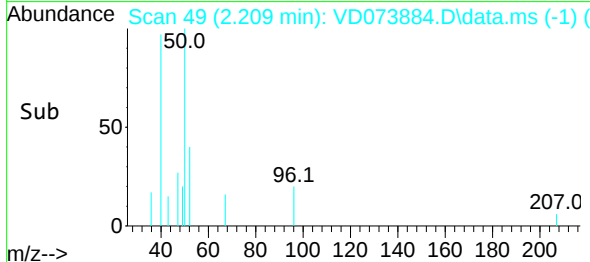
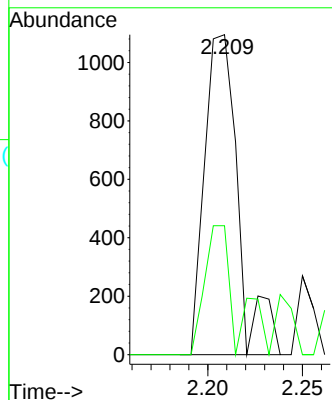
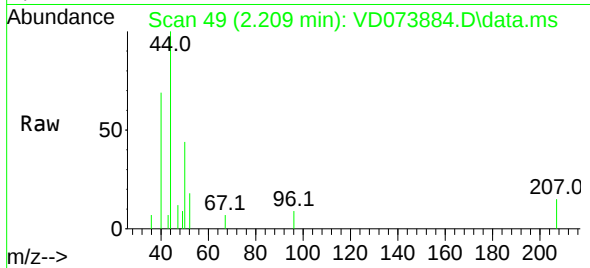




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

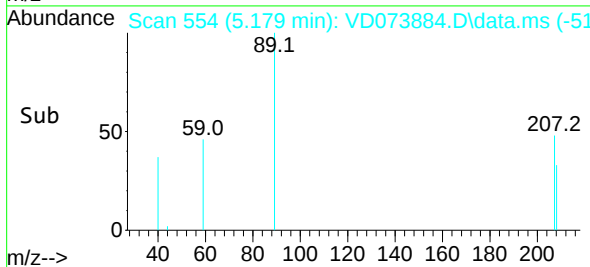
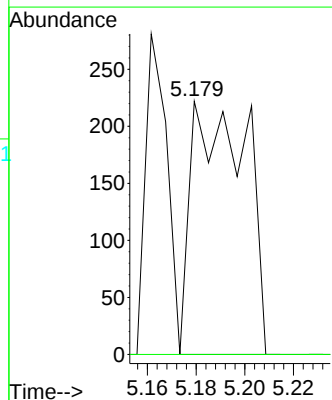
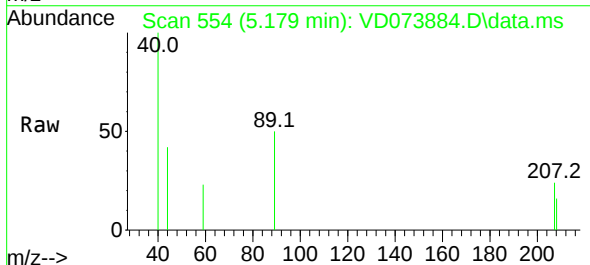
Instrument :
MSVOA_D
ClientSampleId :
SB-04-6.5-7.0

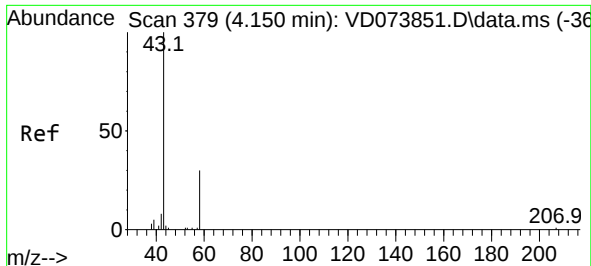
Tgt Ion: 50 Resp: 1352
Ion Ratio Lower Upper
50 100
52 40.3 27.4 41.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

Tgt Ion: 59 Resp: 345
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

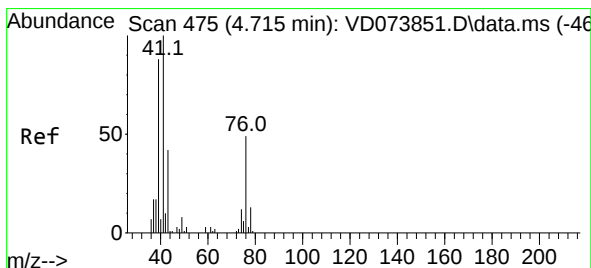
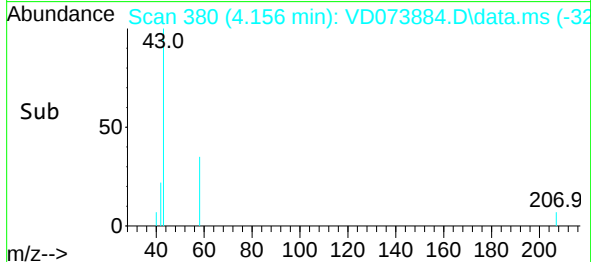
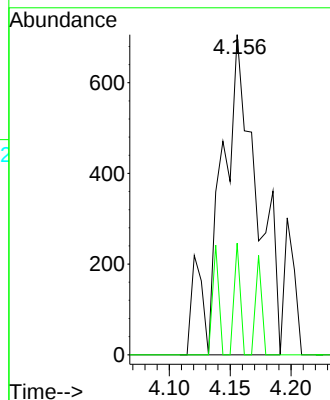
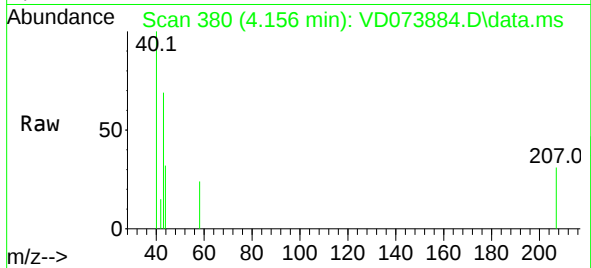




#16
Acetone
Concen: 6.221 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

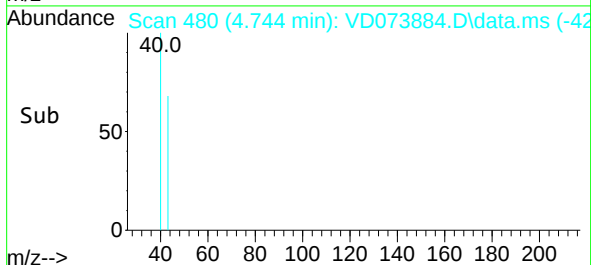
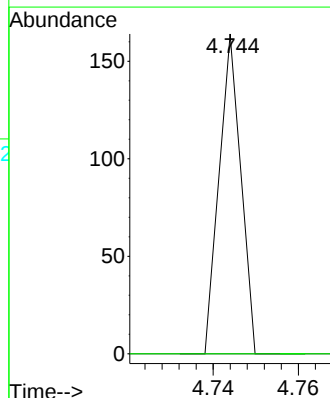
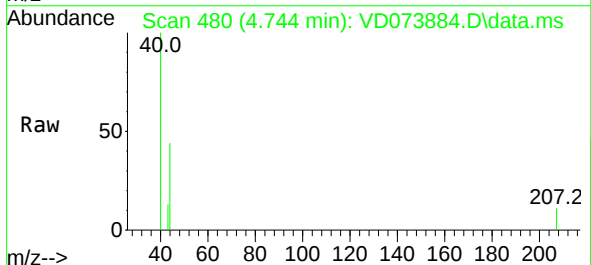
Instrument :
MSVOA_D
ClientSampleId :
SB-04-6.5-7.0

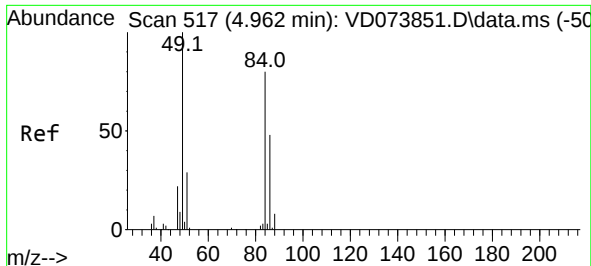
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
58 34.8 22.1 33.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.744 min Scan# 480
Delta R.T. 0.029 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

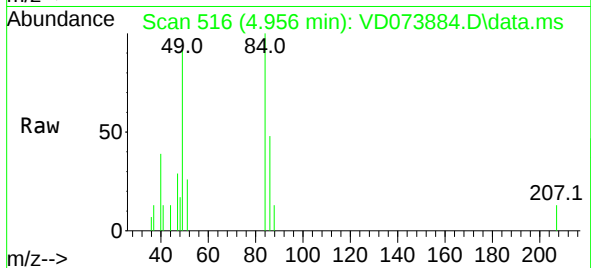
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



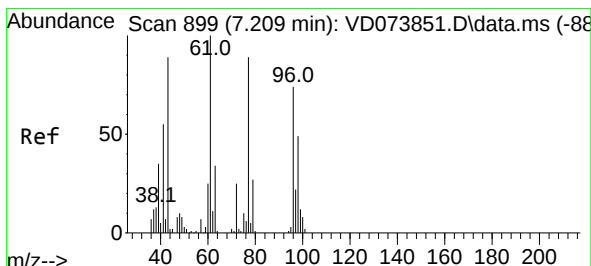
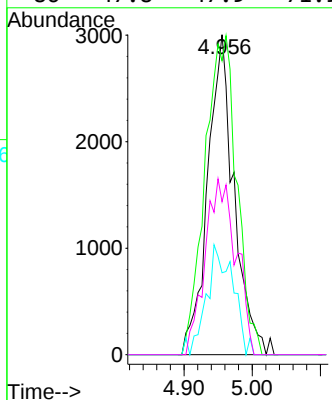
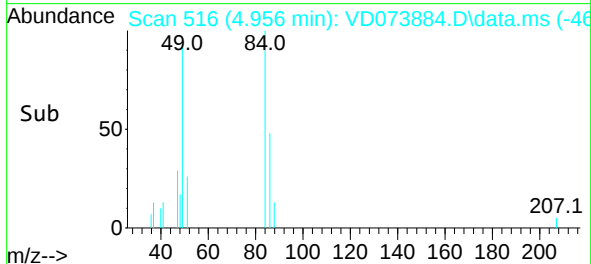


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

Instrument :
MSVOA_D
ClientSampleId :
SB-04-6.5-7.0

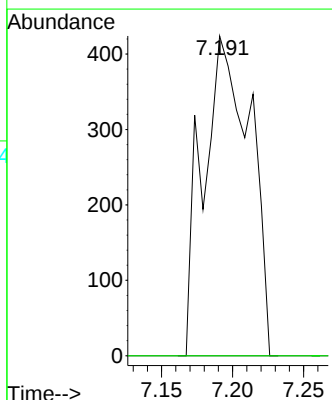
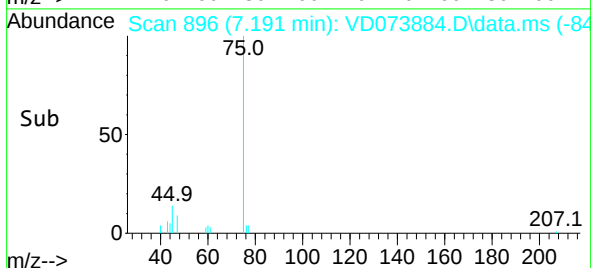
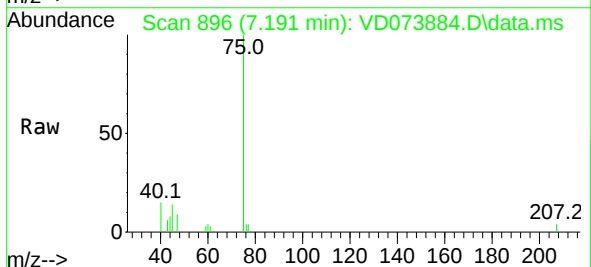


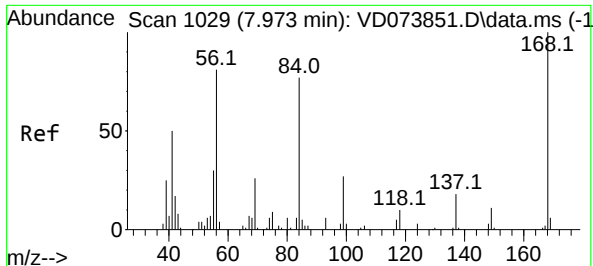
Tgt Ion: 84 Resp: 8094
Ion Ratio Lower Upper
84 100
49 91.8 112.8 169.2#
51 25.6 32.6 48.8#
86 47.8 47.9 71.9#



#25
2-Butanone
Concen: 2.916 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.018 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#

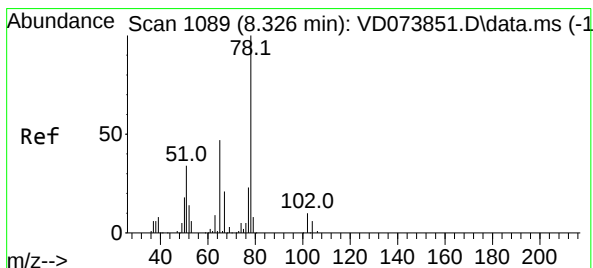
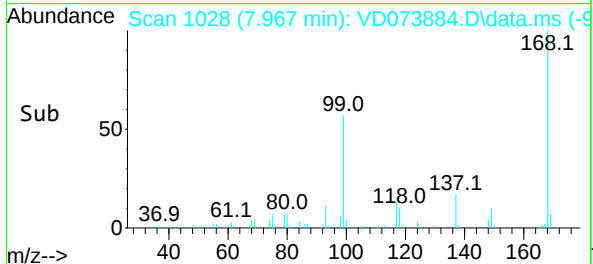
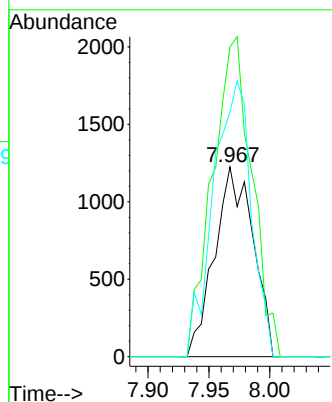
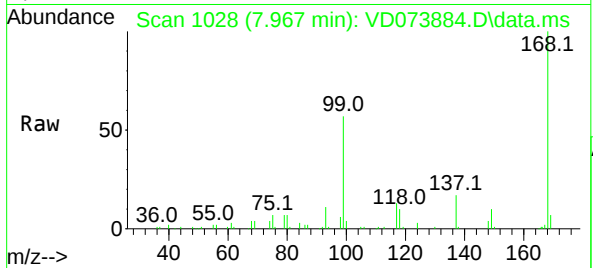




#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

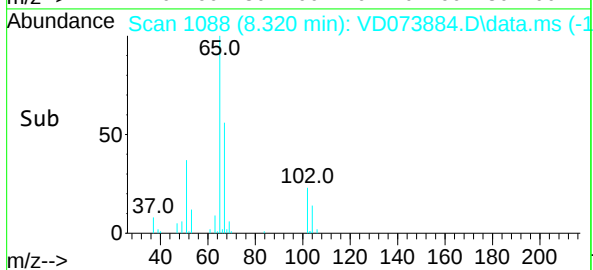
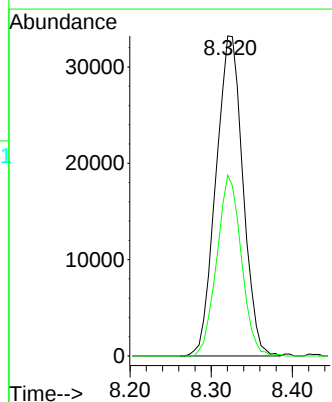
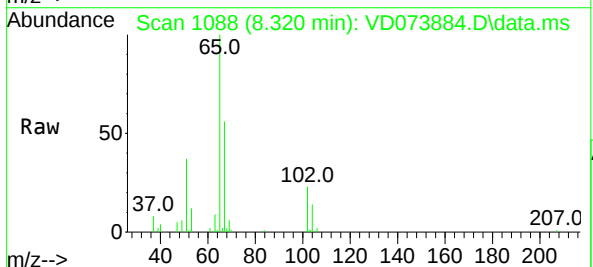
Instrument :
MSVOA_D
ClientSampleId :
SB-04-6.5-7.0

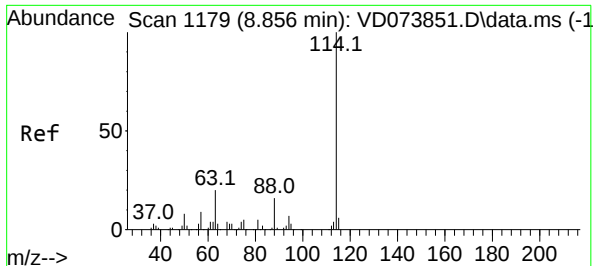
Tgt Ion: 56 Resp: 2697
Ion Ratio Lower Upper
56 100
69 163.3 25.4 38.2#
84 129.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 53.265 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

Tgt Ion: 65 Resp: 76699
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073884.D

Acq: 20 Jul 2022 17:33

Instrument :

MSVOA_D

ClientSampleId :

SB-04-6.5-7.0

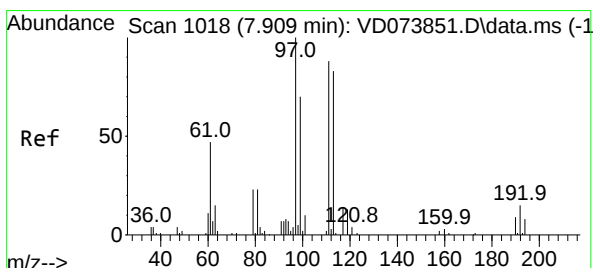
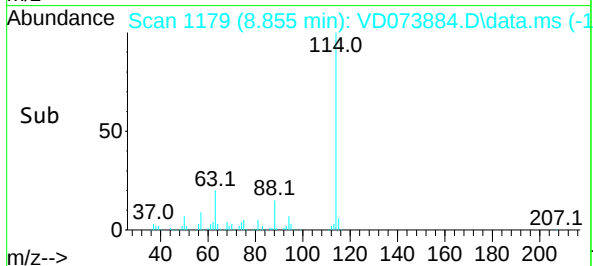
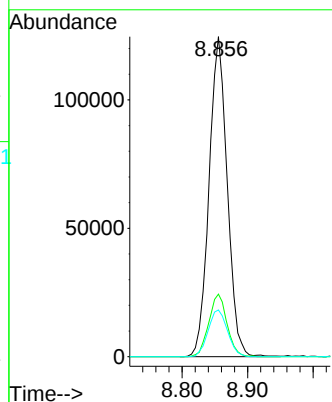
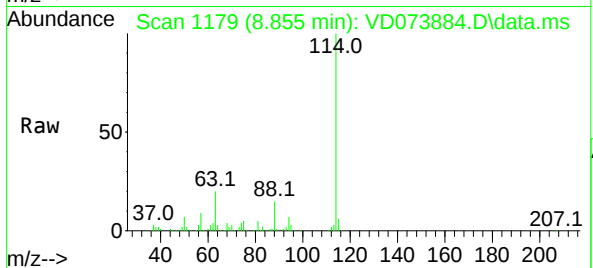
Tgt Ion:114 Resp: 240119

Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 14.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.128 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073884.D

Acq: 20 Jul 2022 17:33

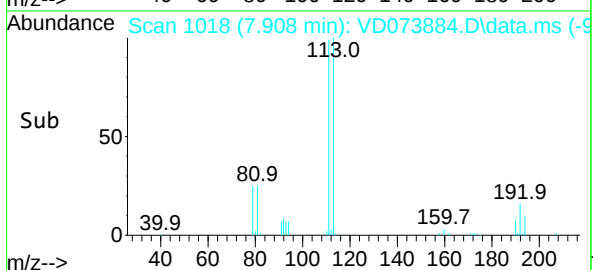
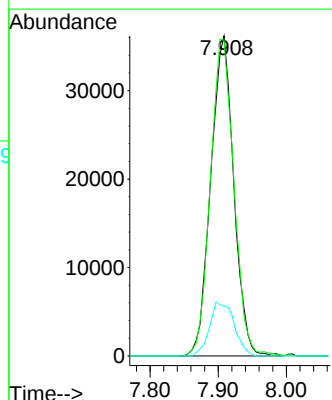
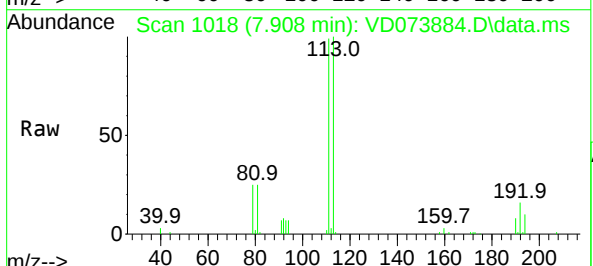
Tgt Ion:113 Resp: 84916

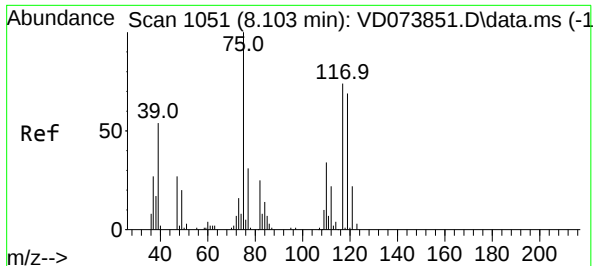
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 17.9 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.429 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD073884.D

Acq: 20 Jul 2022 17:33

Instrument :

MSVOA_D

ClientSampleId :

SB-04-6.5-7.0

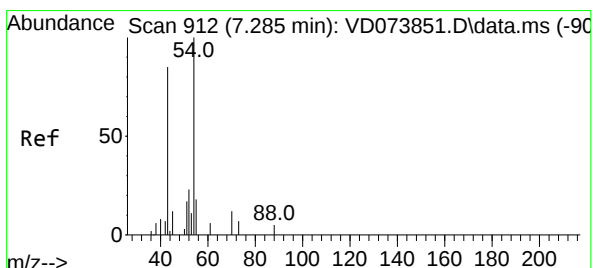
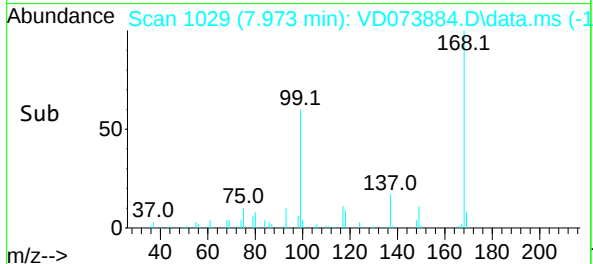
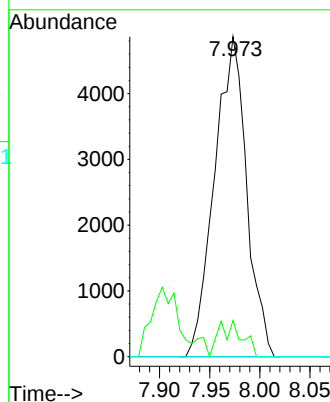
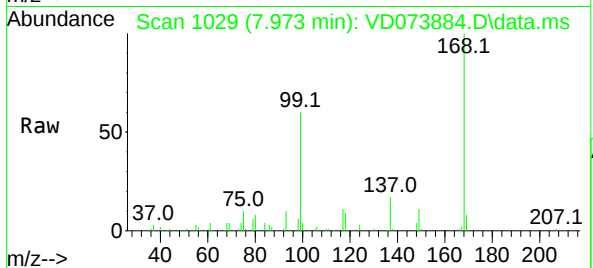
Tgt Ion: 75 Resp: 10823

Ion Ratio Lower Upper

75 100

110 8.0 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 1.113 ug/l

RT: 7.191 min Scan# 896

Delta R.T. -0.094 min

Lab File: VD073884.D

Acq: 20 Jul 2022 17:33

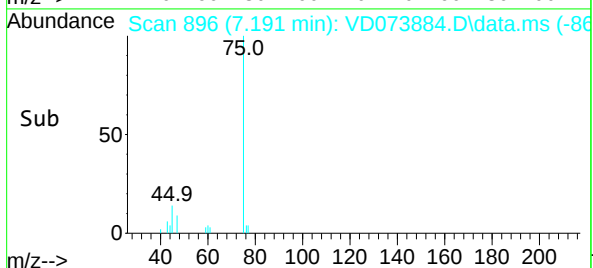
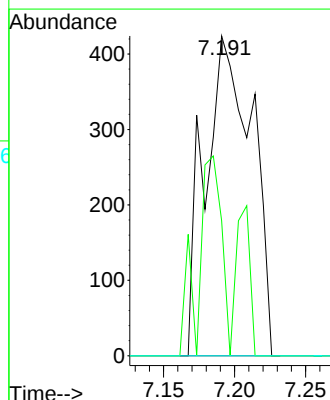
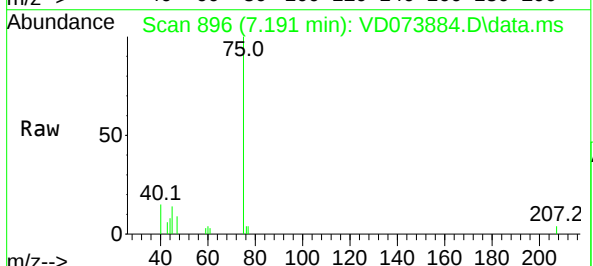
Tgt Ion: 43 Resp: 978

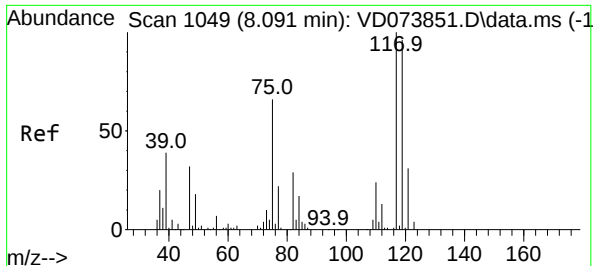
Ion Ratio Lower Upper

43 100

61 31.0 9.8 14.8#

70 0.0 6.9 10.3#

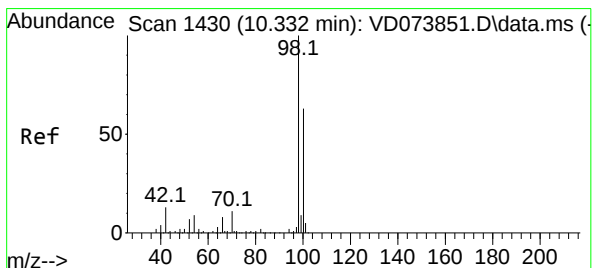
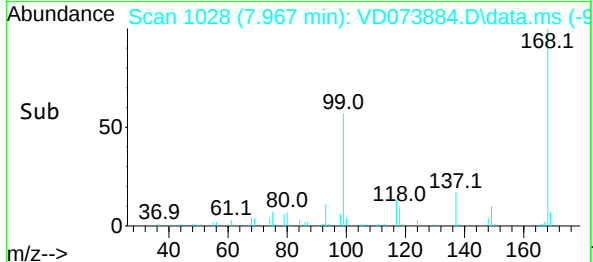
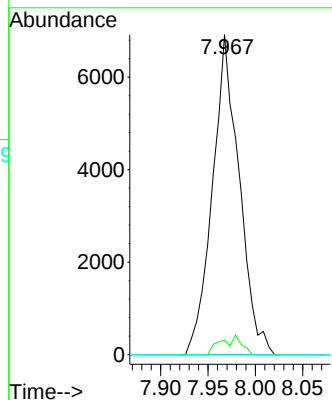
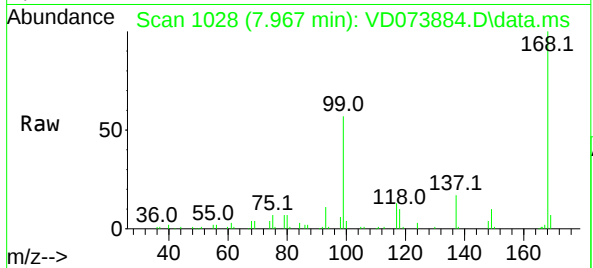




#38
Carbon Tetrachloride
Concen: 4.883 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

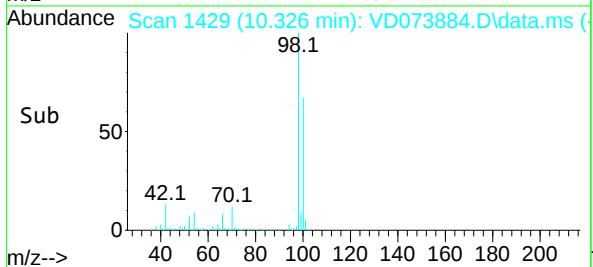
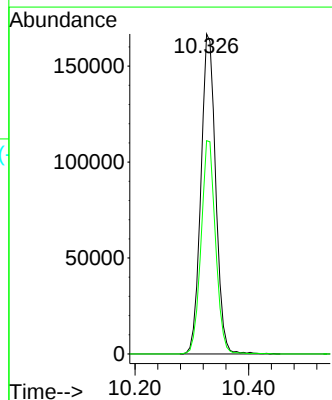
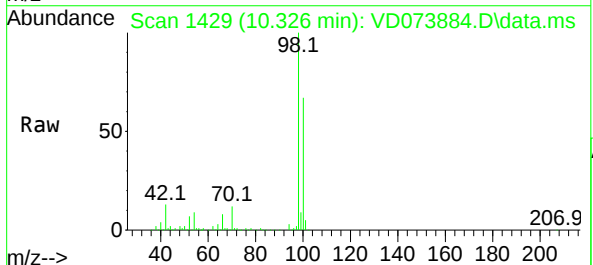
Instrument :
MSVOA_D
ClientSampleId :
SB-04-6.5-7.0

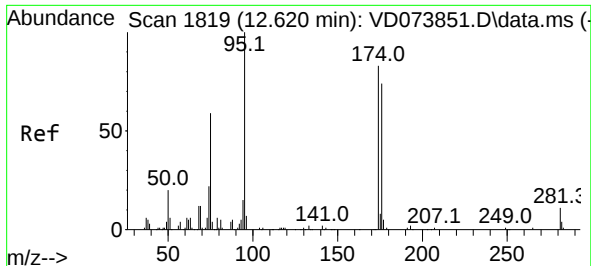
Tgt Ion:117 Resp: 13627
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.773 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

Tgt Ion: 98 Resp: 299929
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

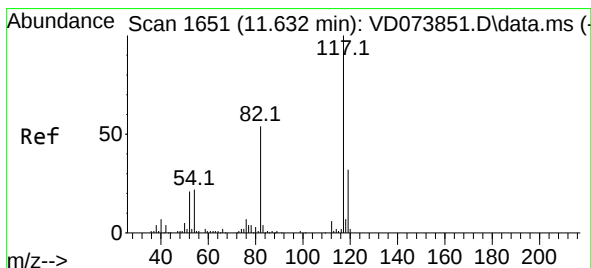
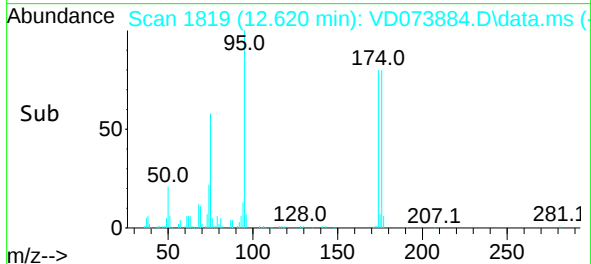
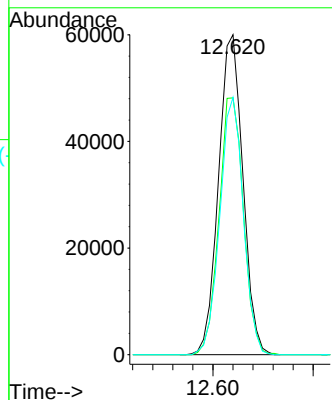
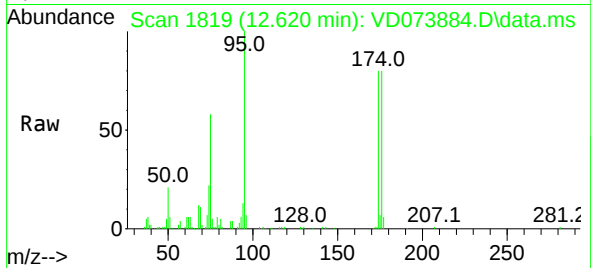




#62
4-Bromofluorobenzene
Concen: 47.885 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

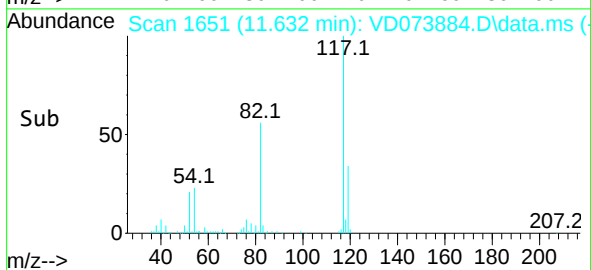
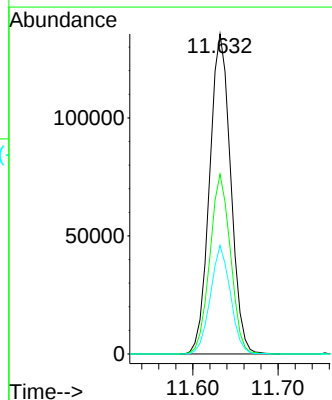
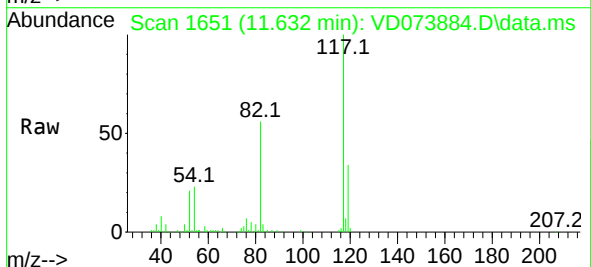
Instrument :
MSVOA_D
ClientSampleId :
SB-04-6.5-7.0

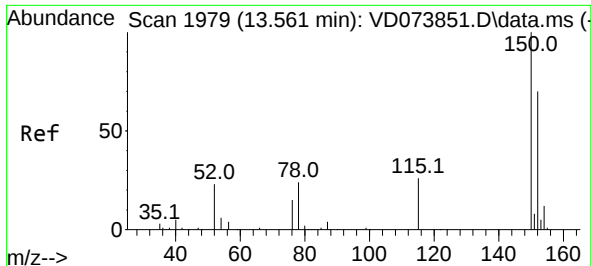
Tgt Ion: 95 Resp: 101245
Ion Ratio Lower Upper
95 100
174 80.4 0.0 152.8
176 77.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

Tgt Ion: 117 Resp: 233189
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 33.9 26.6 40.0

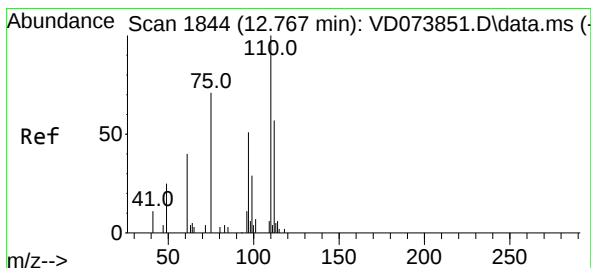
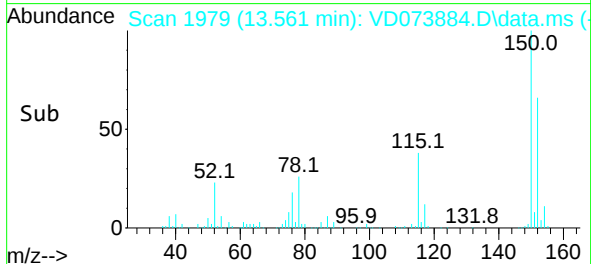
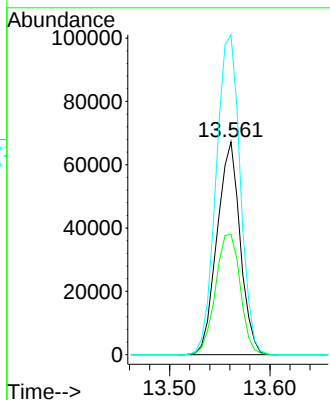
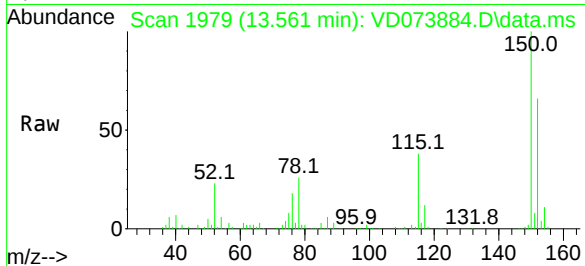




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073884.D
 Acq: 20 Jul 2022 17:33

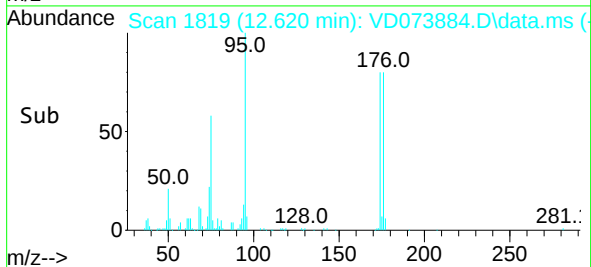
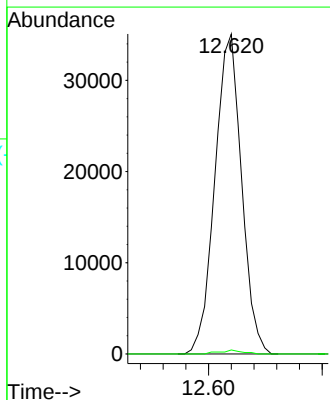
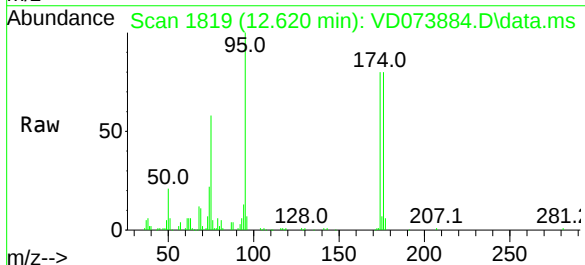
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-6.5-7.0

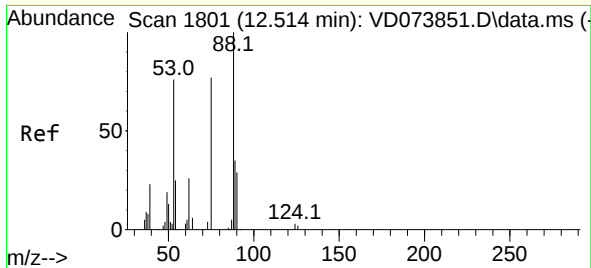
Tgt Ion:152 Resp: 107470
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.3 93.8
 150 156.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.564 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073884.D
 Acq: 20 Jul 2022 17:33

Tgt Ion: 75 Resp: 57153
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.746 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073884.D
 Acq: 20 Jul 2022 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-6.5-7.0

Tgt Ion: 75 Resp: 57153
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.1 33.9 50.9#

