

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073901.D
 Acq On : 21 Jul 2022 17:34
 Operator : VA/SY
 Sample : N3814-06
 Misc : 6.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ENV-DE-3(10-15)

Quant Time: Jul 22 01:20:05 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	125612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	232727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	230671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	105819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	81551	54.369	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.740%	
35) Dibromofluoromethane	7.909	113	81035	49.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.720%	
50) Toluene-d8	10.332	98	290348	48.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.420%	
62) 4-Bromofluorobenzene	12.620	95	106403	51.923	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.840%	

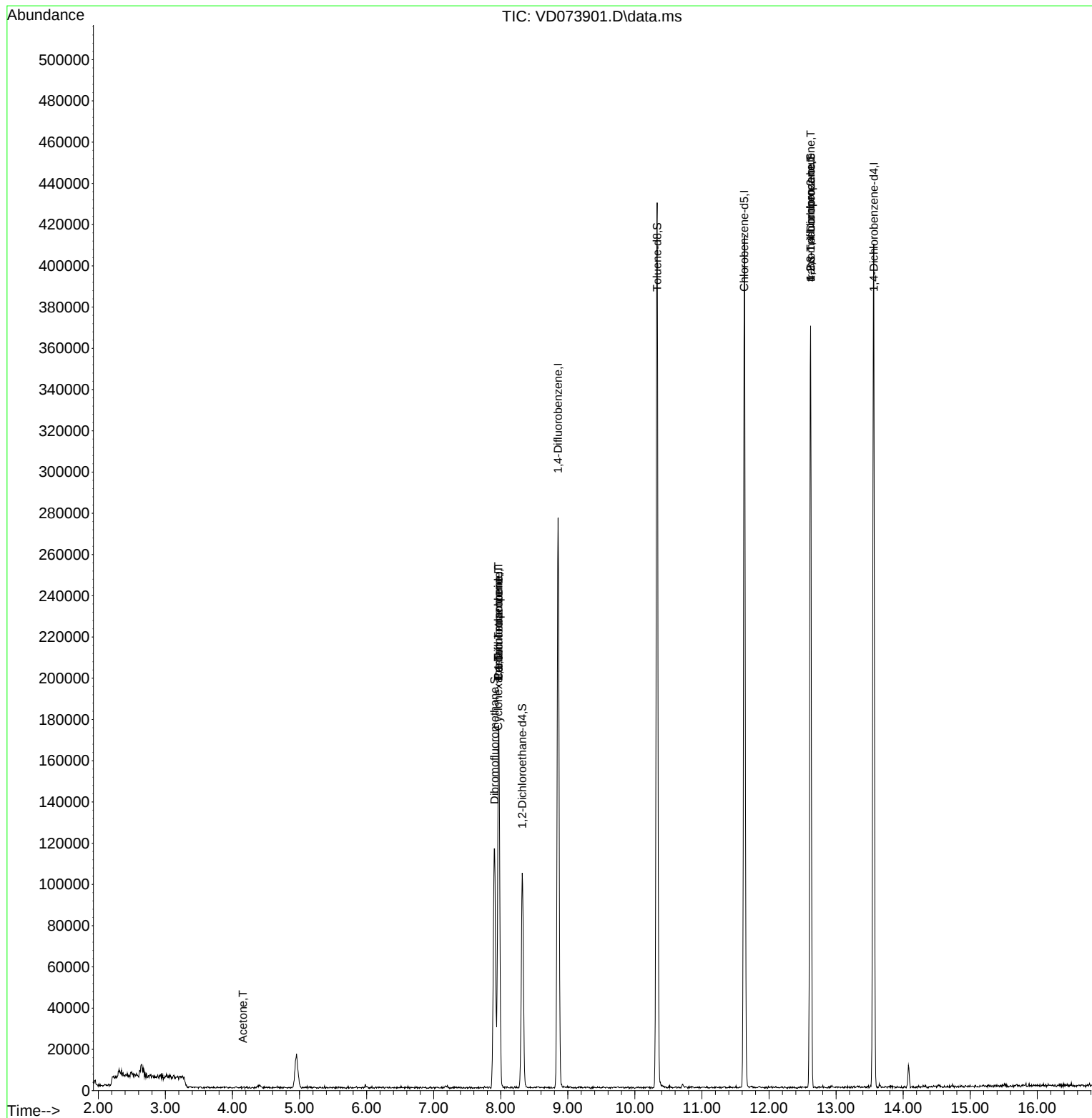
Target Compounds			Qvalue			
3) Chloromethane	2.209	50	1221	Below Cal	#	63
11) Tert butyl alcohol	5.226	59	181	Below Cal	#	74
16) Acetone	4.156	43	271	1.101	ug/l #	47
18) Methyl Acetate	4.803	43	66	Below Cal	#	55
20) Methylene Chloride	4.956	84	12028	Below Cal		90
31) Cyclohexane	7.961	56	3487	1.463	ug/l #	30
36) 1,1-Dichloropropene	7.967	75	10580	4.467	ug/l #	50
38) Carbon Tetrachloride	7.967	117	13375	4.945	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	56282	49.571	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	56282	133.763	ug/l #	7

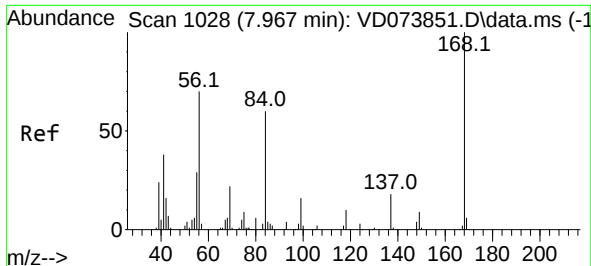
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ENV-DE-3(10-15)

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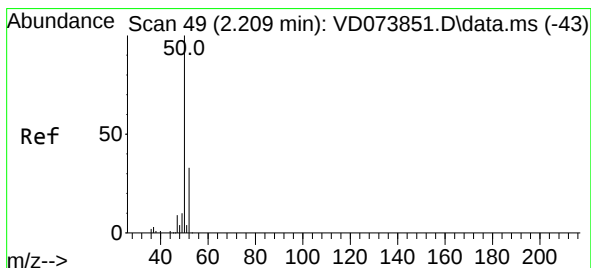
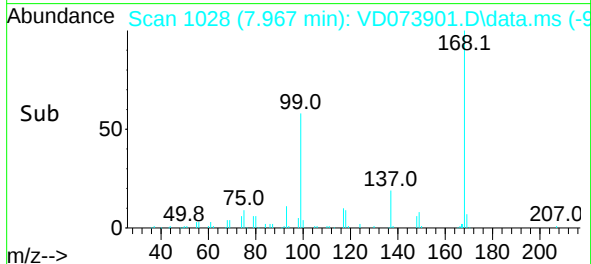
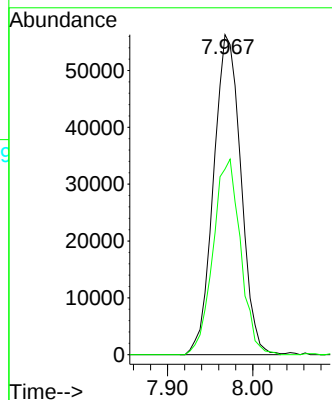
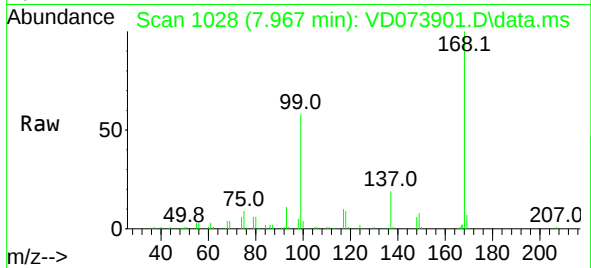




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

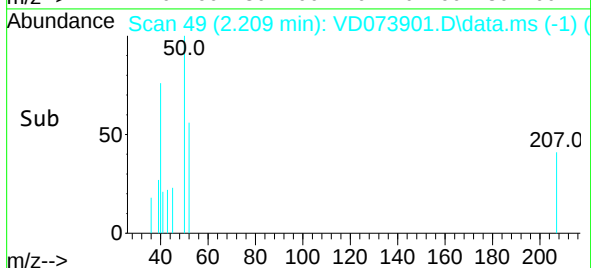
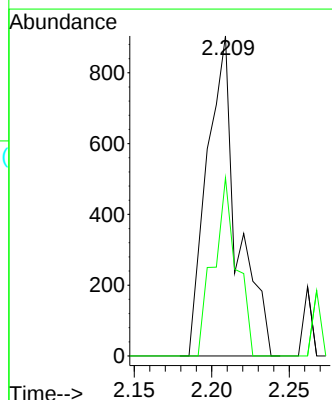
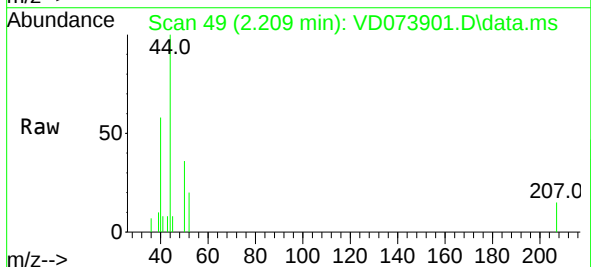
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(10-15)

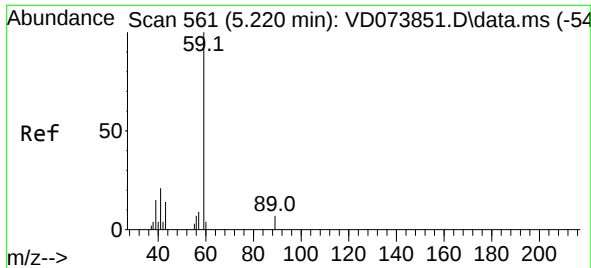
Tgt Ion:168 Resp: 125612
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

Tgt Ion: 50 Resp: 1221
Ion Ratio Lower Upper
50 100
52 55.6 27.4 41.0#

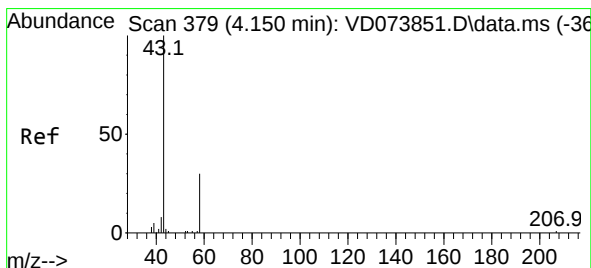
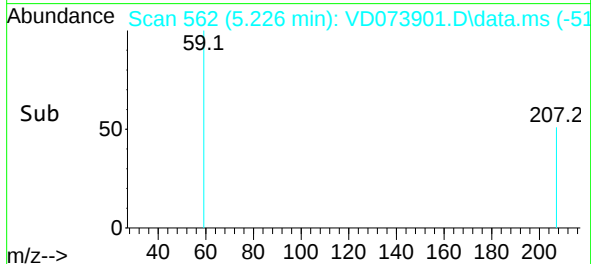
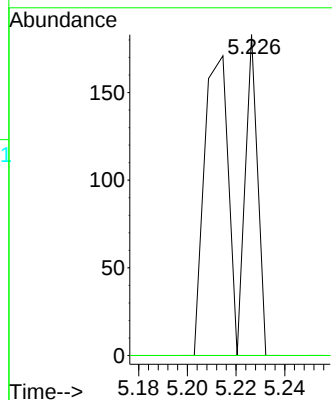
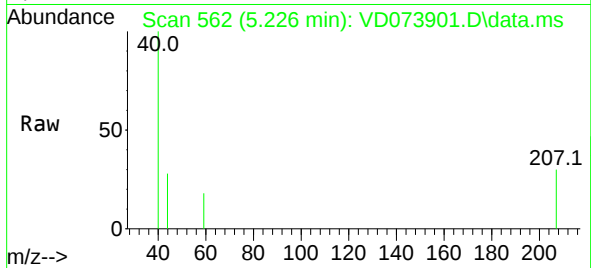




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

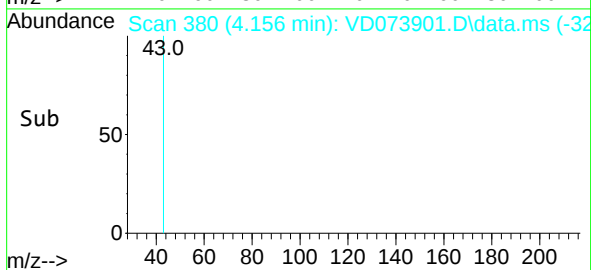
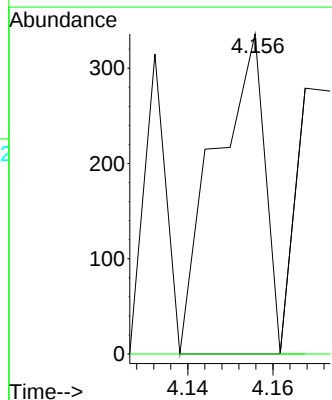
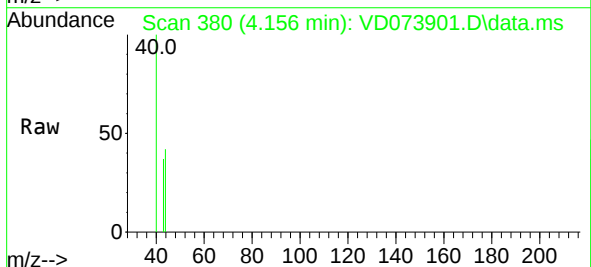
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(10-15)

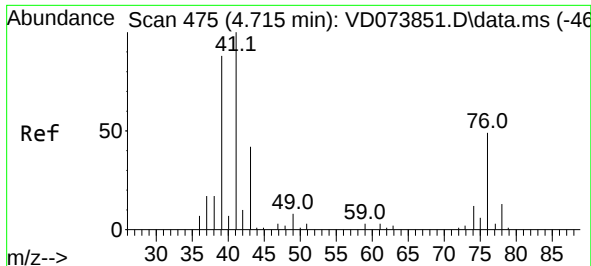
Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 1.101 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

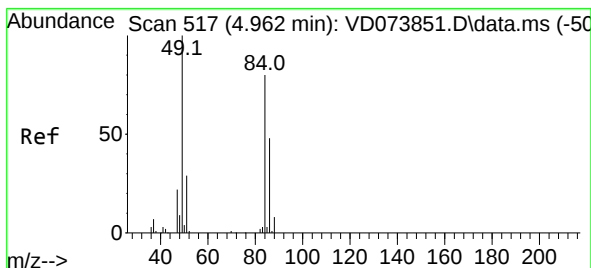
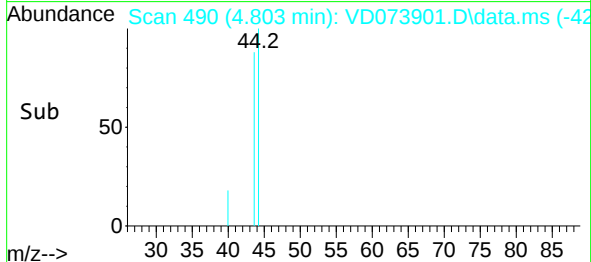
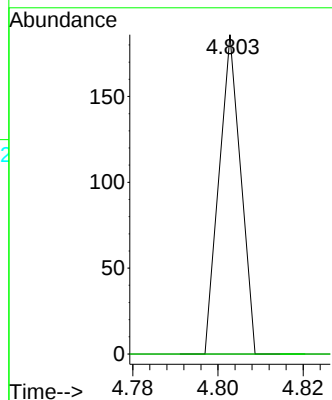
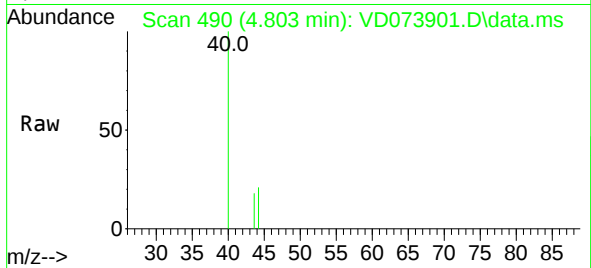




#18
Methyl Acetate
Concen: Below Cal
RT: 4.803 min Scan# 49
Delta R.T. 0.088 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

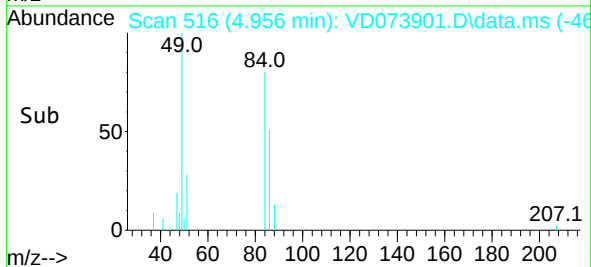
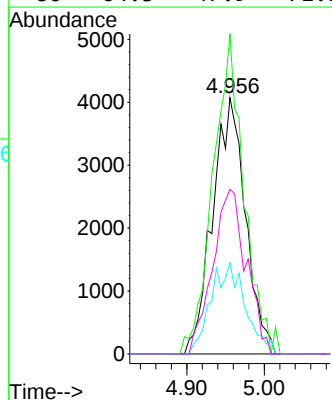
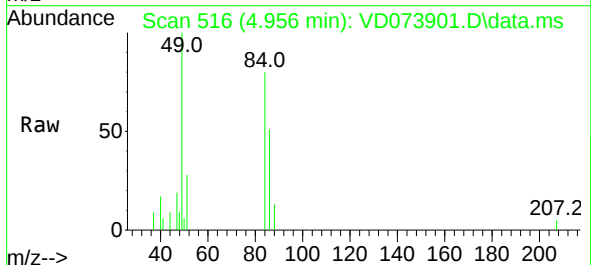
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(10-15)

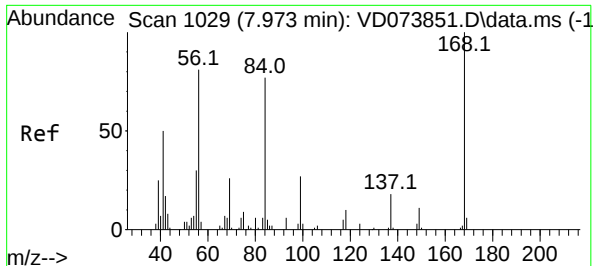
Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

Tgt Ion: 84 Resp: 12028
Ion Ratio Lower Upper
84 100
49 124.9 112.8 169.2
51 35.5 32.6 48.8
86 64.3 47.9 71.9

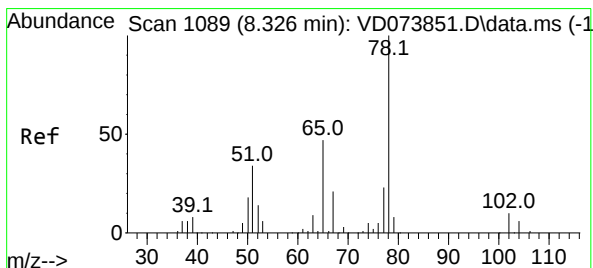
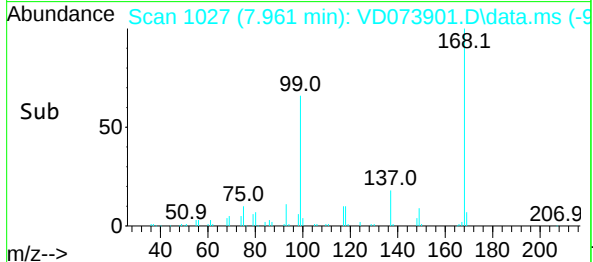
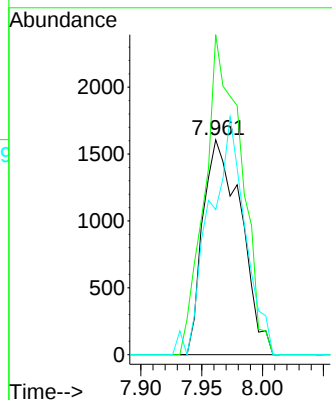
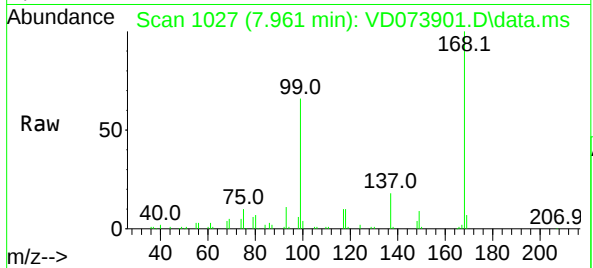




#31
Cyclohexane
Concen: 1.463 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.012 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

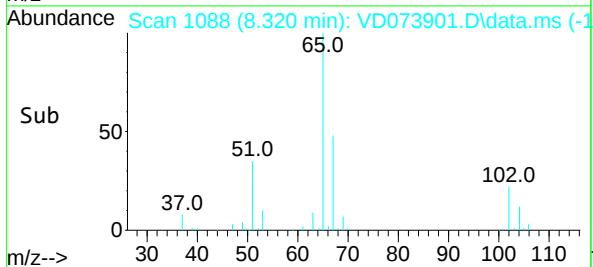
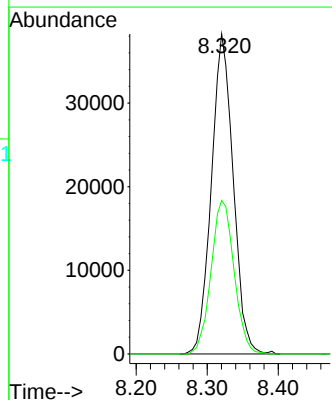
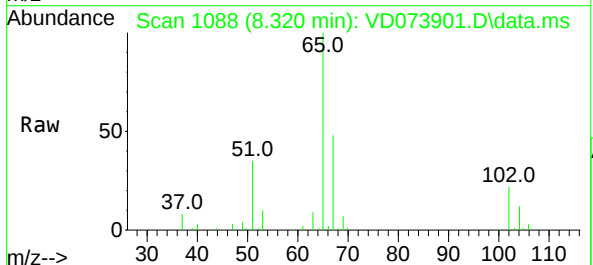
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(10-15)

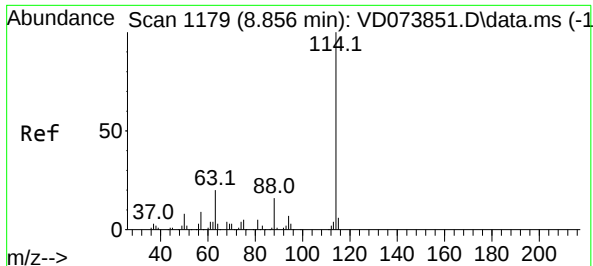
Tgt Ion: 56 Resp: 3487
Ion Ratio Lower Upper
56 100
69 148.9 25.4 38.2#
84 67.5 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 54.369 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

Tgt Ion: 65 Resp: 81551
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.4

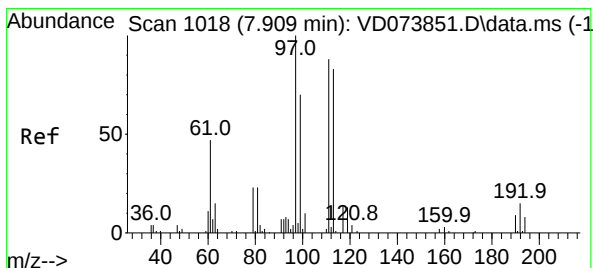
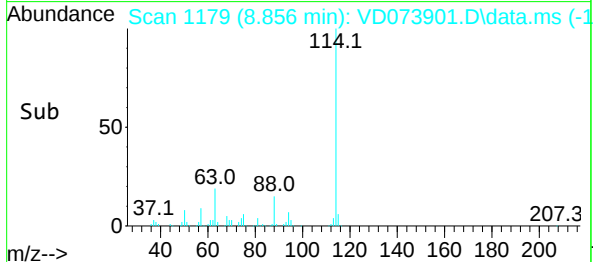
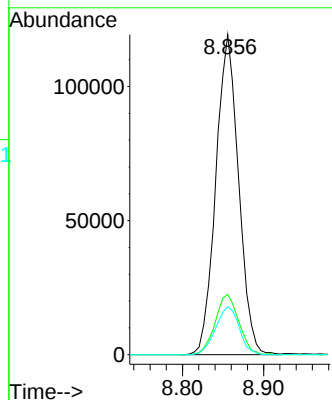
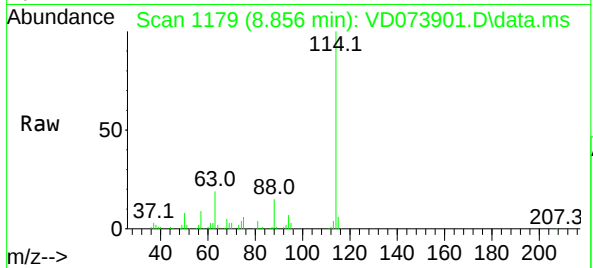




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

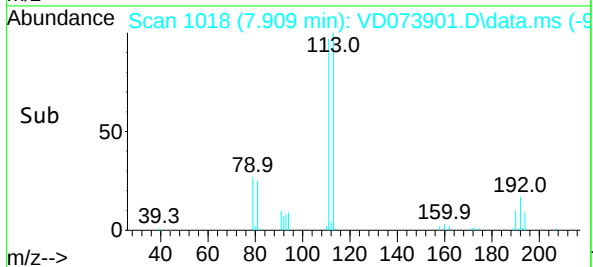
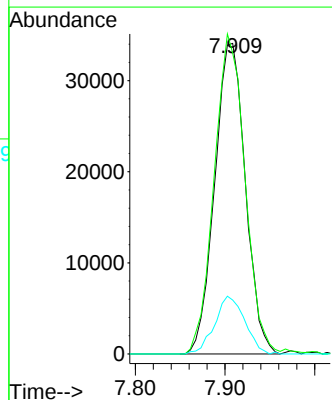
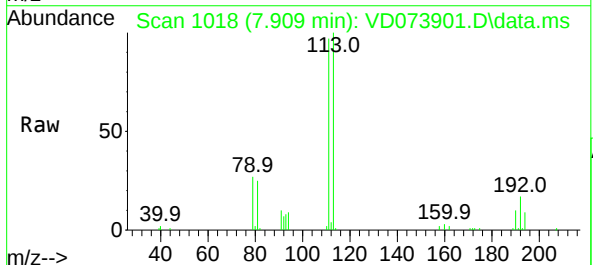
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(10-15)

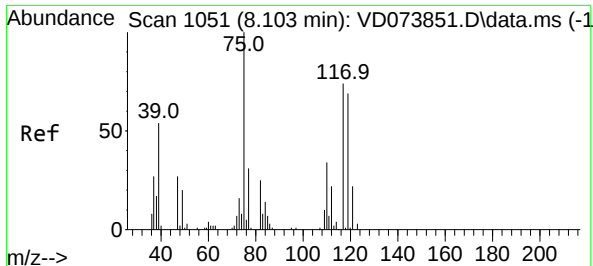
Tgt Ion:114 Resp: 232727
Ion Ratio Lower Upper
114 100
63 18.9 0.0 46.6
88 15.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.356 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

Tgt Ion:113 Resp: 81035
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 18.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.467 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

Lab File: VD073901.D

Acq: 21 Jul 2022 17:34

Instrument :

MSVOA_D

ClientSampleId :

ENV-DE-3(10-15)

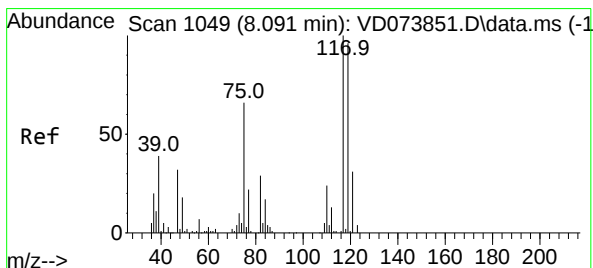
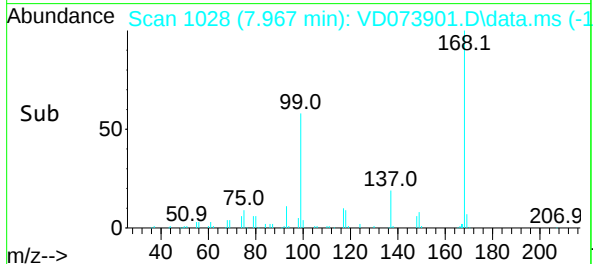
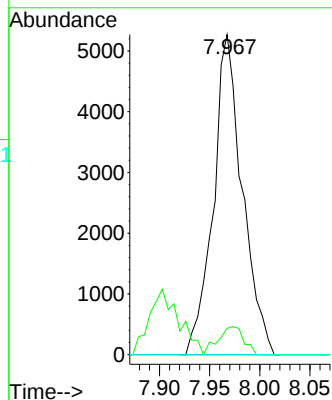
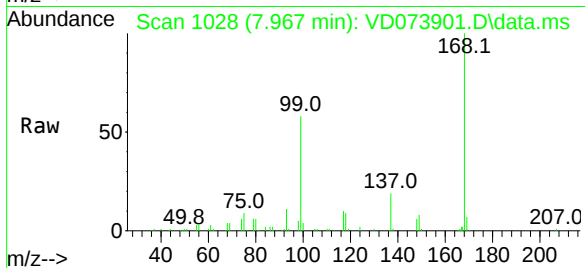
Tgt Ion: 75 Resp: 10580

Ion Ratio Lower Upper

75 100

110 7.8 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.945 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.123 min

Lab File: VD073901.D

Acq: 21 Jul 2022 17:34

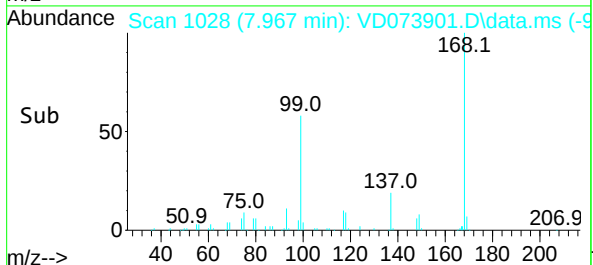
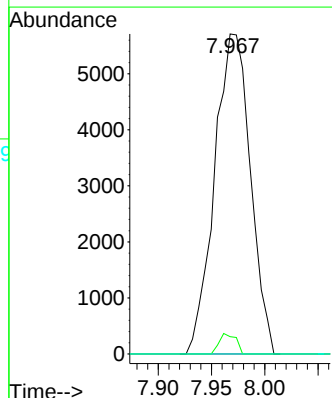
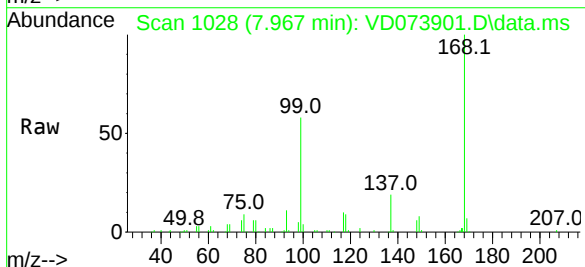
Tgt Ion: 117 Resp: 13375

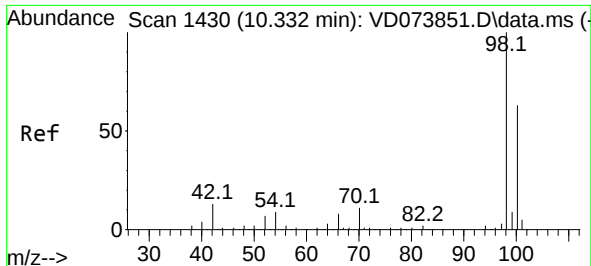
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

121 0.0 24.5 36.7#

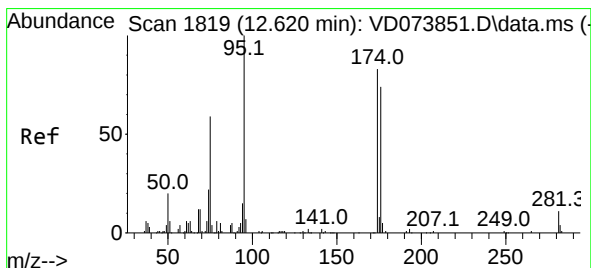
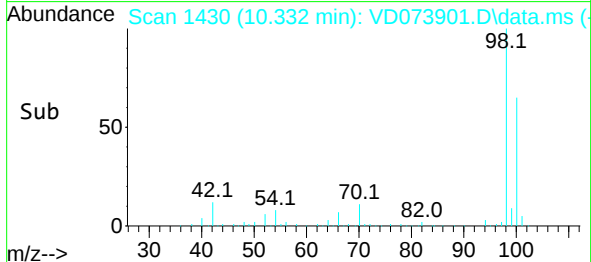
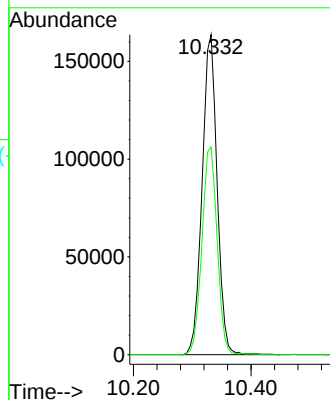
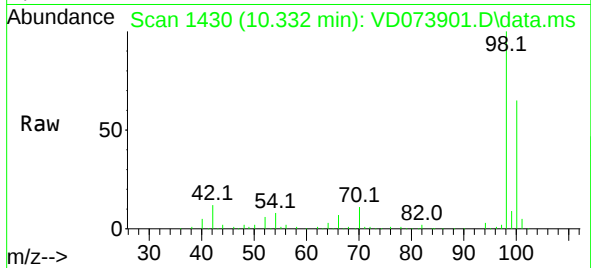




#50
Toluene-d8
Concen: 48.714 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

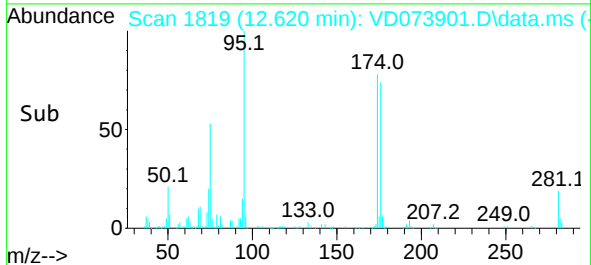
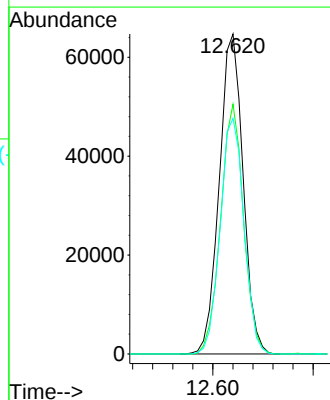
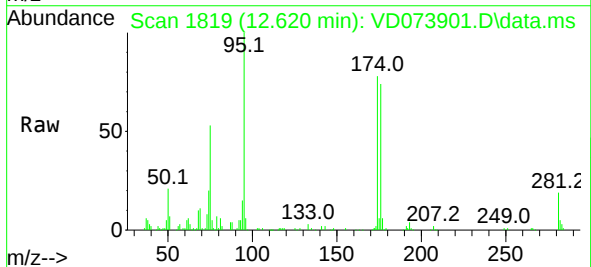
Instrument :
MSVOA_D
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ENV-DE-3(10-15)

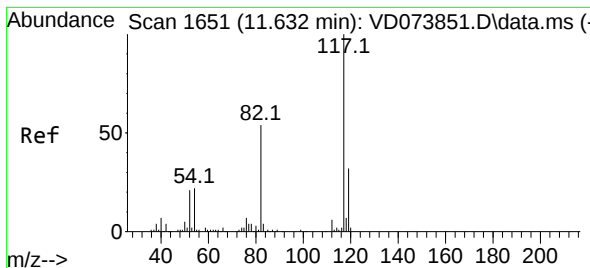
Tgt Ion: 98 Resp: 290348
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.923 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

Tgt Ion: 95 Resp: 106403
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 73.5 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073901.D

Acq: 21 Jul 2022 17:34

Instrument :

MSVOA_D

ClientSampleId :

ENV-DE-3(10-15)

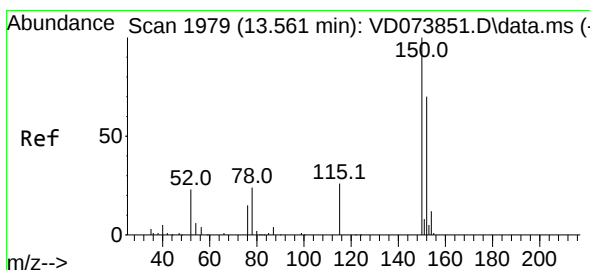
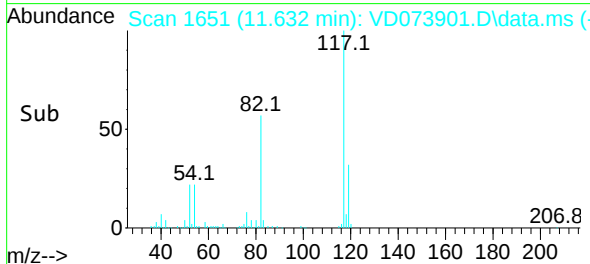
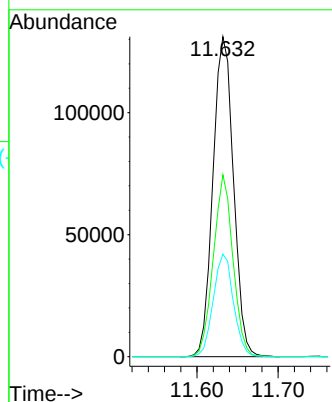
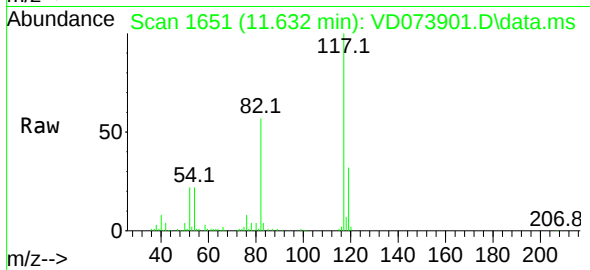
Tgt Ion:117 Resp: 230671

Ion Ratio Lower Upper

117 100

82 56.8 45.3 67.9

119 32.1 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: VD073901.D

Acq: 21 Jul 2022 17:34

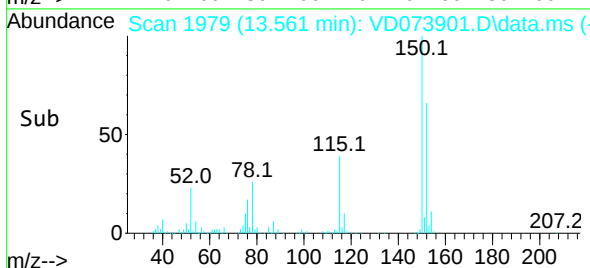
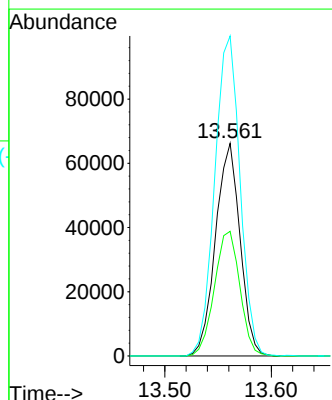
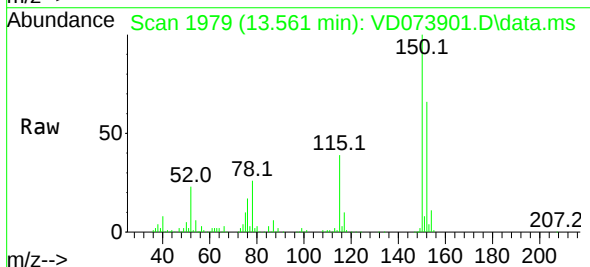
Tgt Ion:152 Resp: 105819

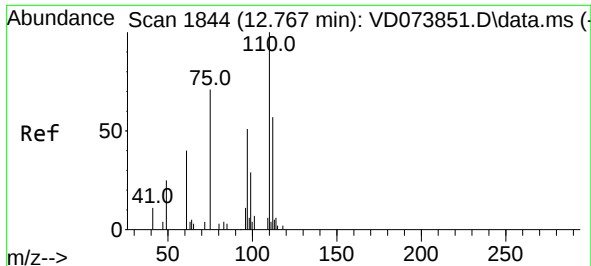
Ion Ratio Lower Upper

152 100

115 60.8 31.3 93.8

150 155.1 0.0 348.6

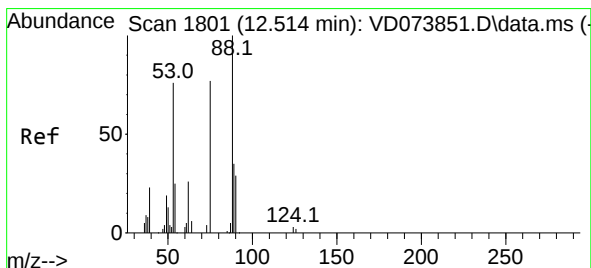
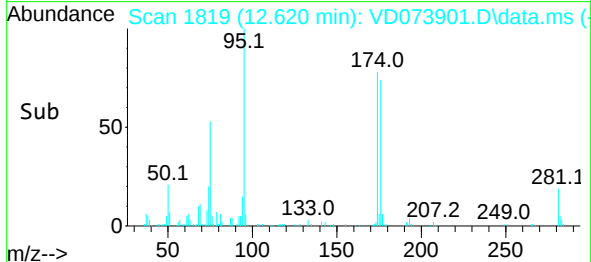
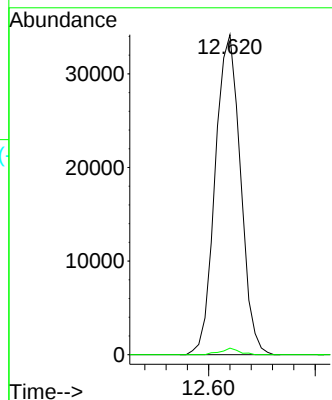
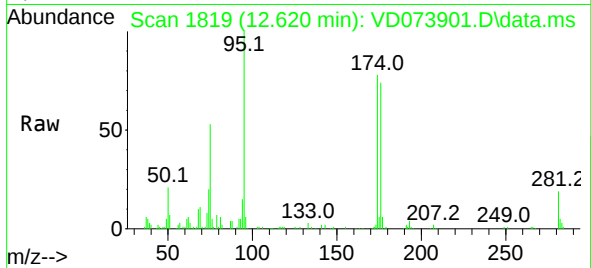




#76
1,2,3-Trichloropropane
Concen: 49.571 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(10-15)

Tgt Ion: 75 Resp: 56282
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.763 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

Tgt Ion: 75 Resp: 56282
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.2 33.9 50.9#

