

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073882.D
 Acq On : 20 Jul 2022 16:32
 Operator : VA/SY
 Sample : N3730-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-6.5-7.0

Quant Time: Jul 21 01:10:55 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)

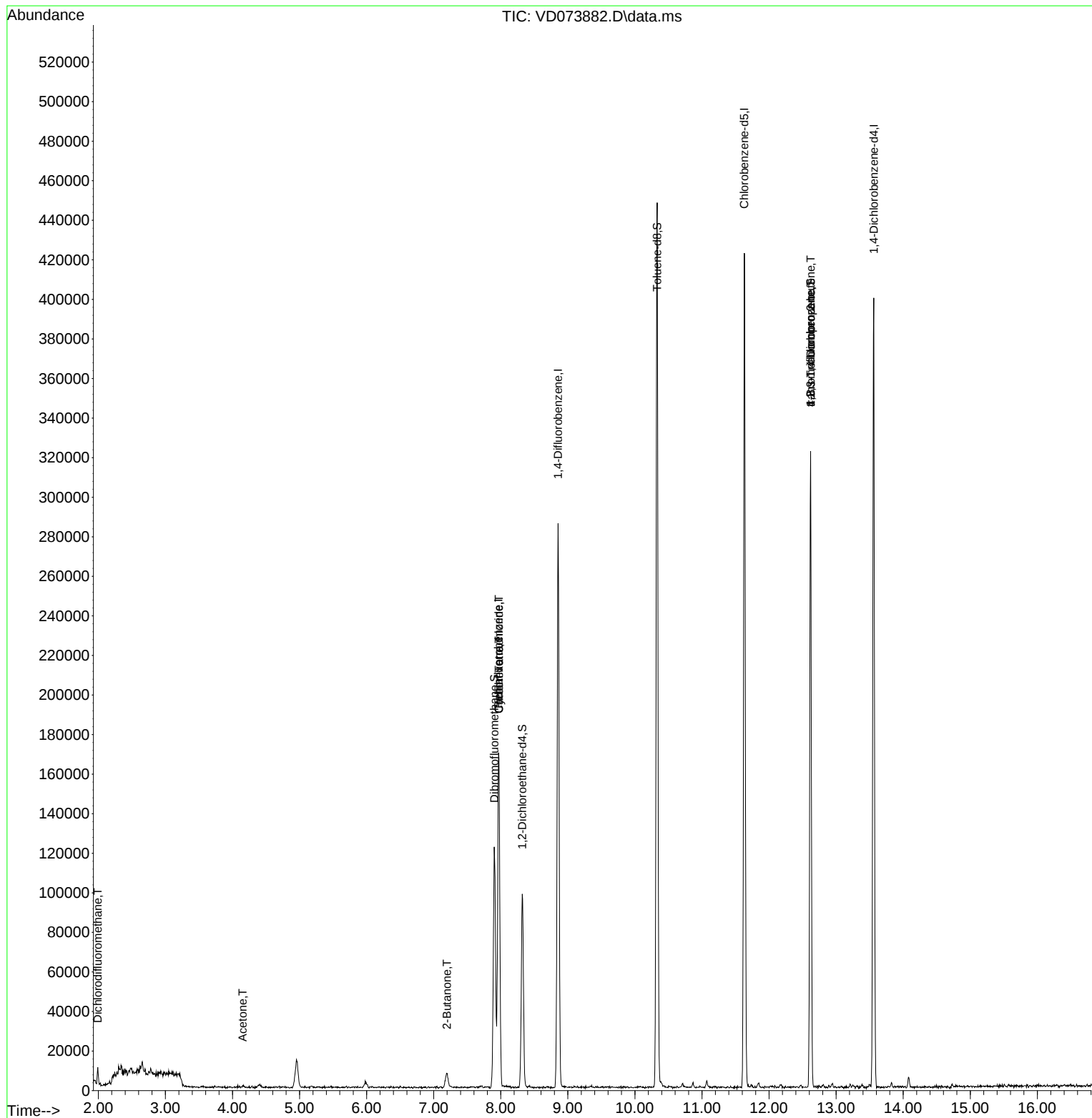
Internal Standards						
1) Pentafluorobenzene	7.967	168	119097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	244058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	232929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	104141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	77592	54.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.120%	
35) Dibromofluoromethane	7.903	113	82824	48.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.200%	
50) Toluene-d8	10.332	98	301878	48.297	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.600%	
62) 4-Bromofluorobenzene	12.620	95	100036	46.549	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	5369	2.982	ug/l	87
3) Chloromethane	2.209	50	1451	Below Cal	#	75
11) Tert butyl alcohol	5.179	59	440	Below Cal	#	74
16) Acetone	4.150	43	1280	5.485	ug/l	99
18) Methyl Acetate	4.714	43	64	Below Cal	#	55
20) Methylene Chloride	4.956	84	10798	Below Cal	#	76
25) 2-Butanone	7.197	43	610	1.842	ug/l #	52
31) Cyclohexane	7.973	56	3478	1.539	ug/l #	21
38) Carbon Tetrachloride	7.973	117	12951	4.566	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	56596	50.650	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	56596	136.676	ug/l #	7

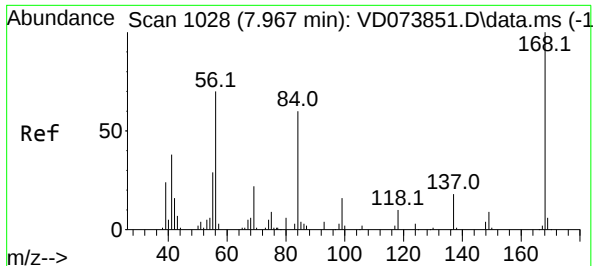
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
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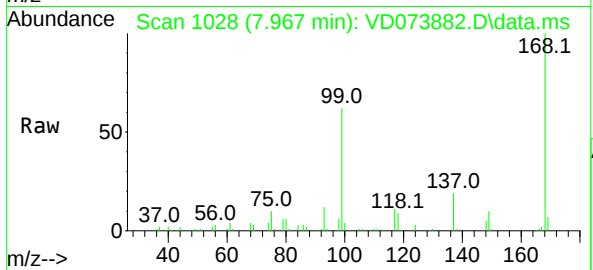
Quant Time: Jul 21 01:10:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 20 15:29:08 2022
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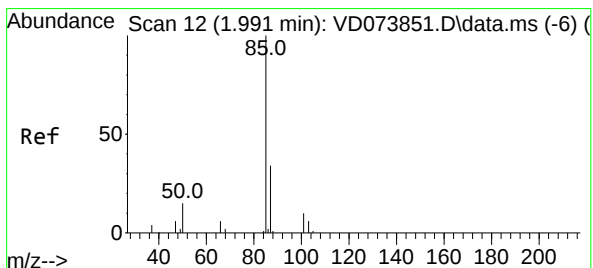
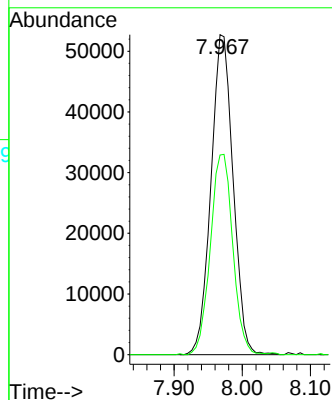
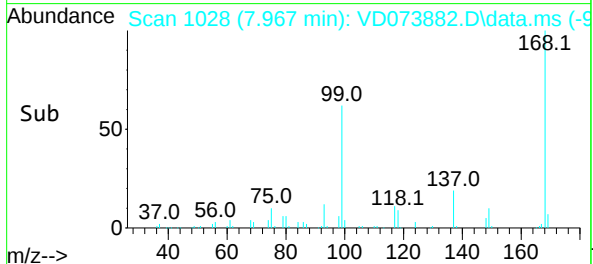


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

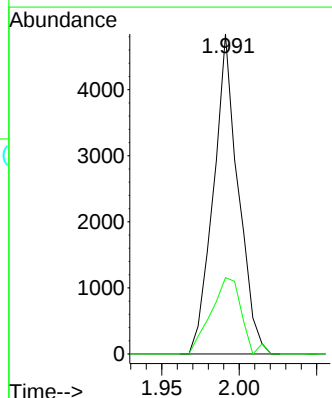
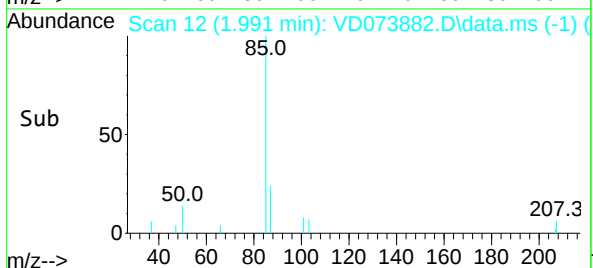
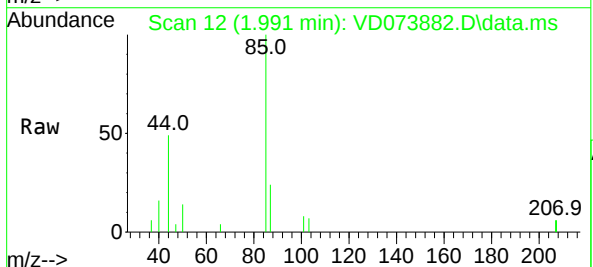


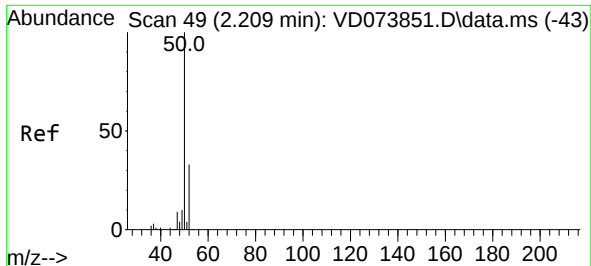
Tgt Ion:168 Resp: 119097
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 2.982 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

Tgt Ion: 85 Resp: 5369
Ion Ratio Lower Upper
85 100
87 23.8 15.7 47.0

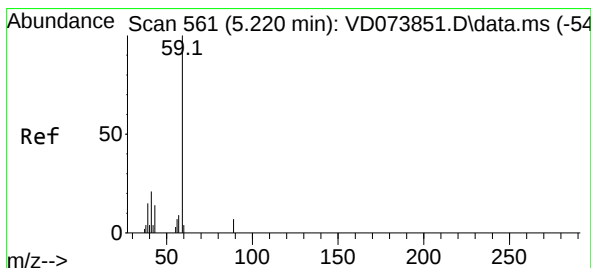
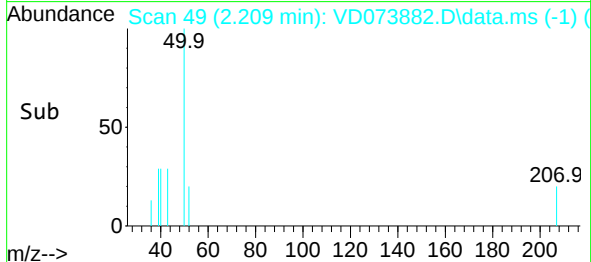
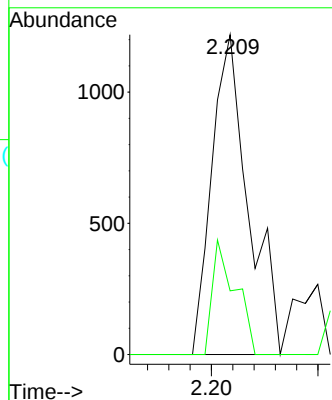
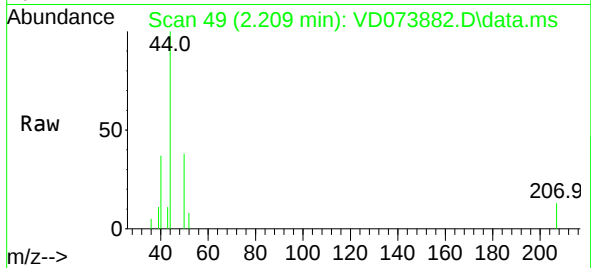




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

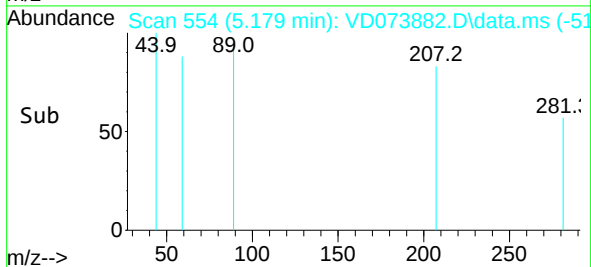
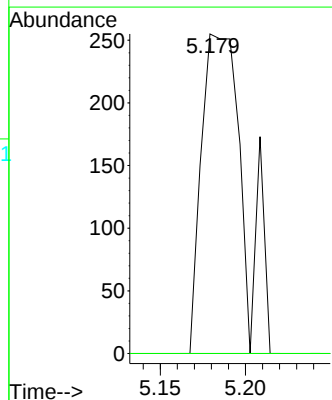
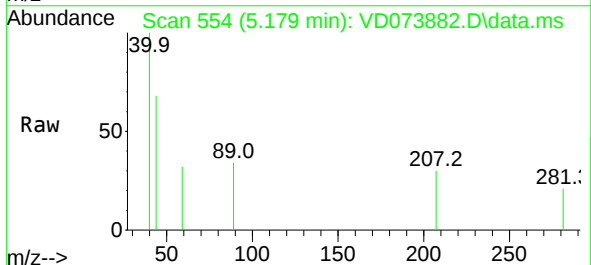
Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

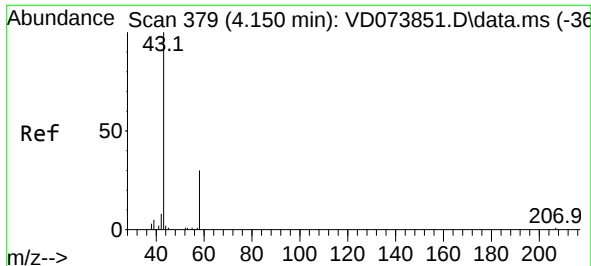
Tgt Ion: 50 Resp: 1451
Ion Ratio Lower Upper
50 100
52 19.9 27.4 41.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

Tgt Ion: 59 Resp: 440
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

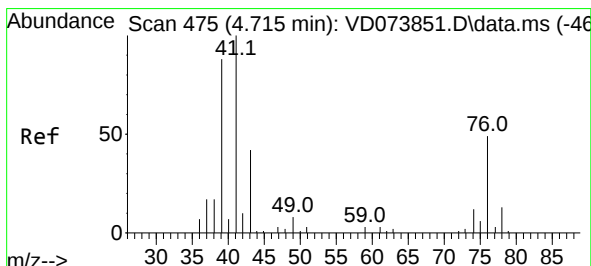
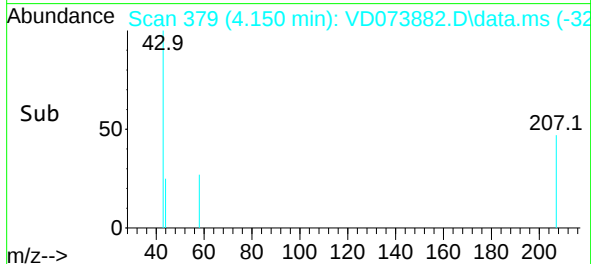
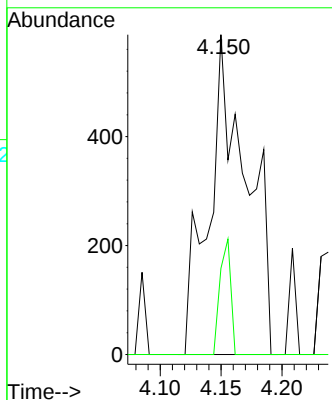
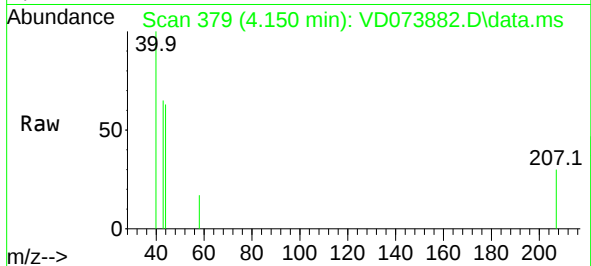




#16
Acetone
Concen: 5.485 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

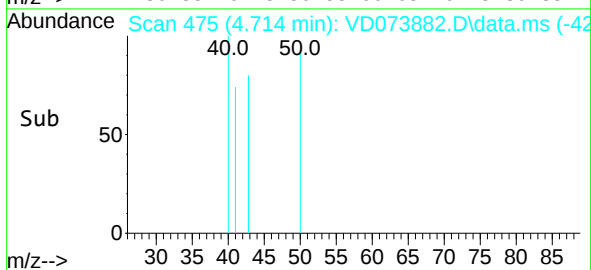
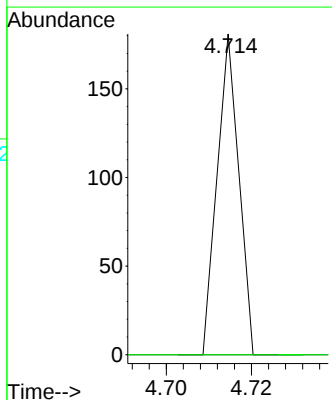
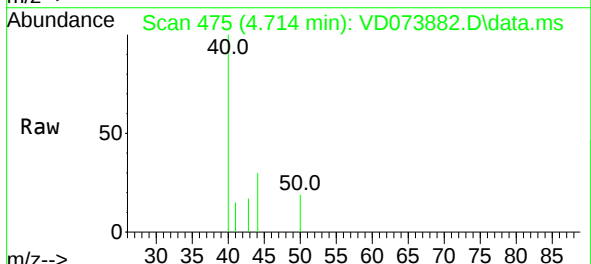
Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

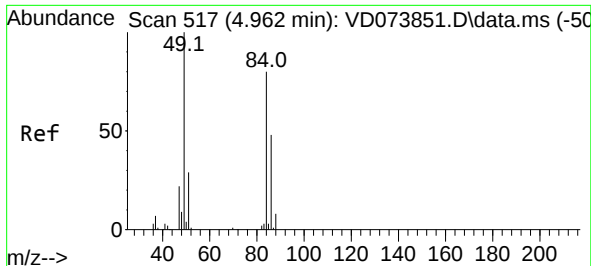
Tgt Ion: 43 Resp: 1280
Ion Ratio Lower Upper
43 100
58 26.9 22.1 33.1



#18
Methyl Acetate
Concen: Below Cal
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

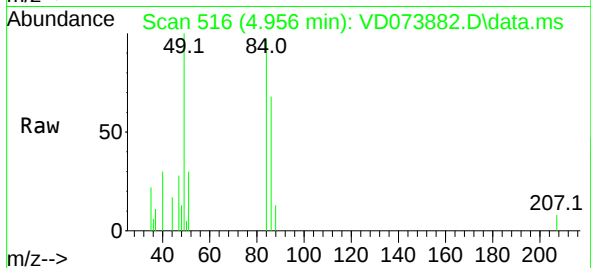
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



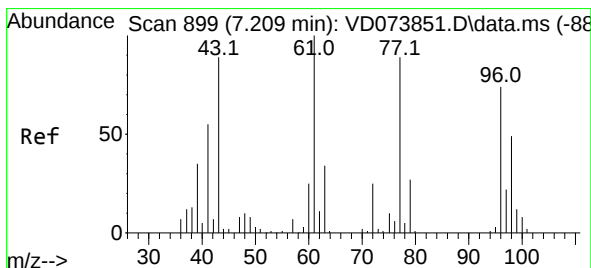
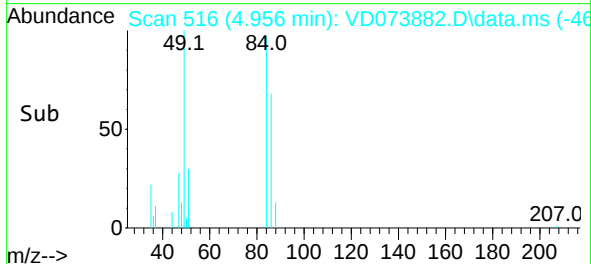
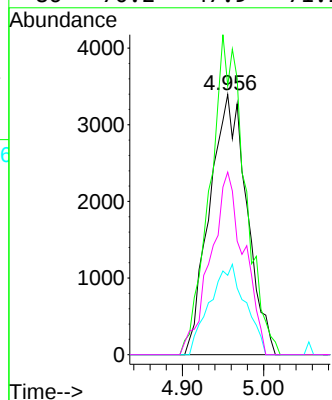


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

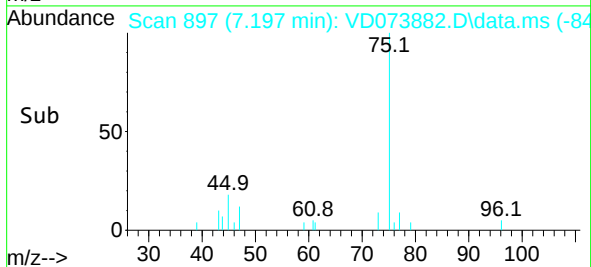
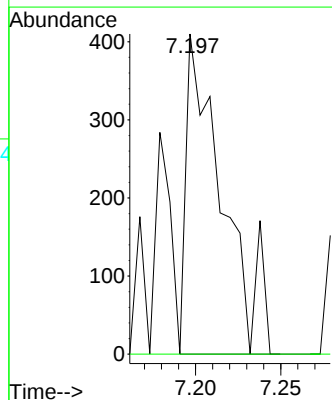
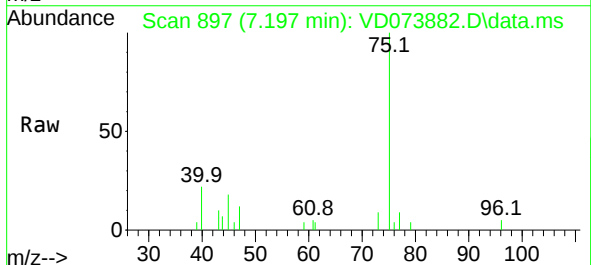


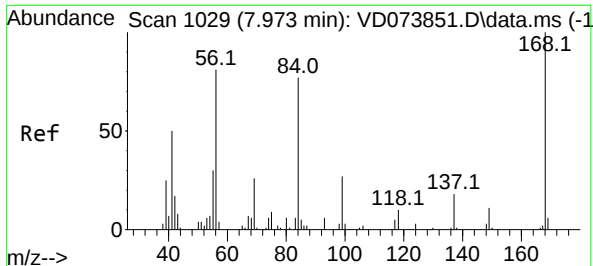
Tgt Ion: 84 Resp: 10798
Ion Ratio Lower Upper
84 100
49 103.3 112.8 169.2#
51 30.5 32.6 48.8#
86 70.2 47.9 71.9



#25
2-Butanone
Concen: 1.842 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

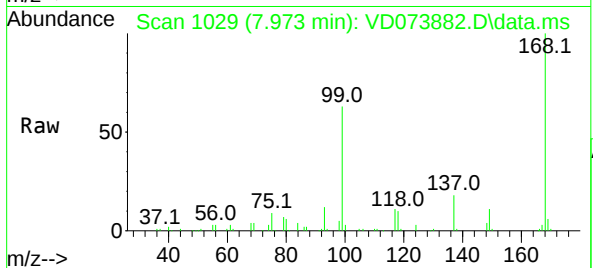
Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



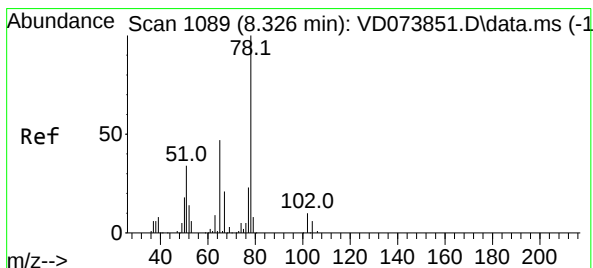
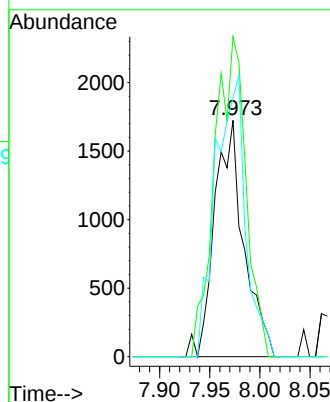
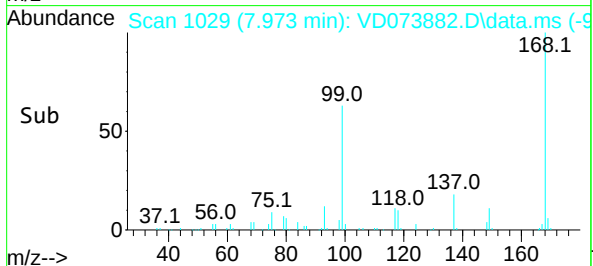


#31
Cyclohexane
Concen: 1.539 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

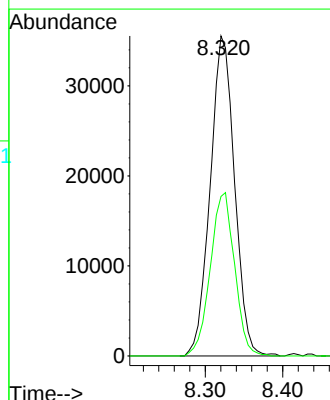
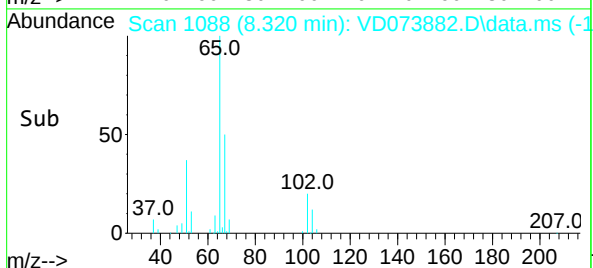
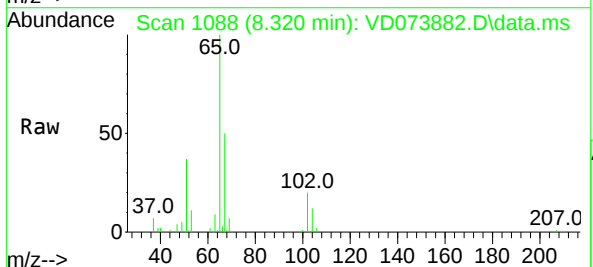


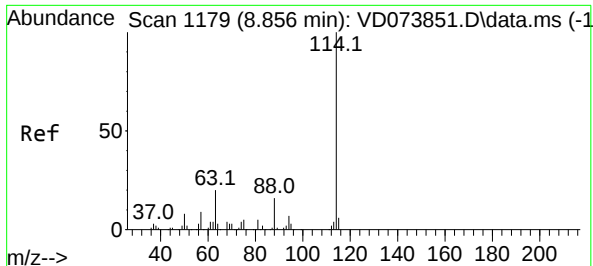
Tgt Ion: 56 Resp: 3478
Ion Ratio Lower Upper
56 100
69 135.4 25.4 38.2#
84 109.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 54.559 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

Tgt Ion: 65 Resp: 77592
Ion Ratio Lower Upper
65 100
67 50.9 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: VD073882.D

Acq: 20 Jul 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

SB-01-6.5-7.0

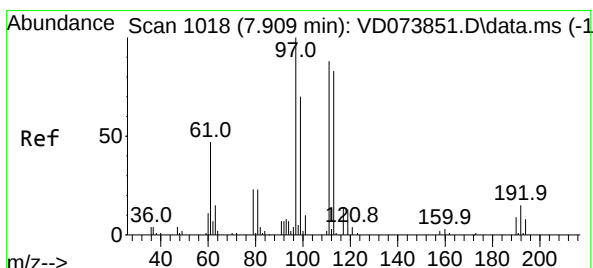
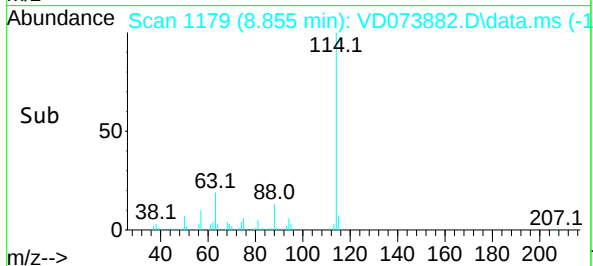
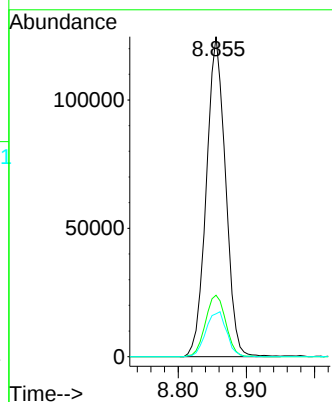
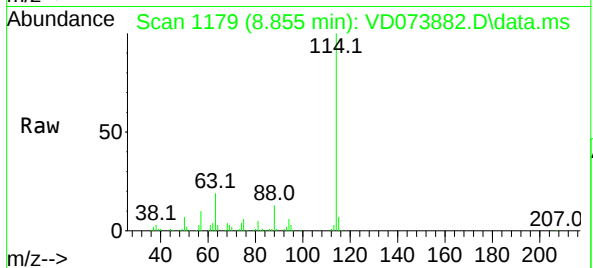
Tgt Ion:114 Resp: 244058

Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 13.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.104 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073882.D

Acq: 20 Jul 2022 16:32

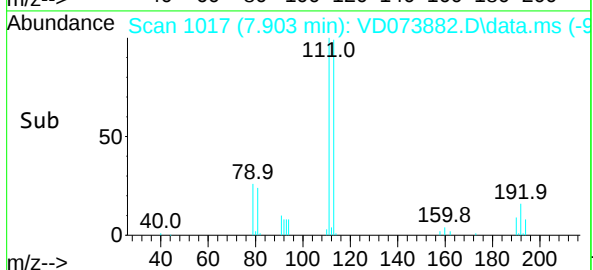
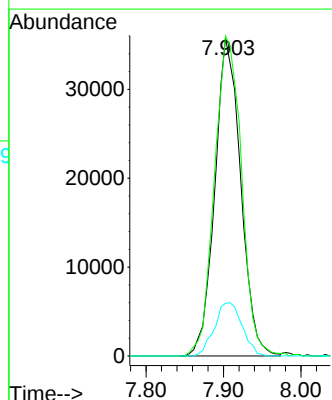
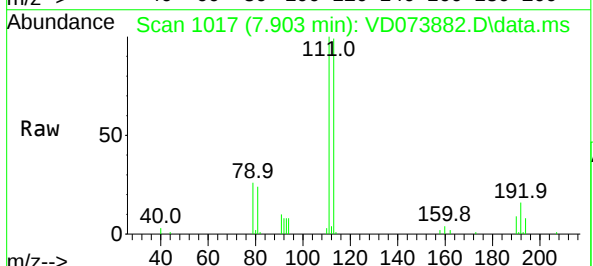
Tgt Ion:113 Resp: 82824

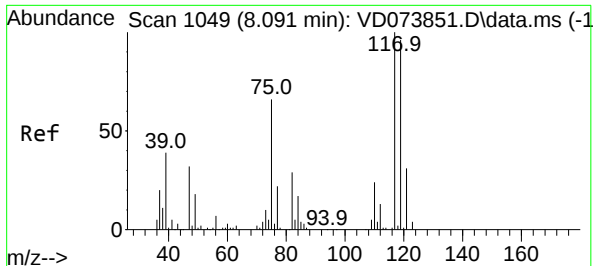
Ion Ratio Lower Upper

113 100

111 105.7 83.8 125.6

192 18.0 14.6 21.8





#38

Carbon Tetrachloride

Concen: 4.566 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073882.D

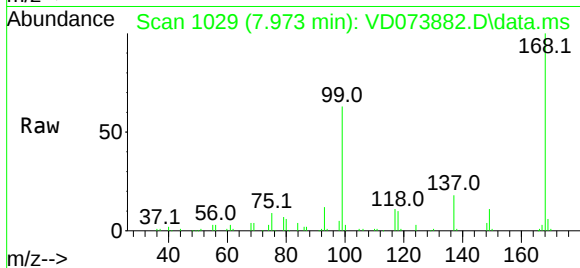
Acq: 20 Jul 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

SB-01-6.5-7.0



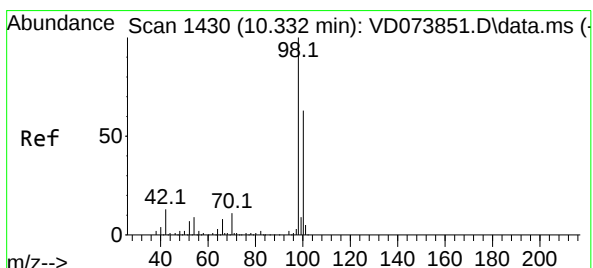
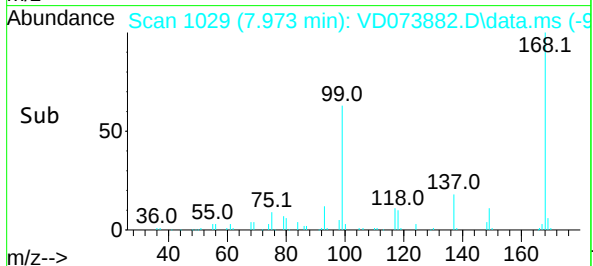
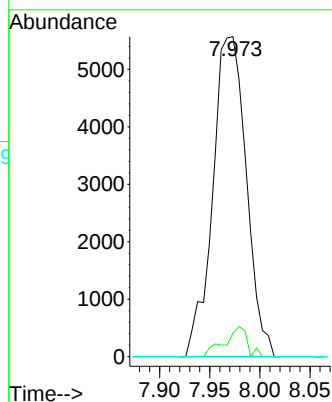
Tgt Ion:117 Resp: 12951

Ion Ratio Lower Upper

117 100

119 7.3 75.8 113.6#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 48.297 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073882.D

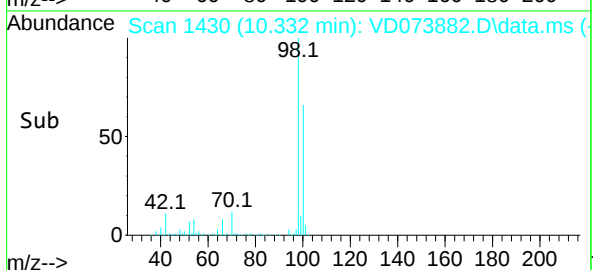
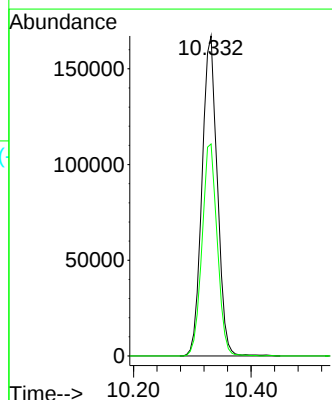
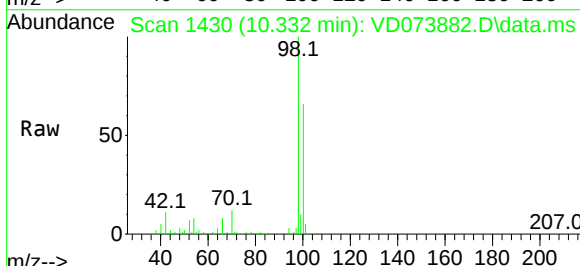
Acq: 20 Jul 2022 16:32

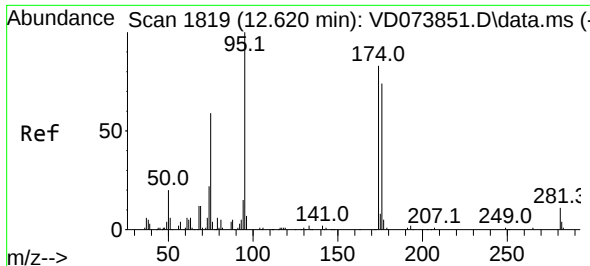
Tgt Ion: 98 Resp: 301878

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6

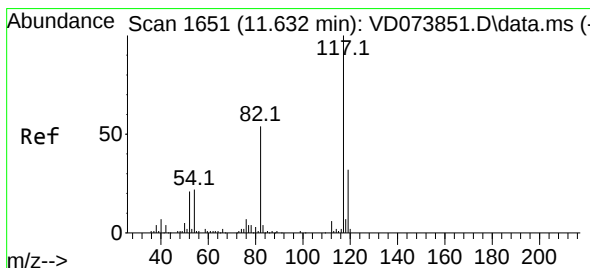
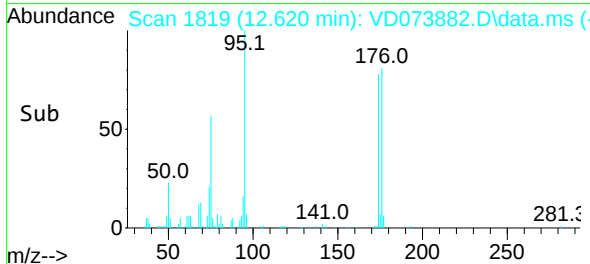
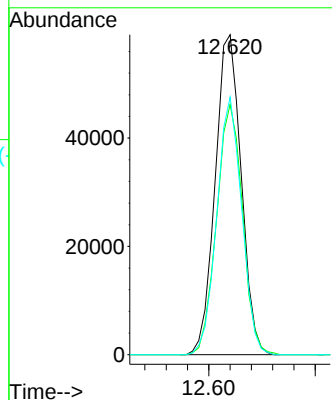
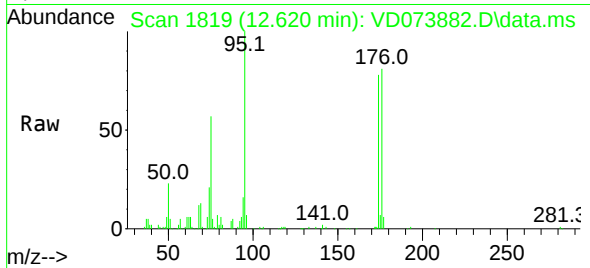




#62
4-Bromofluorobenzene
Concen: 46.549 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

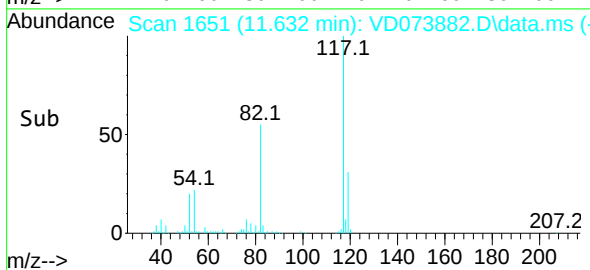
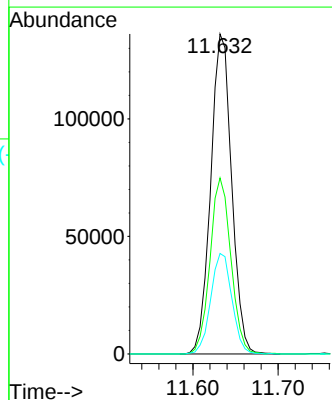
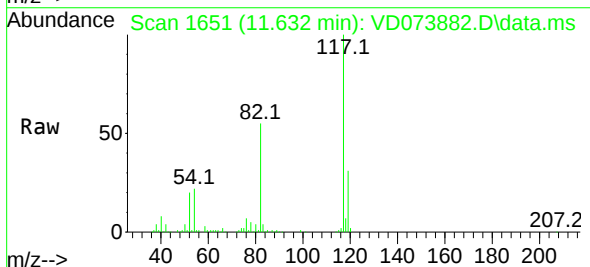
Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

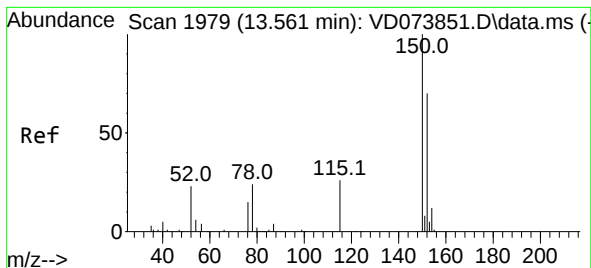
Tgt Ion: 95 Resp: 100036
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 77.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

Tgt Ion: 117 Resp: 232929
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 31.4 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: VD073882.D

Acq: 20 Jul 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

SB-01-6.5-7.0

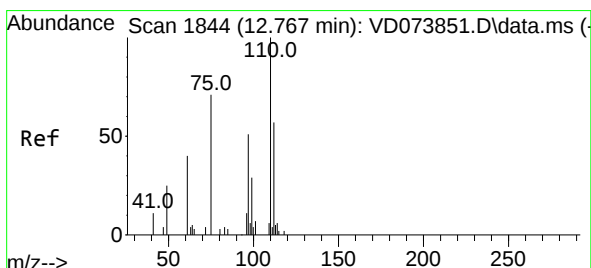
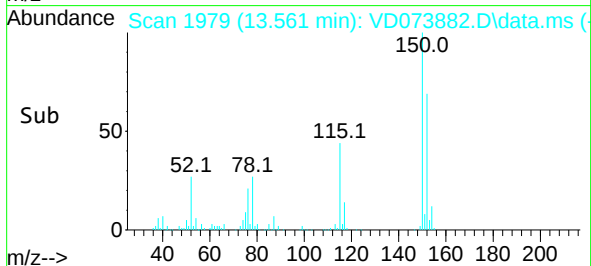
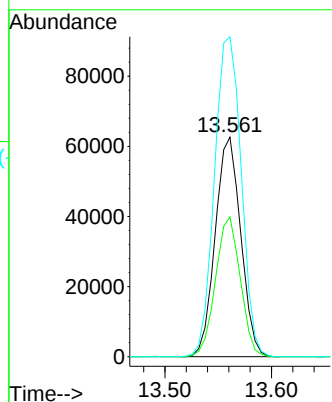
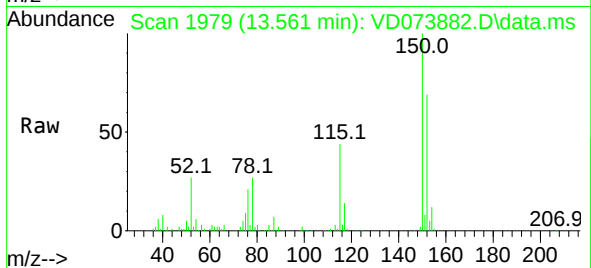
Tgt Ion:152 Resp: 104141

Ion Ratio Lower Upper

152 100

115 61.7 31.3 93.8

150 152.9 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 50.650 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073882.D

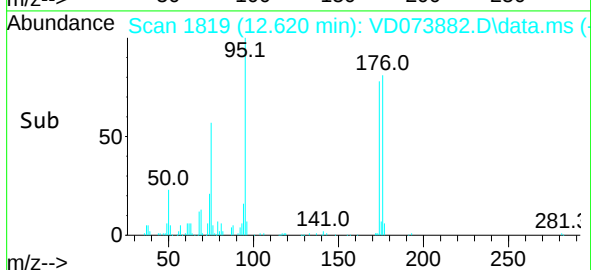
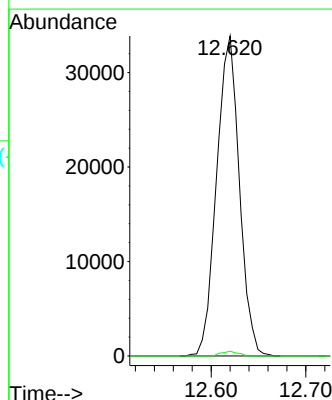
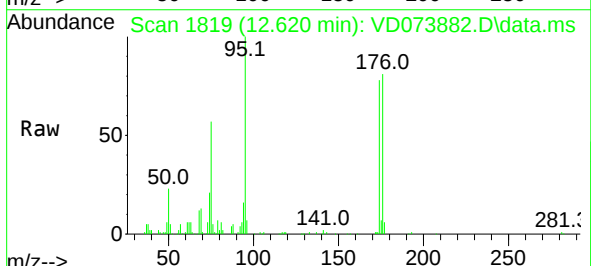
Acq: 20 Jul 2022 16:32

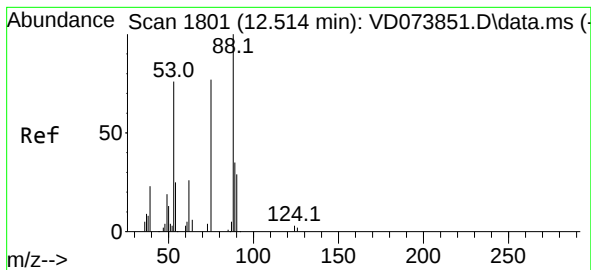
Tgt Ion: 75 Resp: 56596

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.676 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073882.D
 Acq: 20 Jul 2022 16:32

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-6.5-7.0

Tgt Ion: 75 Resp: 56596
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

