

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071903.D
 Acq On : 04 Feb 2022 17:21
 Operator : VA/SY
 Sample : N1401-05
 Misc : 4.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124042

Quant Time: Feb 07 04:21:18 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)

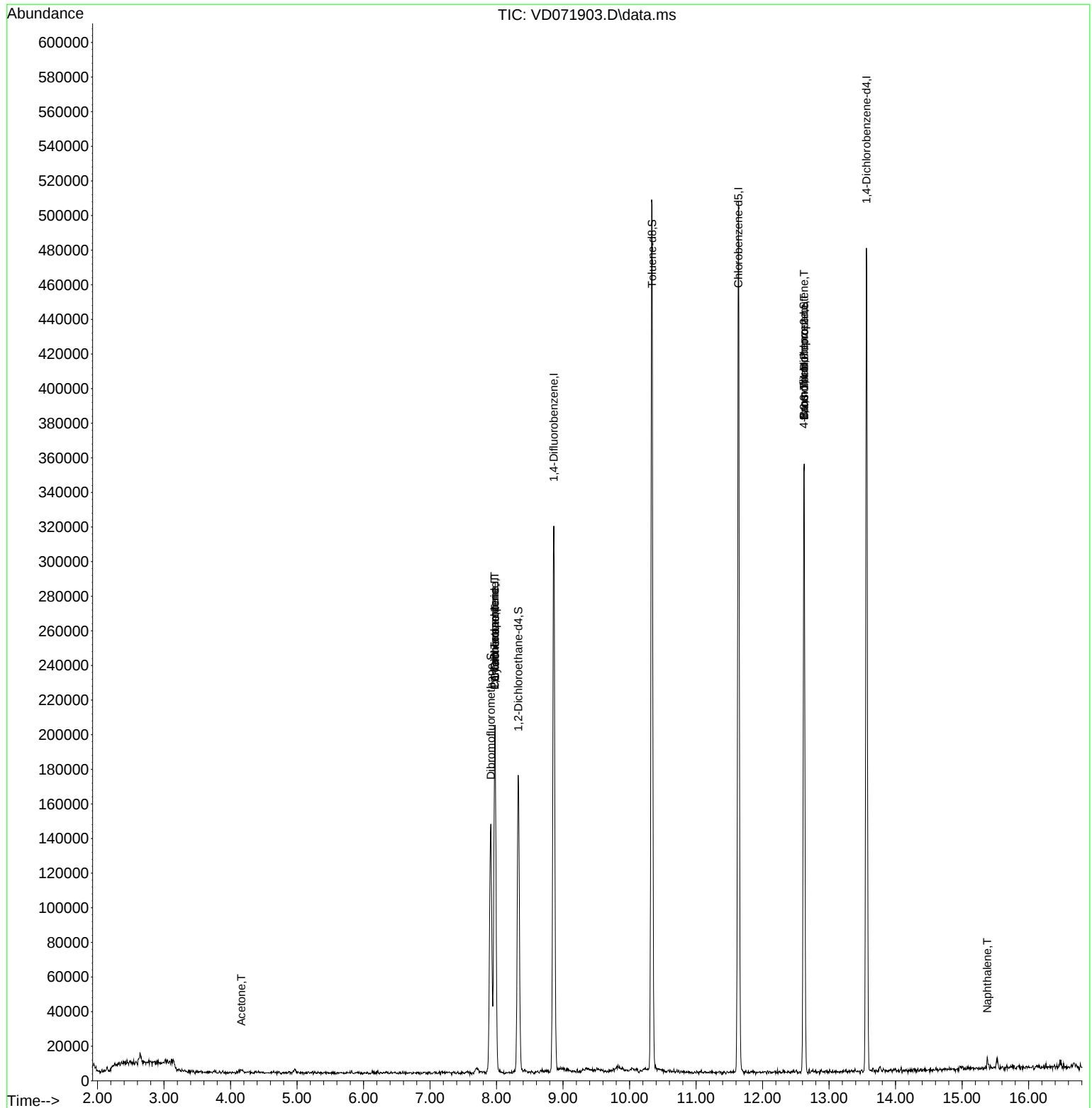
Internal Standards						
1) Pentafluorobenzene	7.973	168	141258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	256037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	272575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	122182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	137466	76.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 153.980%	
35) Dibromofluoromethane	7.914	113	101698	60.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.860%	
50) Toluene-d8	10.338	98	333428	53.047	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.100%	
62) 4-Bromofluorobenzene	12.620	95	114113	51.989	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	76	Below Cal	#	74
16) Acetone	4.162	43	3878	7.935	ug/l	95
20) Methylene Chloride	4.956	84	557	Below Cal	#	72
31) Cyclohexane	7.979	56	4067	1.193	ug/l	# 1
36) 1,1-Dichloropropene	7.973	75	14049	4.864	ug/l	# 51
38) Carbon Tetrachloride	7.973	117	14971	5.241	ug/l	# 18
71) Bromoform	12.626	173	1479	1.320	ug/l	# 1
76) 1,2,3-Trichloropropane	12.626	75	64391	50.007	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	64391	122.955	ug/l	# 7
95) Naphthalene	15.379	128	4743	2.539	ug/l	# 95

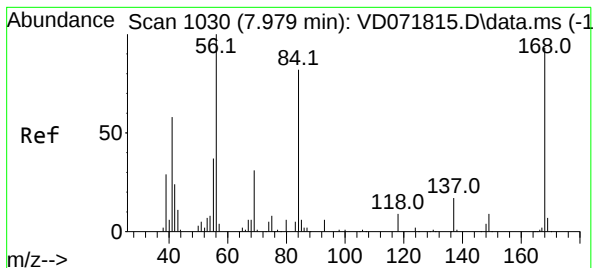
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
Data File : VD071903.D
Acq On : 04 Feb 2022 17:21
Operator : VA/SY
Sample : N1401-05
Misc : 4.82G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PSC-124042

Quant Time: Feb 07 04:21:18 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

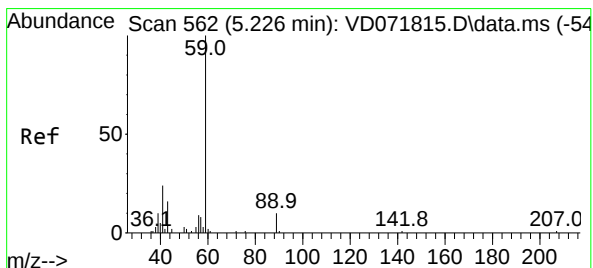
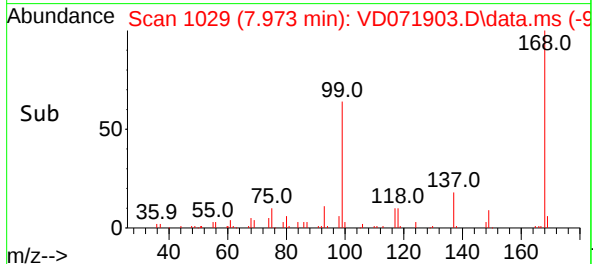
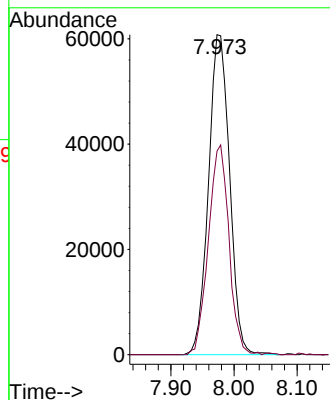
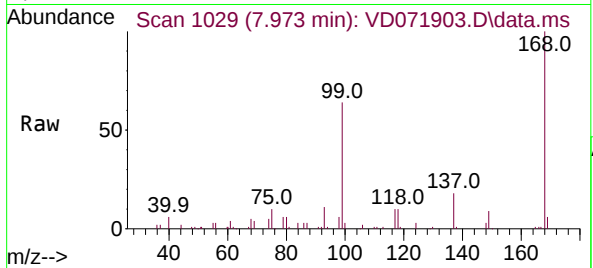




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

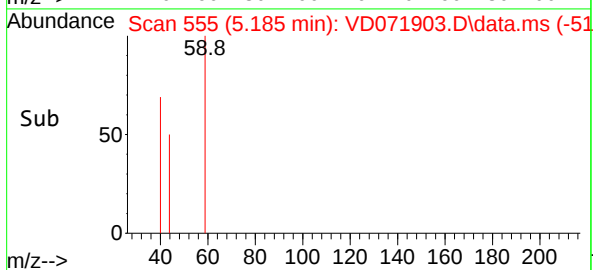
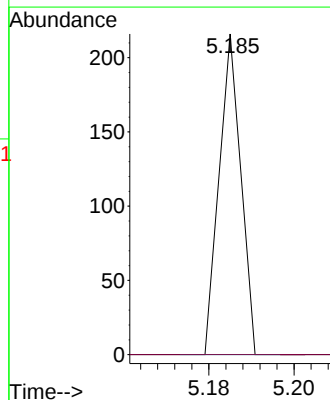
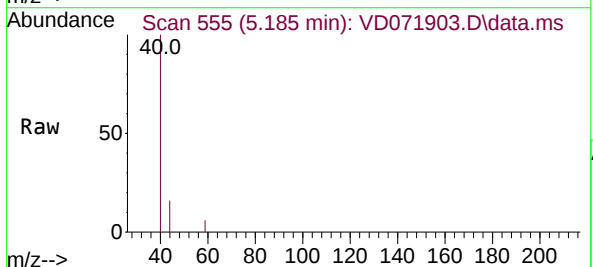
Instrument :
MSVOA_D
ClientSampleId :
PSC-124042

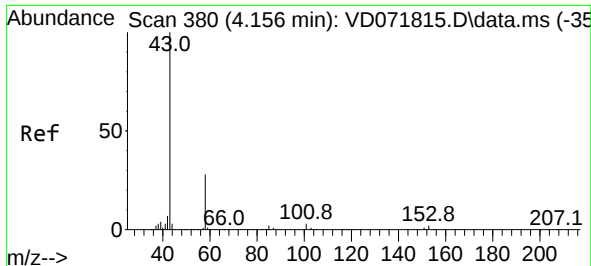
Tgt Ion:168 Resp: 141258
Ion Ratio Lower Upper
168 100
99 63.6 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

Tgt Ion: 59 Resp: 76
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

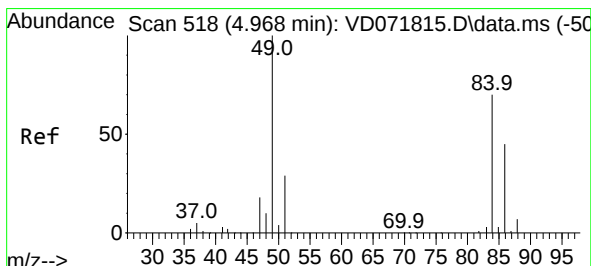
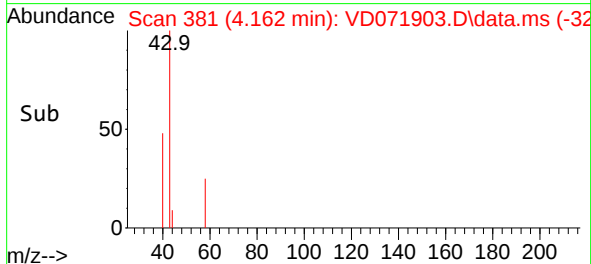
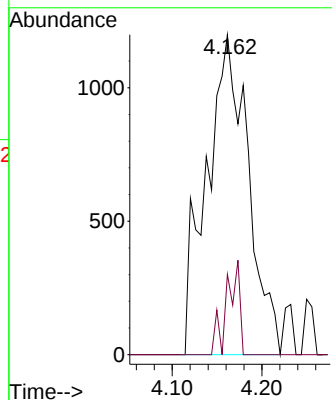
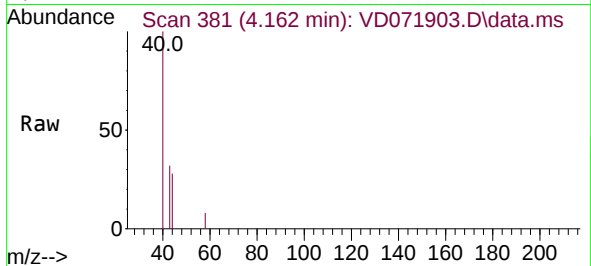




#16
Acetone
Concen: 7.935 ug/l
RT: 4.162 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

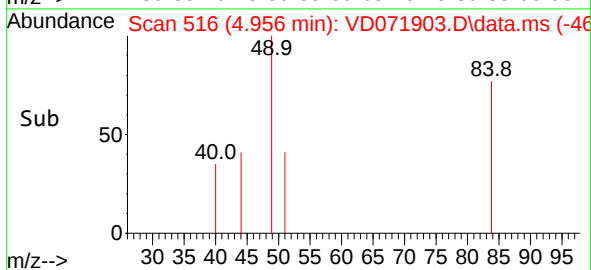
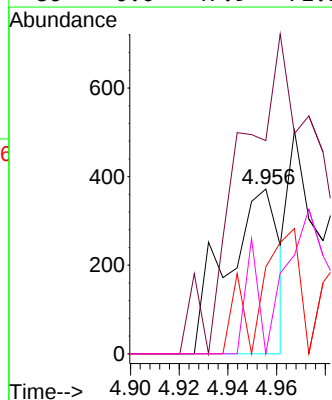
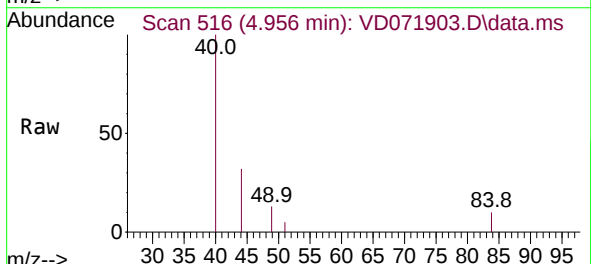
Instrument :
MSVOA_D
ClientSampleId :
PSC-124042

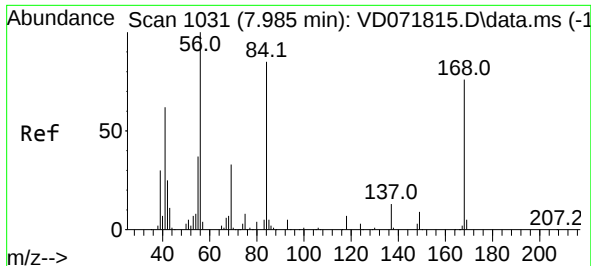
Tgt Ion: 43 Resp: 3878
Ion Ratio Lower Upper
43 100
58 25.1 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

Tgt Ion: 84 Resp: 557
Ion Ratio Lower Upper
84 100
49 129.3 112.8 169.2
51 52.7 32.6 48.8#
86 0.0 47.9 71.9#

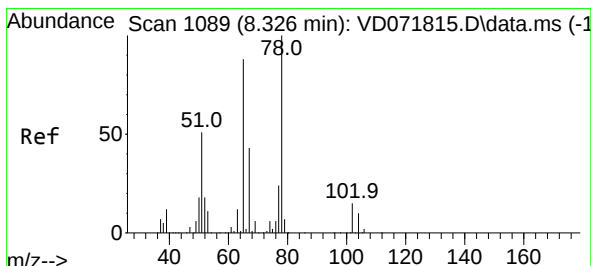
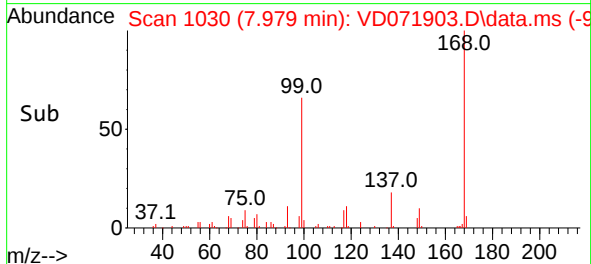
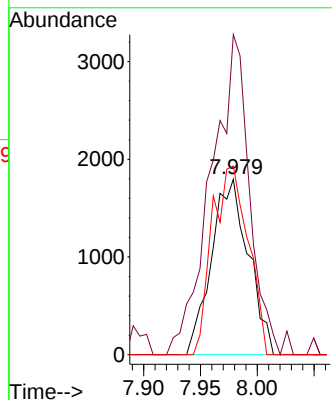
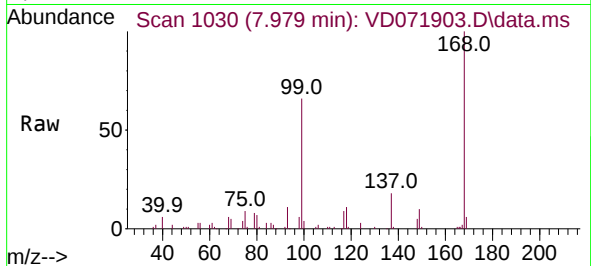




#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

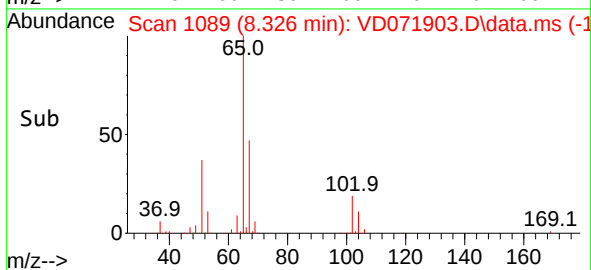
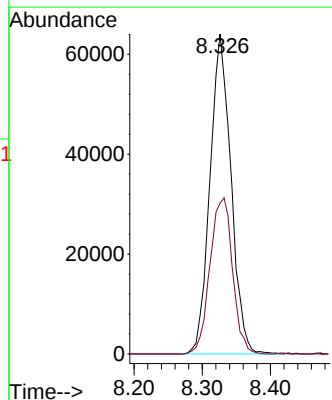
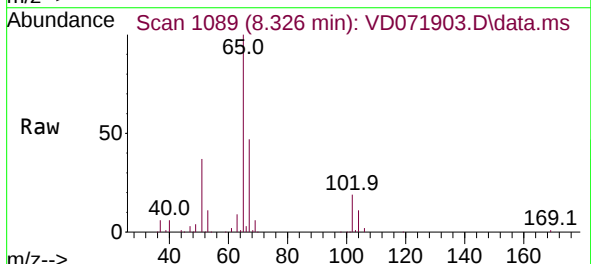
Instrument :
MSVOA_D
ClientSampleId :
PSC-124042

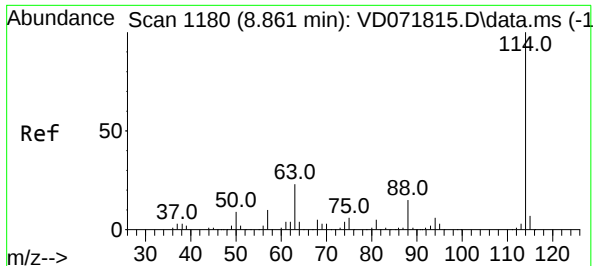
Tgt Ion: 56 Resp: 4067
Ion Ratio Lower Upper
56 100
69 182.5 25.4 38.2#
84 107.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 76.993 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

Tgt Ion: 65 Resp: 137466
Ion Ratio Lower Upper
65 100
67 52.4 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: VD071903.D

Acq: 04 Feb 2022 17:21

Instrument :

MSVOA_D

ClientSampleId :

PSC-124042

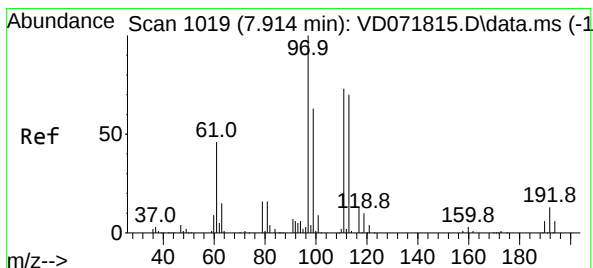
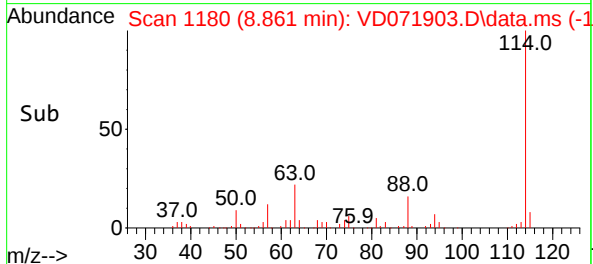
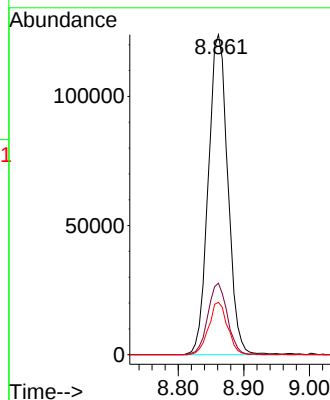
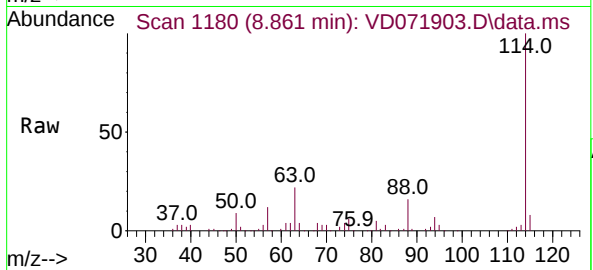
Tgt Ion:114 Resp: 256037

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 16.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 60.426 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071903.D

Acq: 04 Feb 2022 17:21

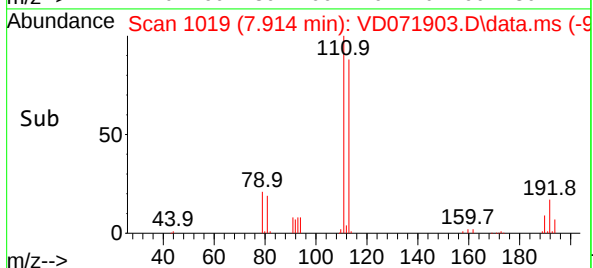
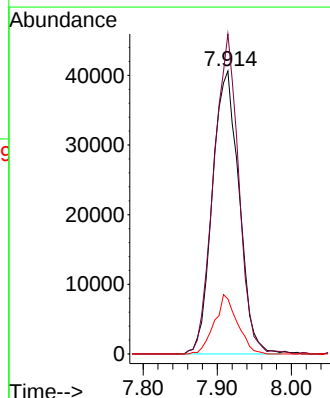
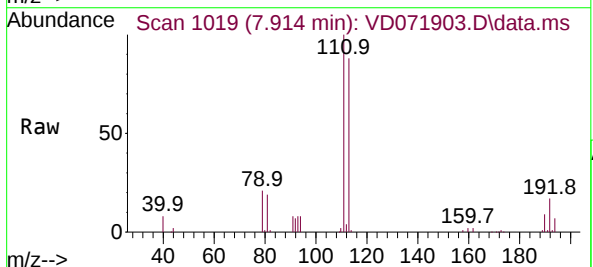
Tgt Ion:113 Resp: 101698

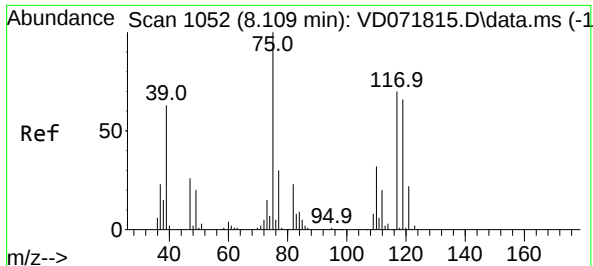
Ion Ratio Lower Upper

113 100

111 106.0 83.8 125.6

192 18.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.864 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071903.D

Acq: 04 Feb 2022 17:21

Instrument :

MSVOA_D

ClientSampleId :

PSC-124042

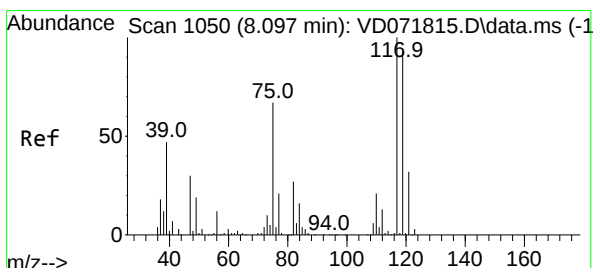
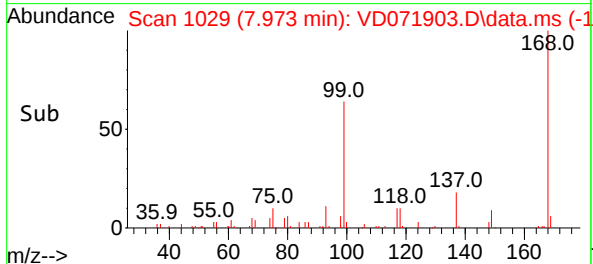
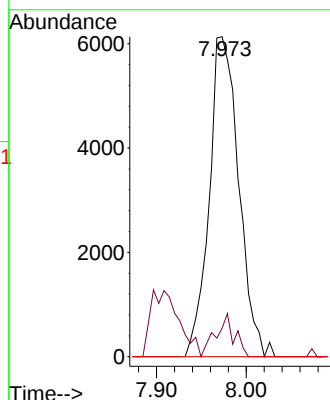
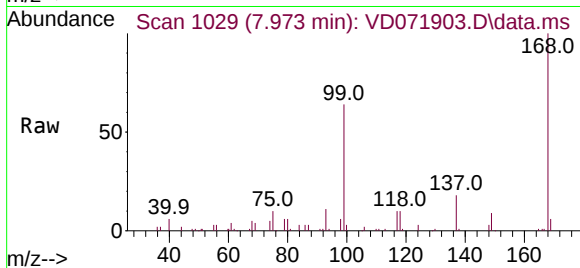
Tgt Ion: 75 Resp: 14049

Ion Ratio Lower Upper

75 100

110 8.4 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.241 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD071903.D

Acq: 04 Feb 2022 17:21

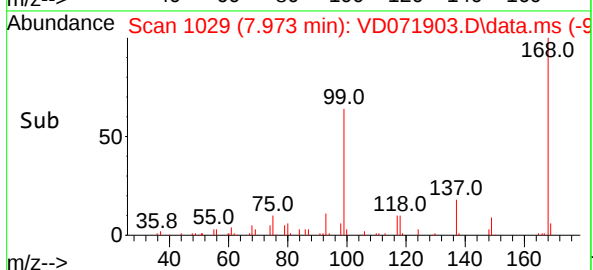
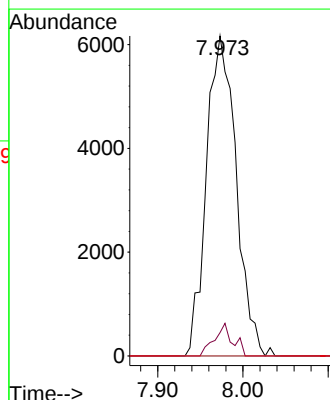
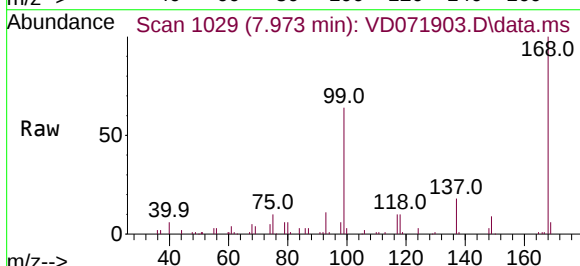
Tgt Ion: 117 Resp: 14971

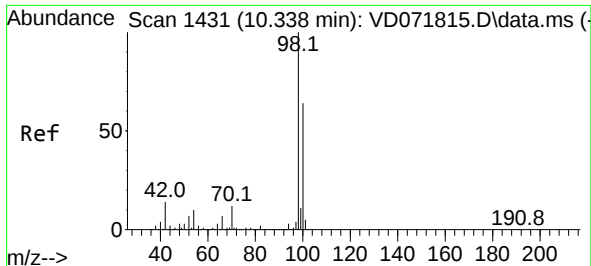
Ion Ratio Lower Upper

117 100

119 7.3 75.8 113.6#

121 0.0 24.5 36.7#

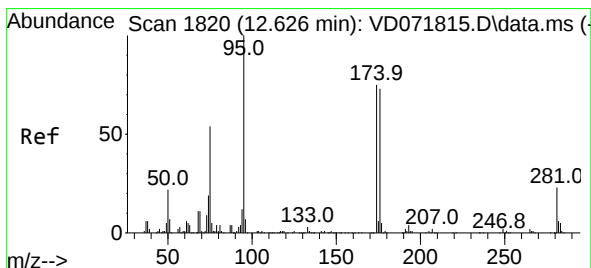
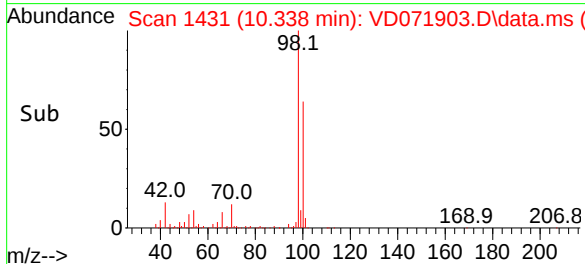
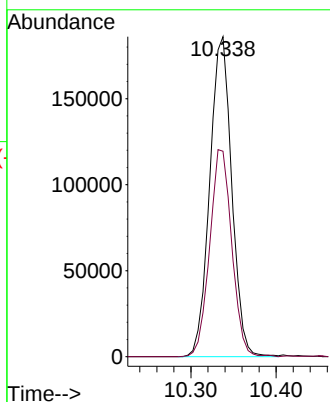
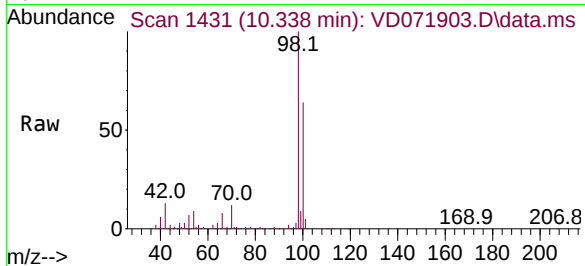




#50
Toluene-d8
Concen: 53.047 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

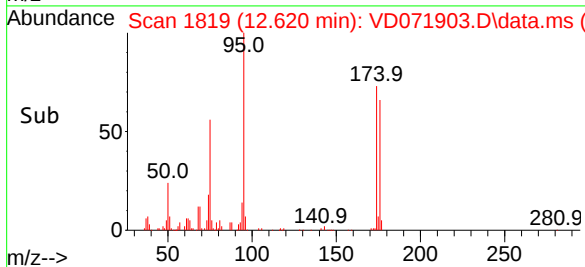
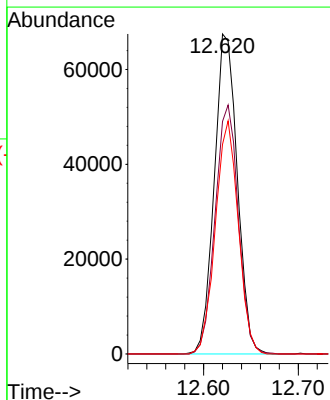
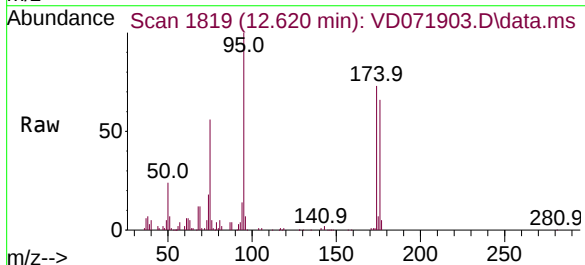
Instrument :
MSVOA_D
ClientSampleId :
PSC-124042

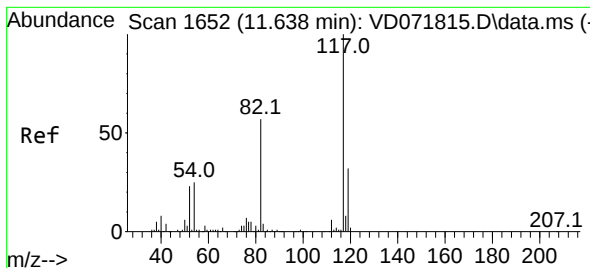
Tgt Ion: 98 Resp: 333428
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.989 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

Tgt Ion: 95 Resp: 114113
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 72.4 0.0 145.4

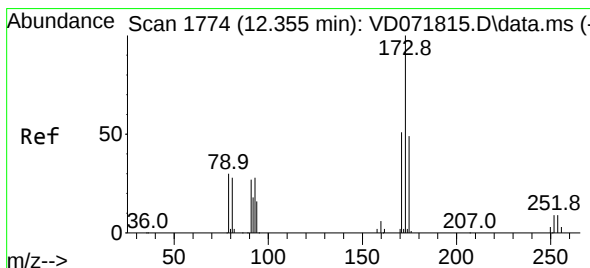
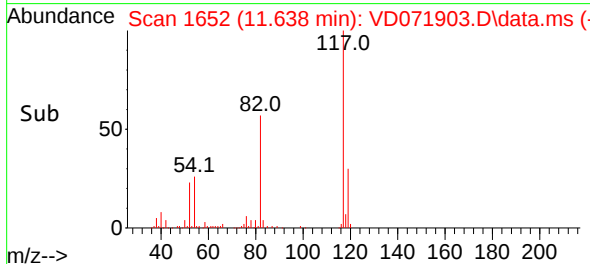
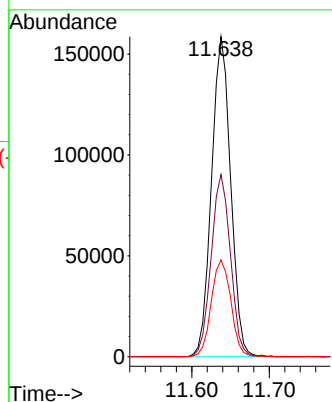
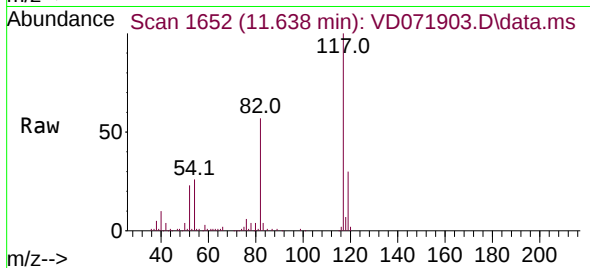




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

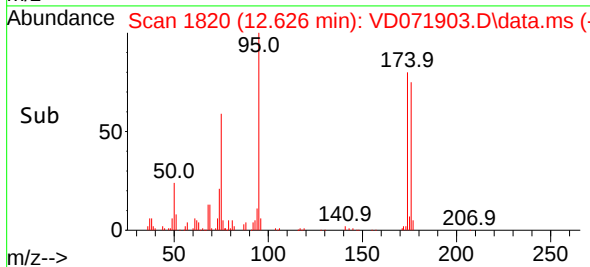
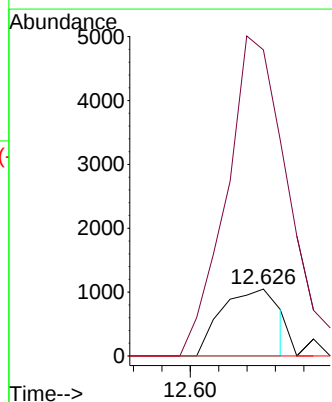
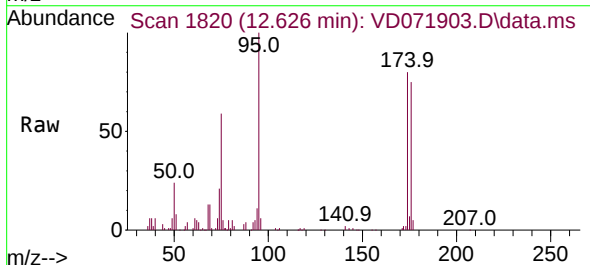
Instrument :
MSVOA_D
ClientSampleId :
PSC-124042

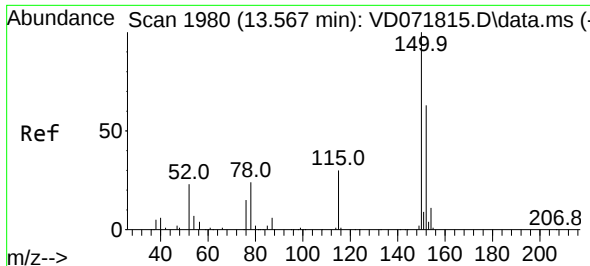
Tgt Ion:117 Resp: 272575
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 30.2 26.6 40.0



#71
Bromoform
Concen: 1.320 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.270 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

Tgt Ion:173 Resp: 1479
Ion Ratio Lower Upper
173 100
175 432.3 23.9 71.8#
254 0.0 0.0 0.0

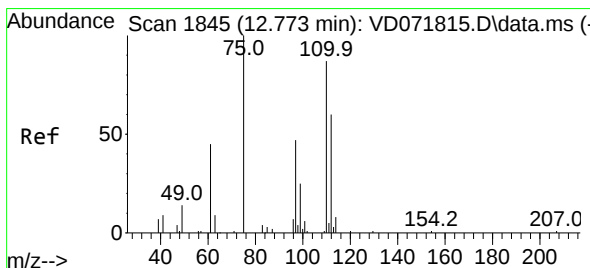
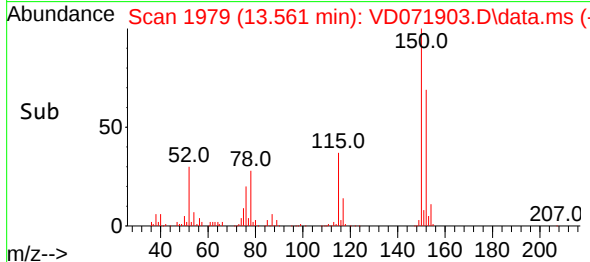
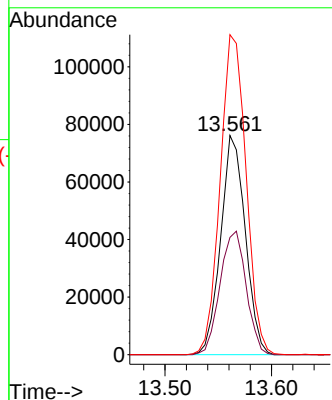
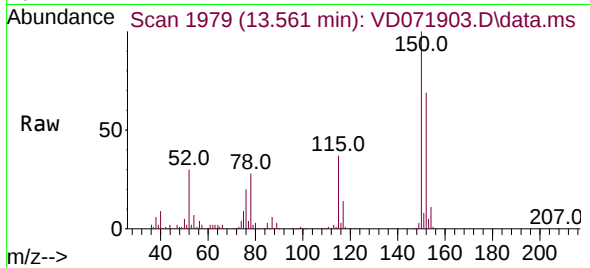




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD071903.D
 Acq: 04 Feb 2022 17:21

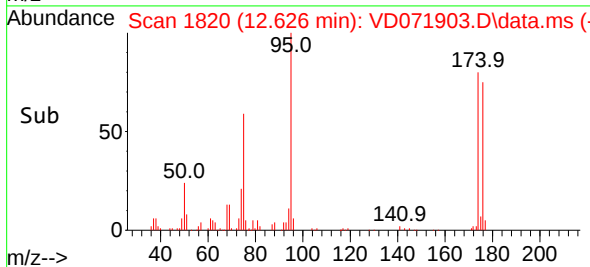
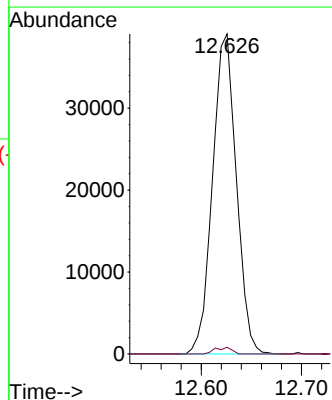
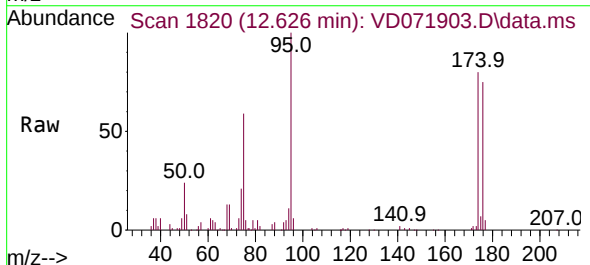
Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124042

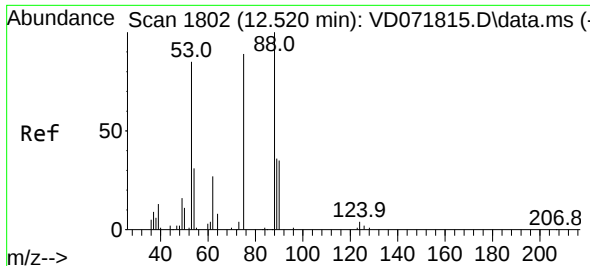
Tgt Ion:152 Resp: 122182
 Ion Ratio Lower Upper
 152 100
 115 59.7 31.3 93.8
 150 153.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 50.007 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071903.D
 Acq: 04 Feb 2022 17:21

Tgt Ion: 75 Resp: 64391
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

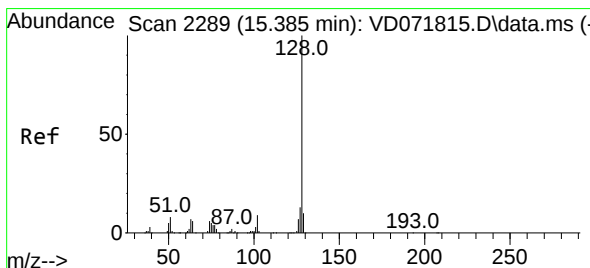
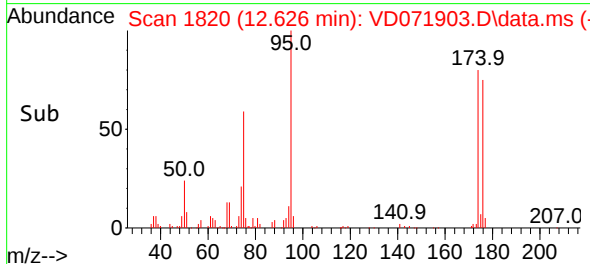
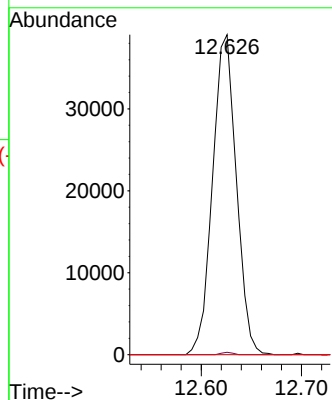
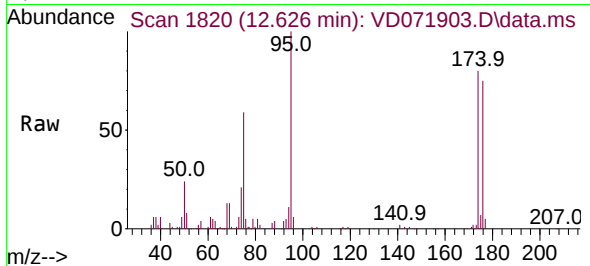




#81
trans-1,4-Dichloro-2-butene
Concen: 122.955 ug/l
RT: 12.626 min Scan# 1802
Delta R.T. 0.106 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

Instrument :
MSVOA_D
ClientSampleId :
PSC-124042

Tgt Ion: 75 Resp: 64391
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 2.539 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

Tgt Ion:128 Resp: 4743
Ion Ratio Lower Upper
128 100
127 10.9 10.3 15.5
129 8.3 8.4 12.6#

