

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071891.D
 Acq On : 03 Feb 2022 14:20
 Operator : VA/SY
 Sample : N1378-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 04 00:50:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

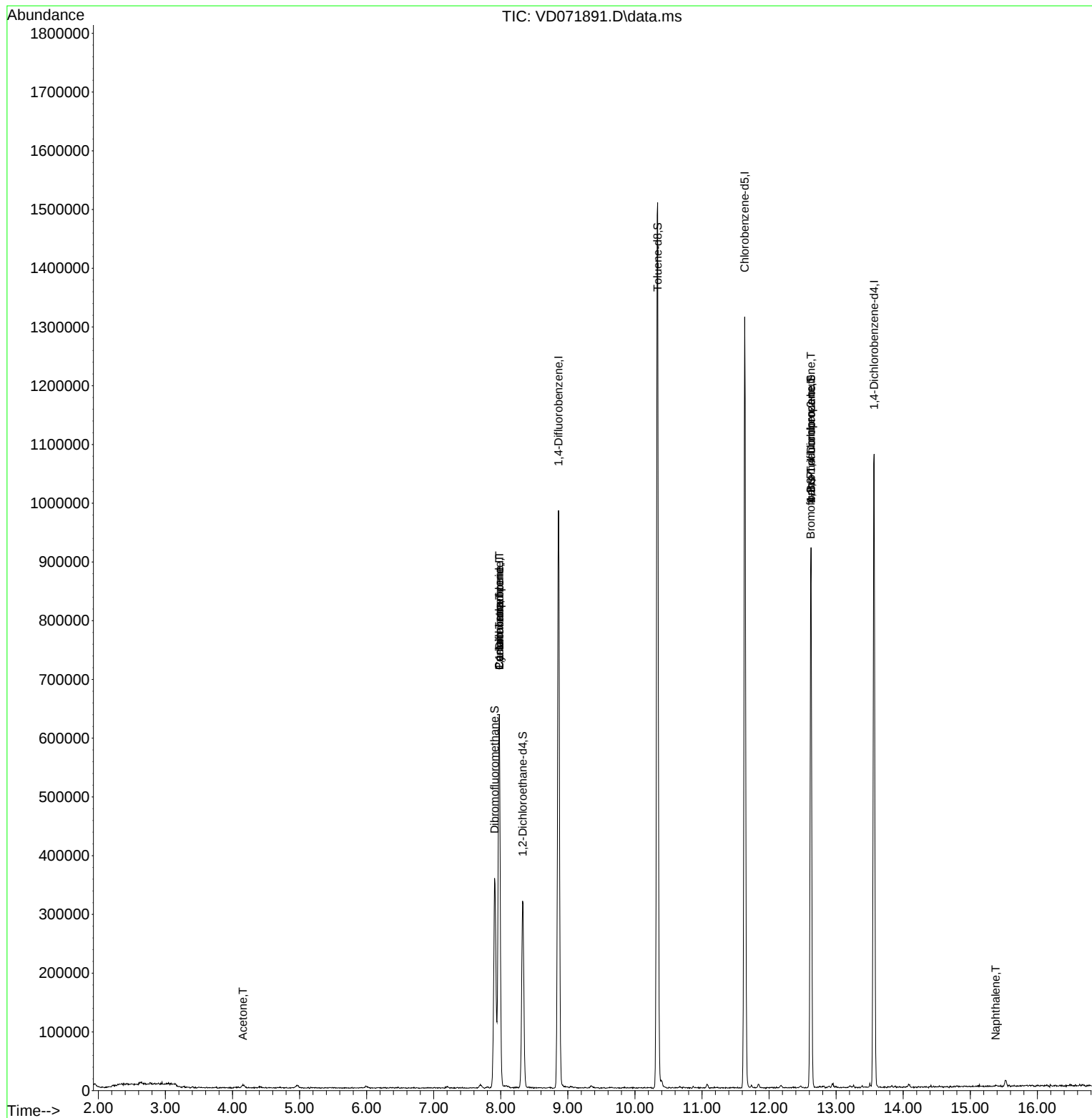
Internal Standards						
1) Pentafluorobenzene	7.979	168	434575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	783045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	690656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	268583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	260686	47.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.920%
35) Dibromofluoromethane	7.908	113	253258	49.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.400%
50) Toluene-d8	10.338	98	990469	51.525	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.626	95	286801	42.724	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	135	Below Cal	#	74
16) Acetone	4.156	43	8951	5.953	ug/l #	88
20) Methylene Chloride	4.961	84	2813	Below Cal	#	91
31) Cyclohexane	7.979	56	12962	1.236	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	41068	4.649	ug/l #	53
38) Carbon Tetrachloride	7.979	117	48005	5.495	ug/l #	18
71) Bromoform	12.620	173	3078	1.085	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	160995	56.878	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	160995	139.850	ug/l #	7
95) Naphthalene	15.379	128	2823	1.748	ug/l #	83

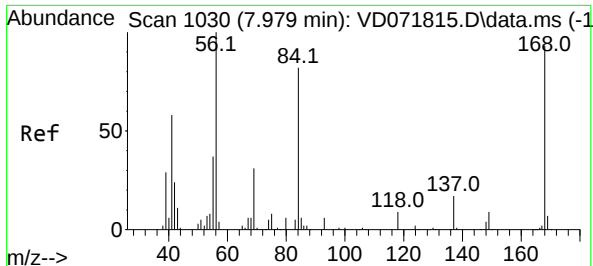
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
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Misc : 5.06G/5.00ml/MSVOA_D/SOIL
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Quant Time: Feb 04 00:50:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

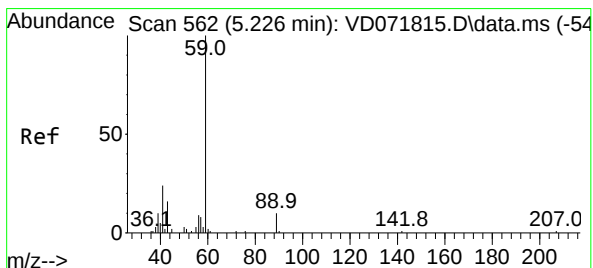
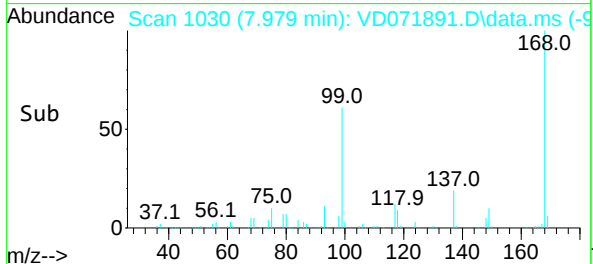
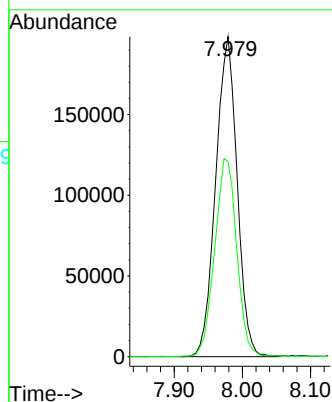
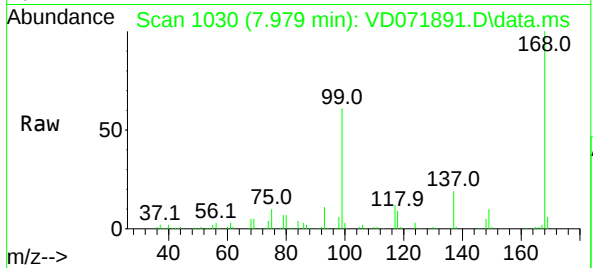




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

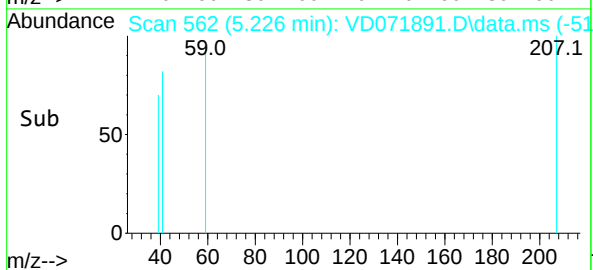
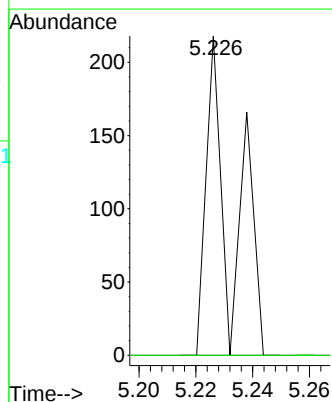
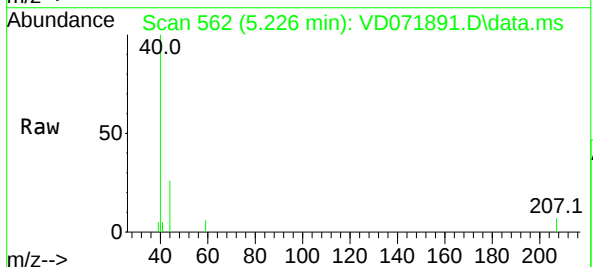
Instrument :
MSVOA_D
ClientSampleId :

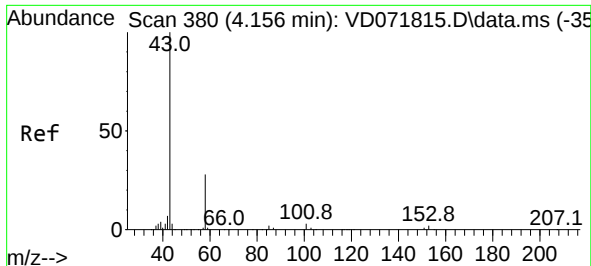
Tgt Ion:168 Resp: 434575
Ion Ratio Lower Upper
168 100
99 60.9 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

Tgt Ion: 59 Resp: 135
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

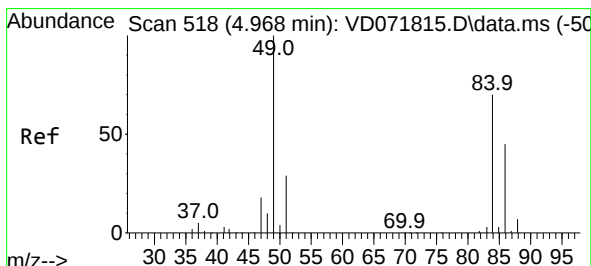
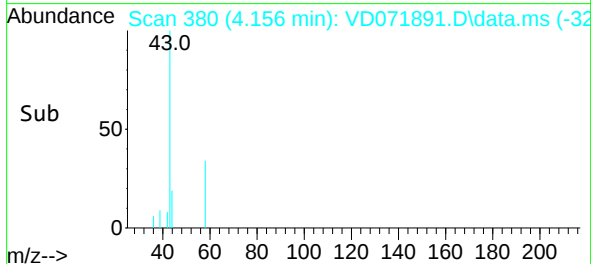
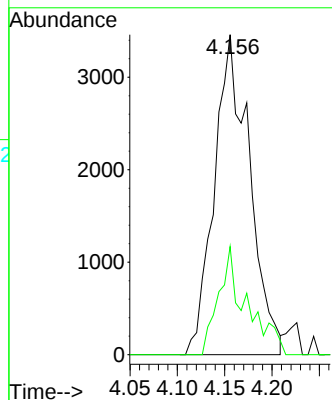
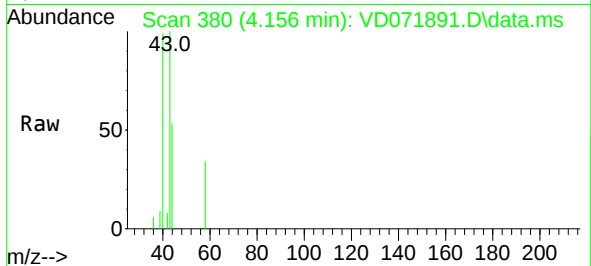




#16
Acetone
Concen: 5.953 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

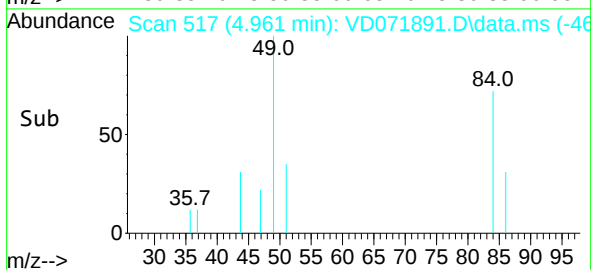
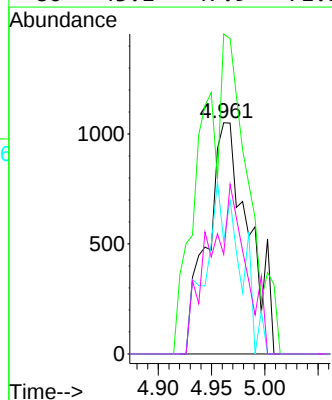
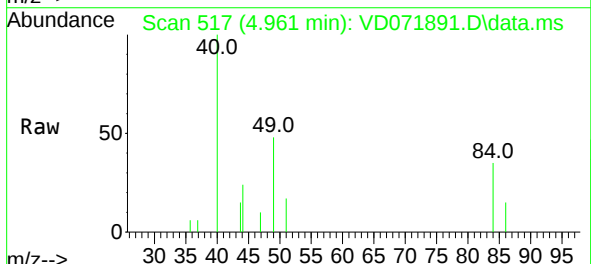
Instrument :
MSVOA_D
ClientSampleId :

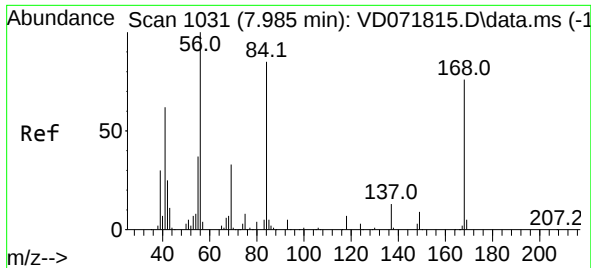
Tgt Ion: 43 Resp: 8951
Ion Ratio Lower Upper
43 100
58 33.8 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

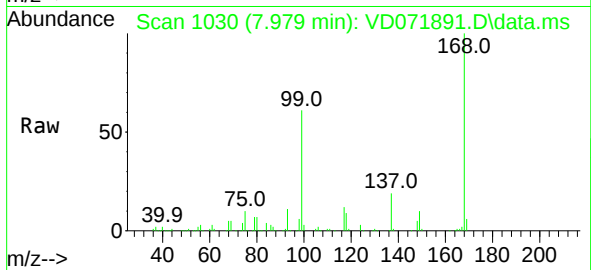
Tgt Ion: 84 Resp: 2813
Ion Ratio Lower Upper
84 100
49 138.4 112.8 169.2
51 48.8 32.6 48.8
86 43.1 47.9 71.9#



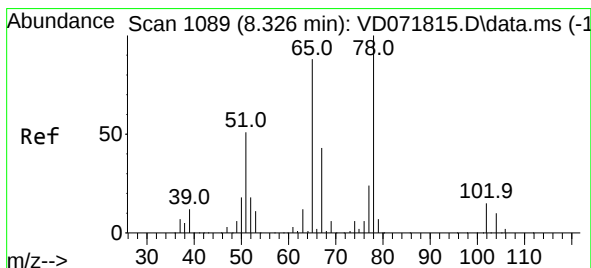
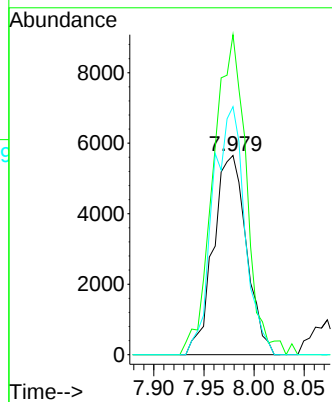
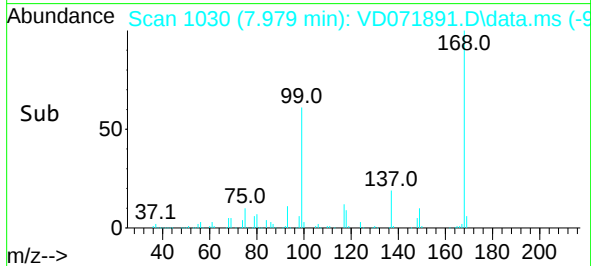


#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

Instrument :
MSVOA_D
ClientSampleId :

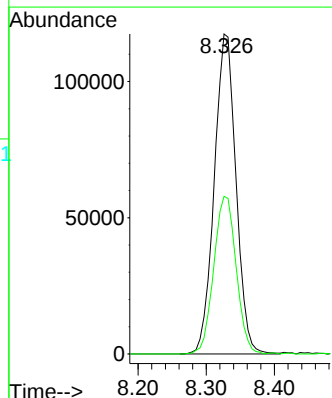
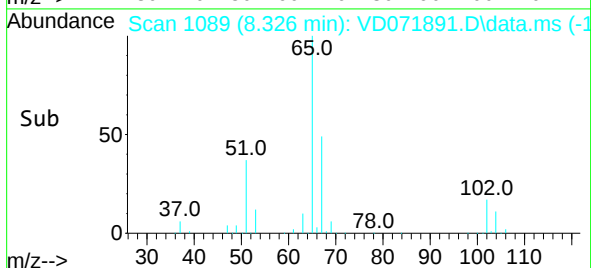
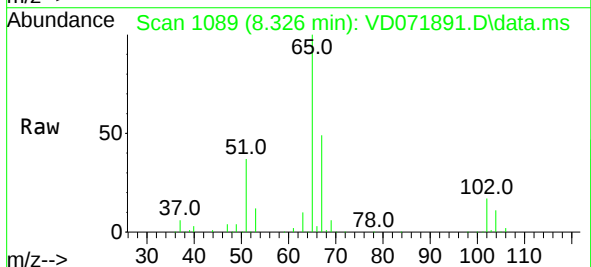


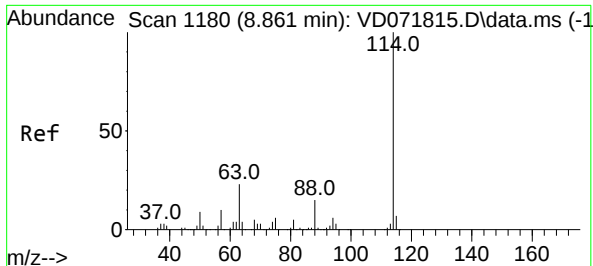
Tgt Ion: 56 Resp: 12962
Ion Ratio Lower Upper
56 100
69 160.6 25.4 38.2#
84 124.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 47.460 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

Tgt Ion: 65 Resp: 260686
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071891.D

Acq: 03 Feb 2022 14:20

Instrument :

MSVOA_D

ClientSampleId :

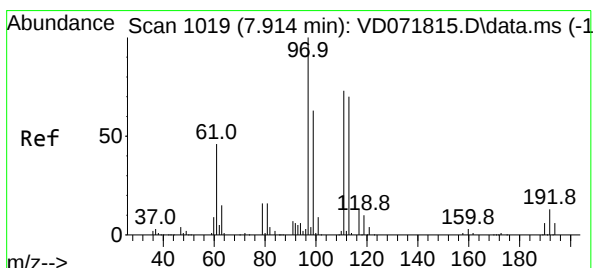
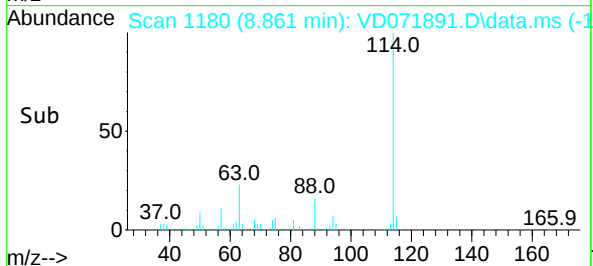
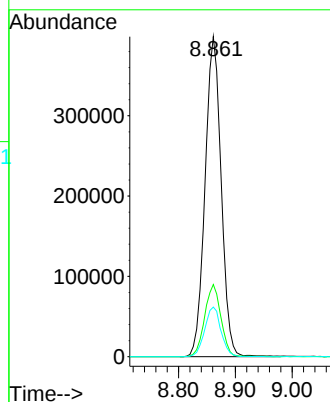
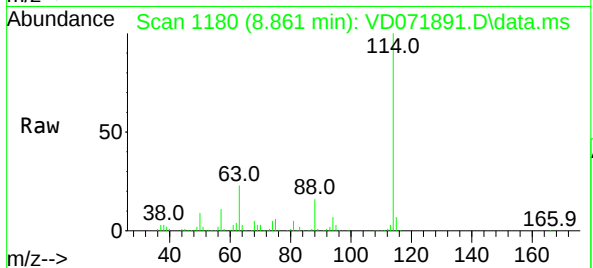
Tgt Ion:114 Resp: 783045

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.203 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071891.D

Acq: 03 Feb 2022 14:20

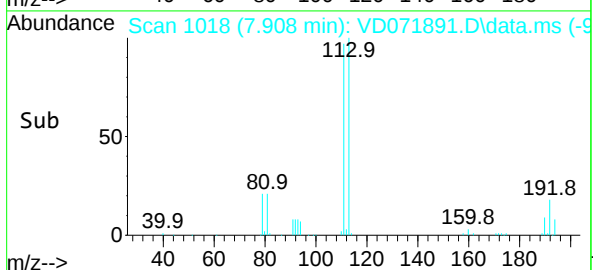
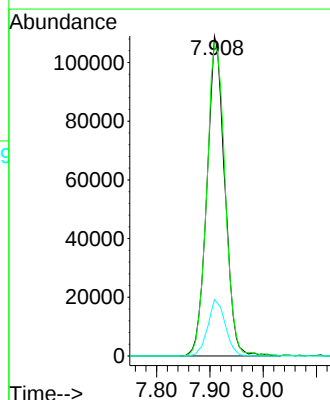
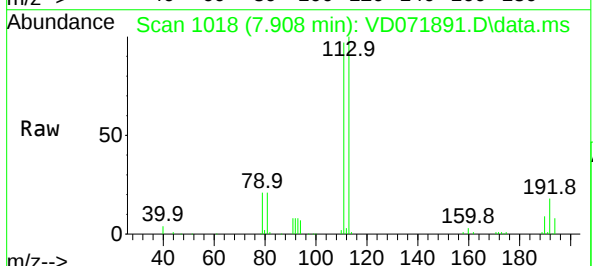
Tgt Ion:113 Resp: 253258

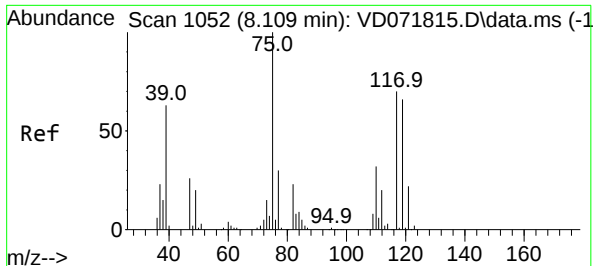
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 17.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.649 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

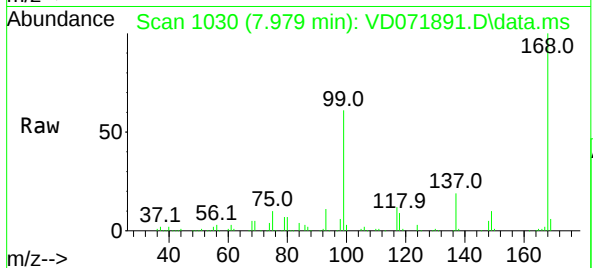
Lab File: VD071891.D

Acq: 03 Feb 2022 14:20

Instrument :

MSVOA_D

ClientSampleId :



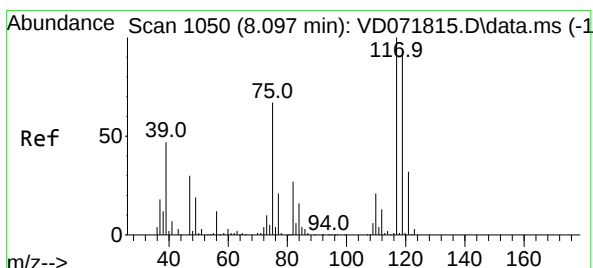
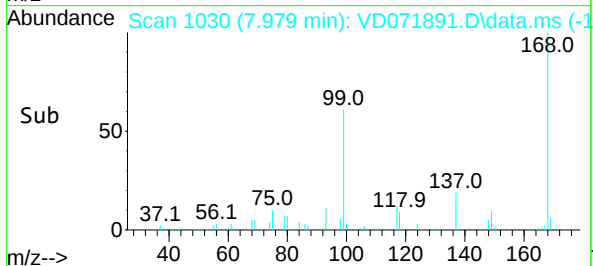
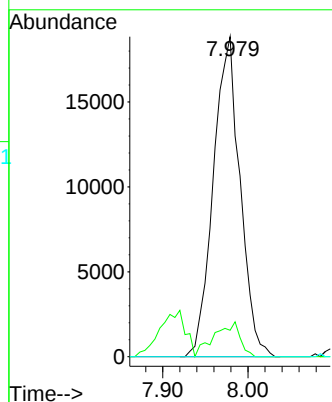
Tgt Ion: 75 Resp: 41068

Ion Ratio Lower Upper

75 100

110 10.5 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.495 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071891.D

Acq: 03 Feb 2022 14:20

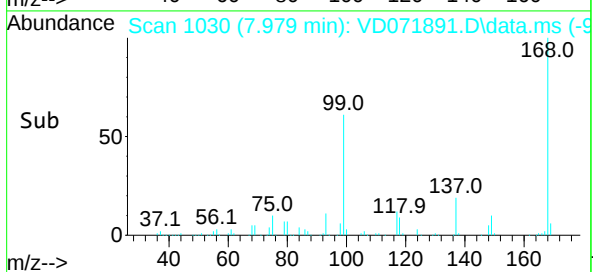
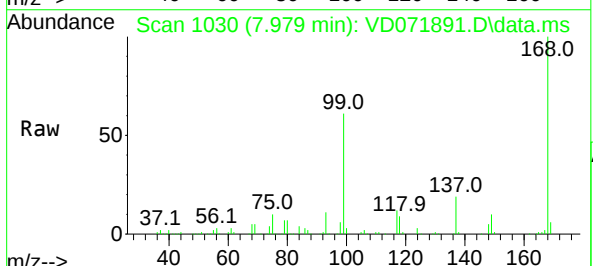
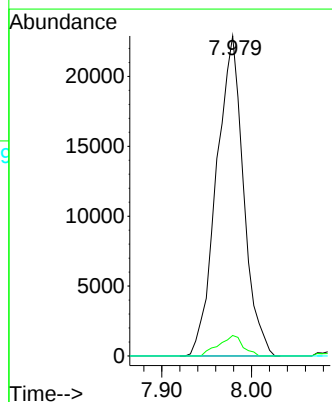
Tgt Ion: 117 Resp: 48005

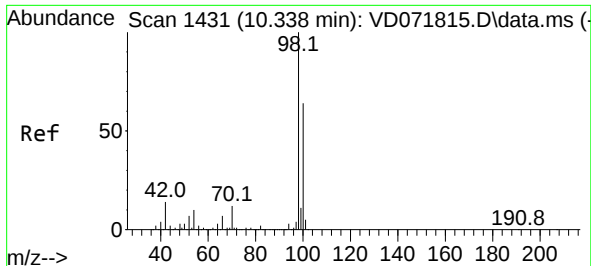
Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

121 0.0 24.5 36.7#

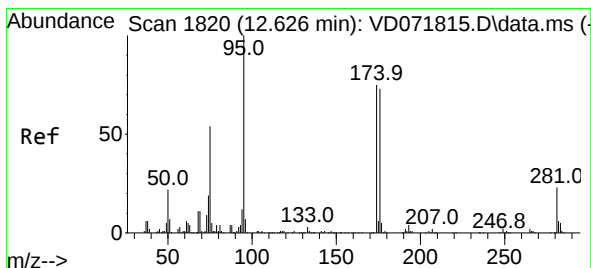
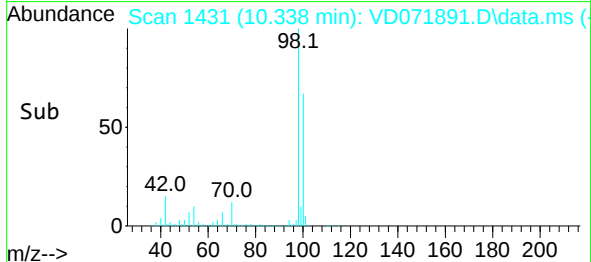
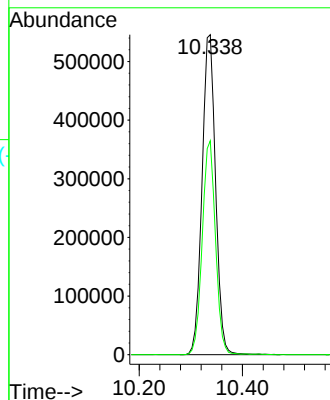
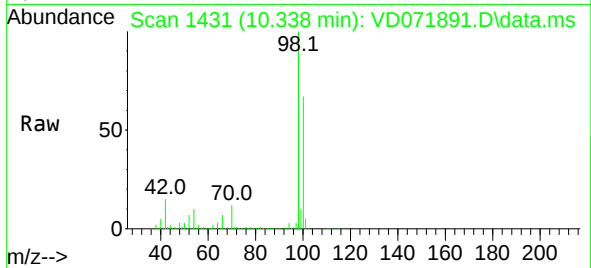




#50
Toluene-d8
Concen: 51.525 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

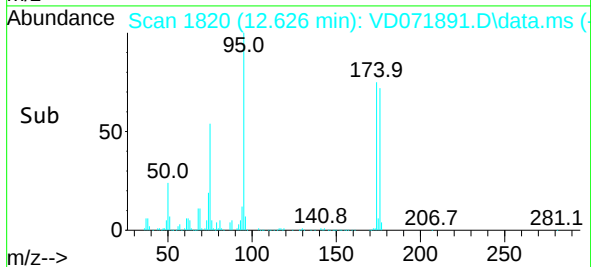
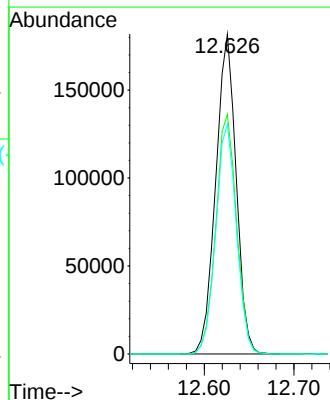
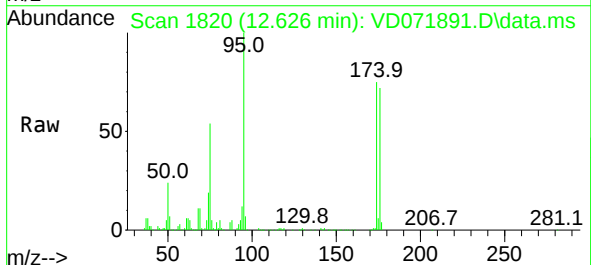
Instrument :
MSVOA_D
ClientSampleId :

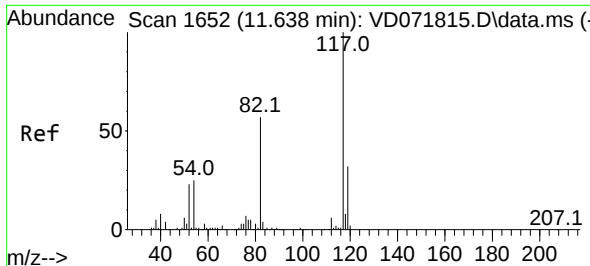
Tgt Ion: 98 Resp: 990469
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.724 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

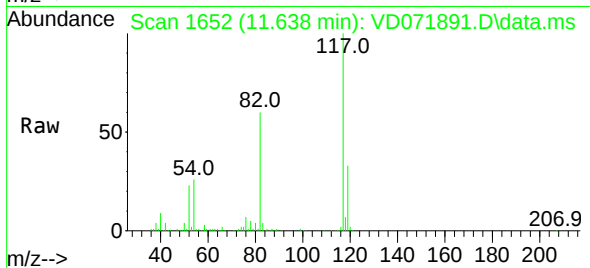
Tgt Ion: 95 Resp: 286801
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 72.4 0.0 145.4



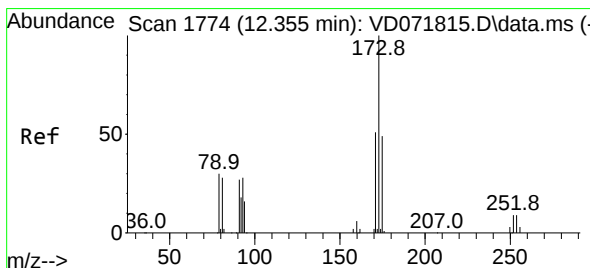
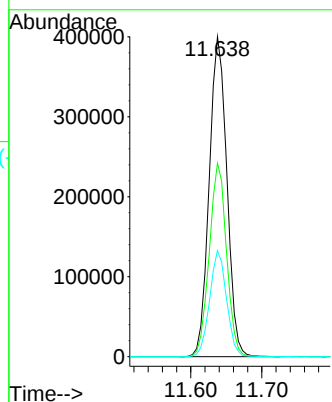
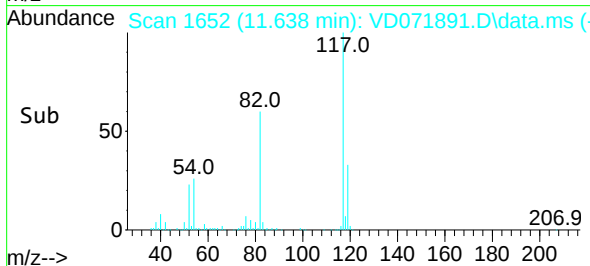


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

Instrument :
MSVOA_D
ClientSampleId :

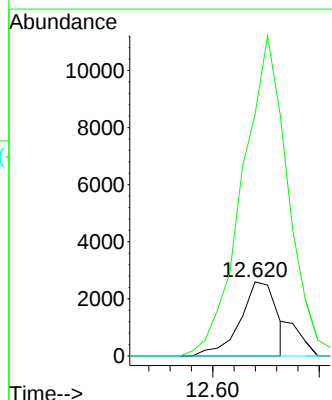
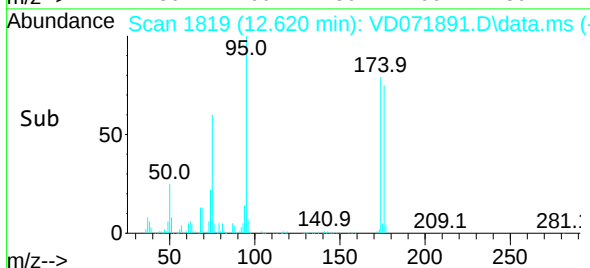
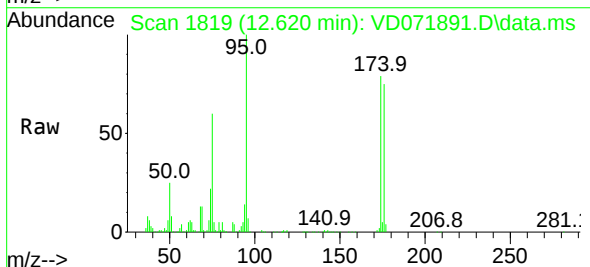


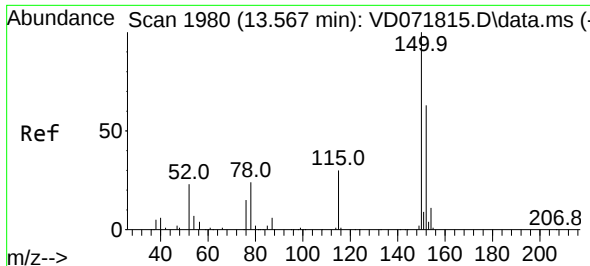
Tgt Ion:117 Resp: 690656
Ion Ratio Lower Upper
117 100
82 60.5 45.3 67.9
119 33.1 26.6 40.0



#71
Bromoform
Concen: 1.085 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

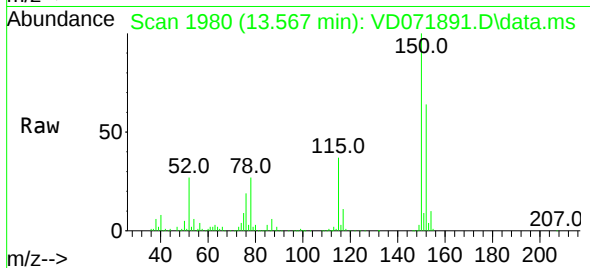
Tgt Ion:173 Resp: 3078
Ion Ratio Lower Upper
173 100
175 459.0 23.9 71.8#
254 0.0 0.0 0.0



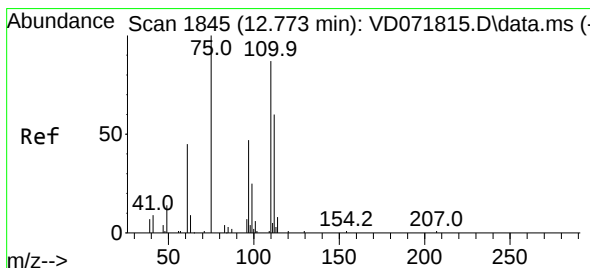
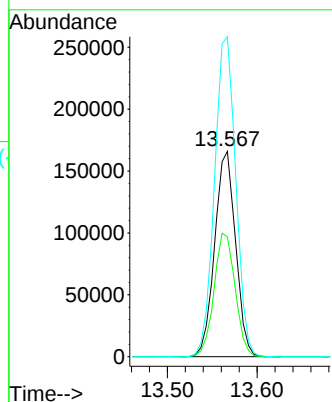
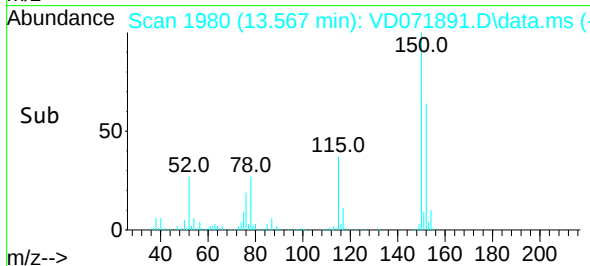


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071891.D
 Acq: 03 Feb 2022 14:20

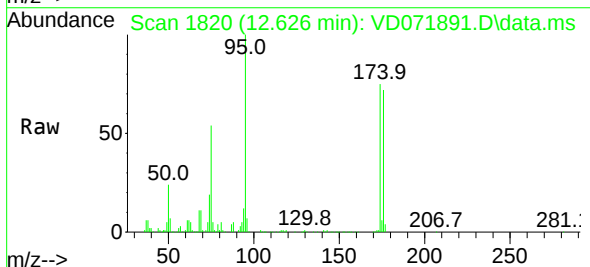
Instrument :
 MSVOA_D
 ClientSampleId :



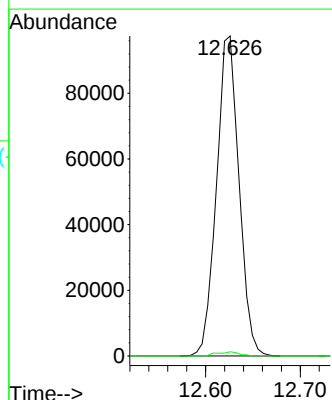
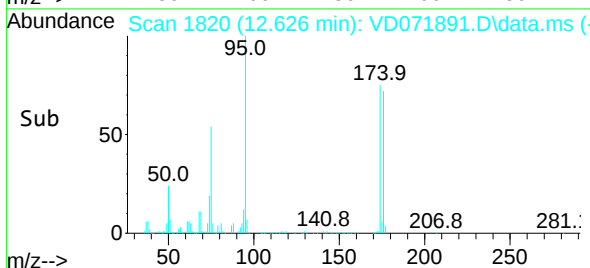
Tgt Ion:152 Resp: 268583
 Ion Ratio Lower Upper
 152 100
 115 60.6 31.3 93.8
 150 158.4 0.0 348.6

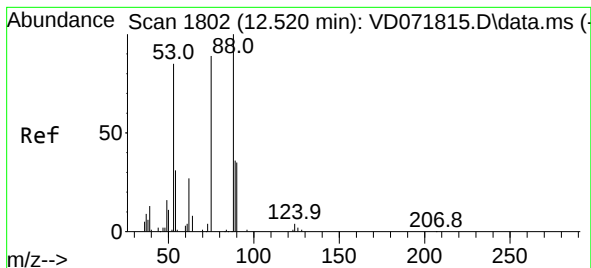


#76
 1,2,3-Trichloropropane
 Concen: 56.878 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071891.D
 Acq: 03 Feb 2022 14:20



Tgt Ion: 75 Resp: 160995
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

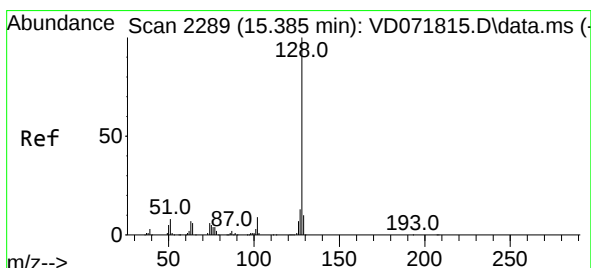
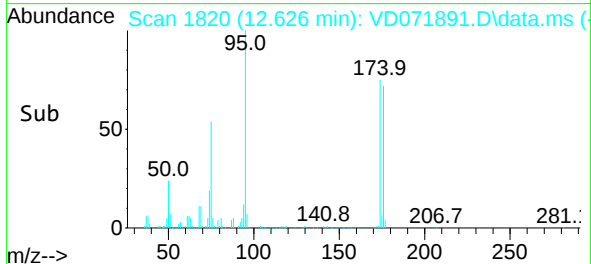
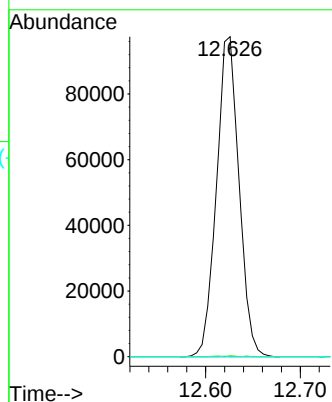
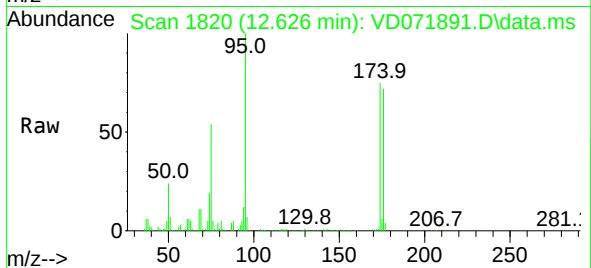




#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.850 ug/l
 RT: 12.626 min Scan# 1802
 Delta R.T. 0.106 min
 Lab File: VD071891.D
 Acq: 03 Feb 2022 14:20

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 160995
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.0 33.9 50.9#



#95
 Naphthalene
 Concen: 1.748 ug/l
 RT: 15.379 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: VD071891.D
 Acq: 03 Feb 2022 14:20

Tgt Ion: 128 Resp: 2823
 Ion Ratio Lower Upper
 128 100
 127 9.4 10.3 15.5#
 129 0.0 8.4 12.6#

