

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071717.D
 Acq On : 13 Jan 2022 18:40
 Operator : VA/SY
 Sample : N1136-01
 Misc : 5.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6S

Quant Time: Jan 14 04:07:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

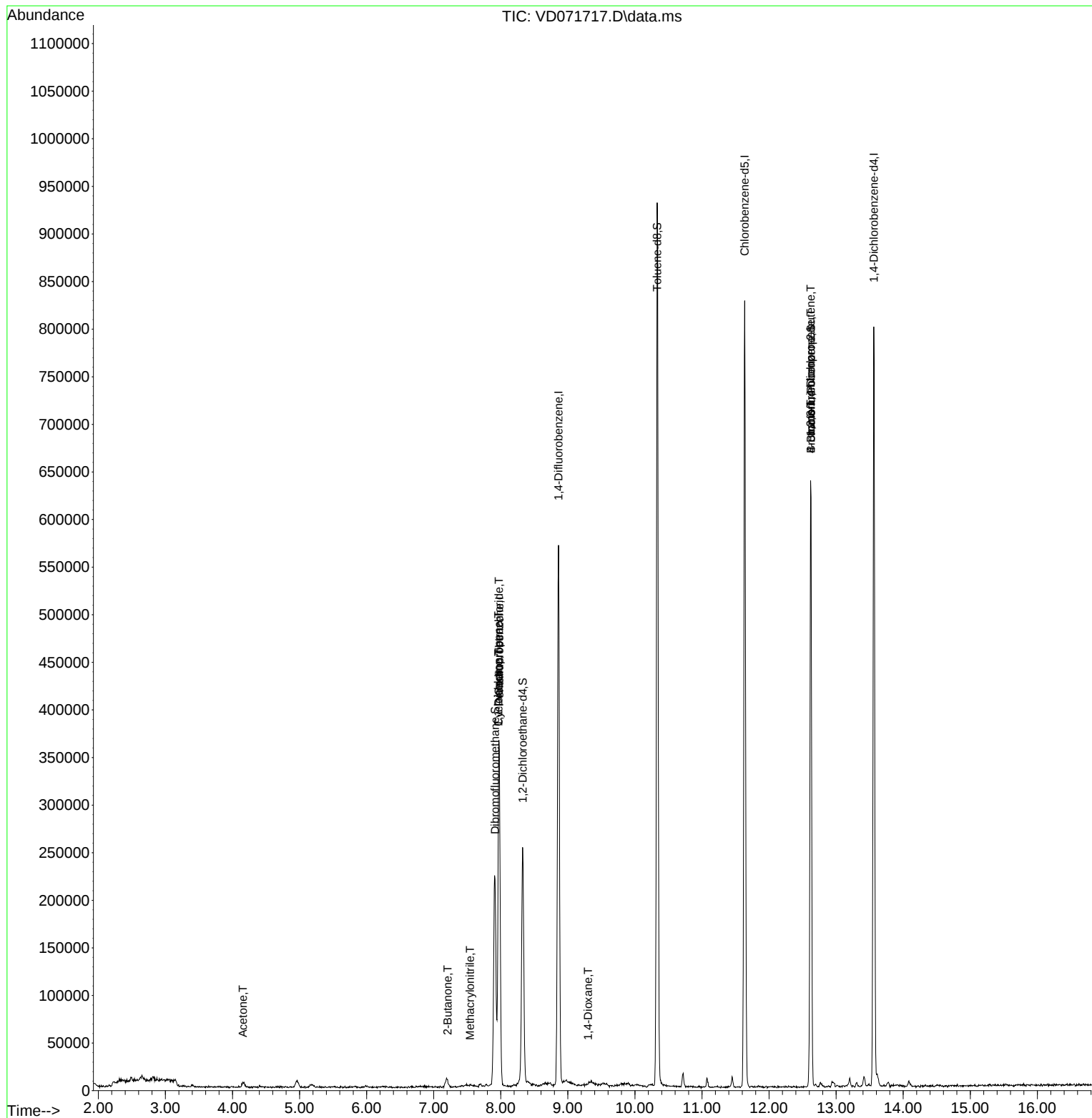
Internal Standards						
1) Pentafluorobenzene	7.979	168	248582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	447228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	438413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	189783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198614	62.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.200%	
35) Dibromofluoromethane	7.914	113	159689	54.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.060%	
50) Toluene-d8	10.332	98	584082	52.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.580%	
62) 4-Bromofluorobenzene	12.626	95	188106	48.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.950	85	62	Below Cal	#	43
3) Chloromethane	2.220	50	198	Below Cal	#	43
5) Bromomethane	2.762	94	632	Below Cal	#	4
11) Tert butyl alcohol	5.214	59	516	Below Cal	#	75
16) Acetone	4.156	43	9409	12.741	ug/l	91
18) Methyl Acetate	4.720	43	318	Below Cal	#	56
20) Methylene Chloride	4.967	84	4491	Below Cal	#	68
25) 2-Butanone	7.208	43	2420	2.774	ug/l	# 70
31) Cyclohexane	7.967	56	7927	2.100	ug/l	# 33
36) 1,1-Dichloropropene	7.967	75	23826	5.651	ug/l	# 53
38) Carbon Tetrachloride	7.973	117	27899	6.534	ug/l	# 20
41) Methacrylonitrile	7.544	41	185	1.280	ug/l	# 46
49) 1,4-Dioxane	9.302	88	61	3.785	ug/l	# 1
71) Bromoform	12.626	173	2414	1.554	ug/l	# 1
76) 1,2,3-Trichloropropane	12.620	75	110669	60.349	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	110669	168.245	ug/l	# 3

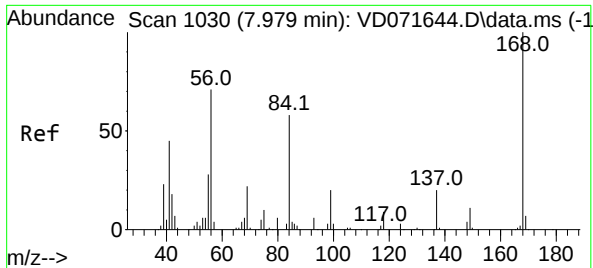
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
Data File : VD071717.D
Acq On : 13 Jan 2022 18:40
Operator : VA/SY
Sample : N1136-01
Misc : 5.83G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-6S

Quant Time: Jan 14 04:07:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration

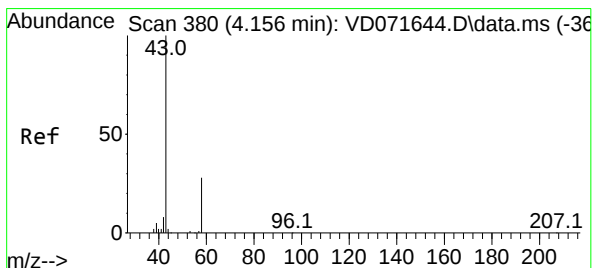
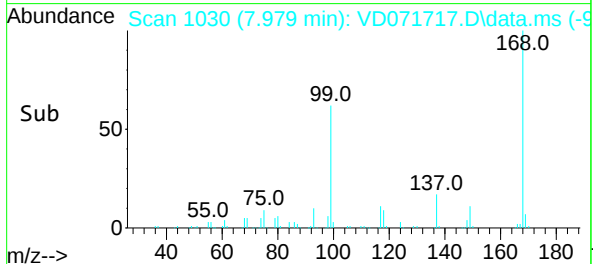
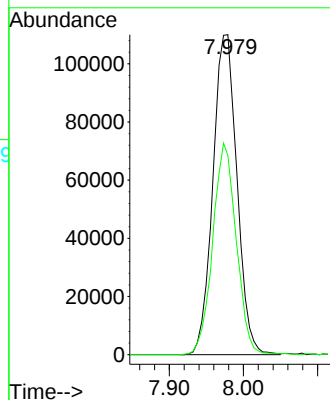
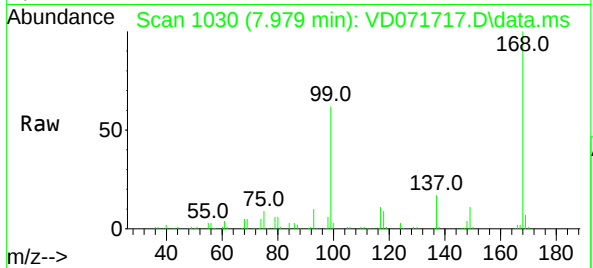




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

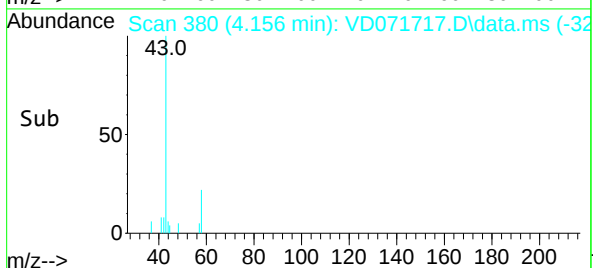
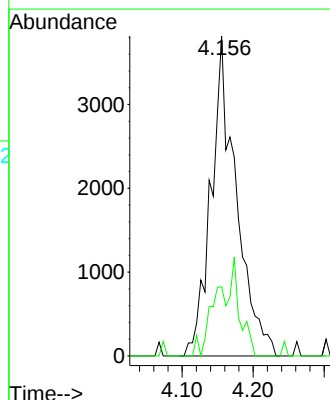
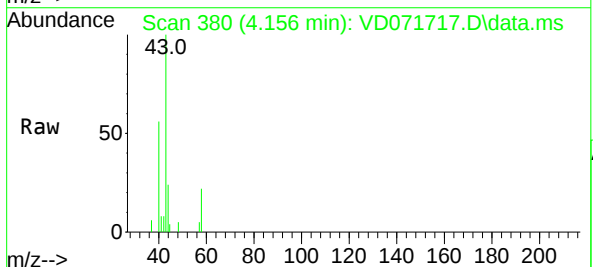
Instrument :
MSVOA_D
ClientSampleId :
TP-6S

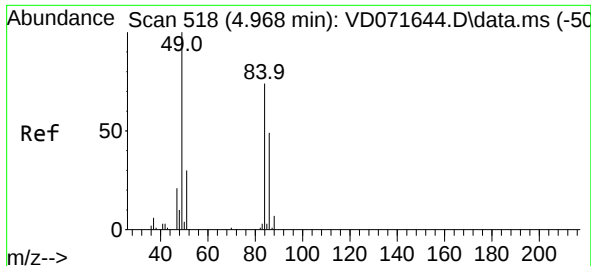
Tgt Ion:168 Resp: 248582
Ion Ratio Lower Upper
168 100
99 62.2 51.8 77.6



#16
Acetone
Concen: 12.741 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

Tgt Ion: 43 Resp: 9409
Ion Ratio Lower Upper
43 100
58 21.6 21.0 31.6

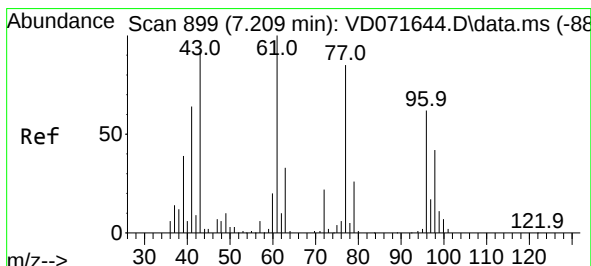
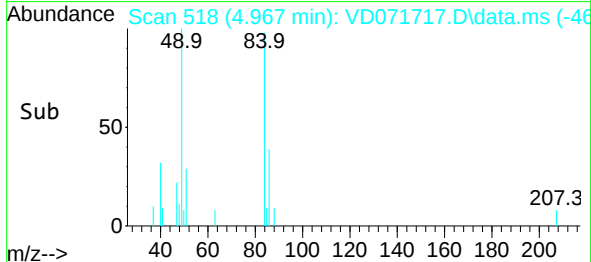
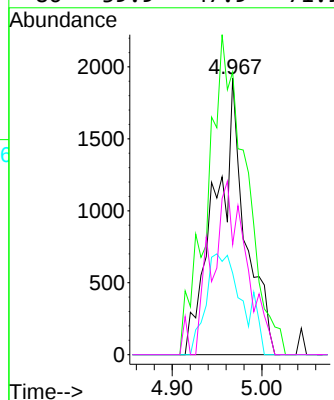
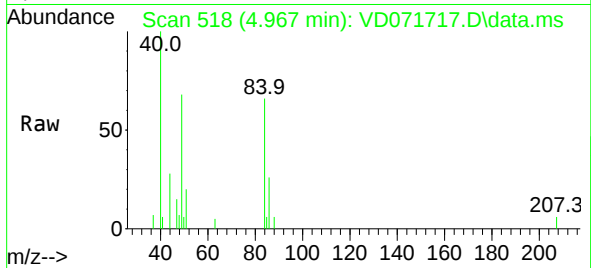




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

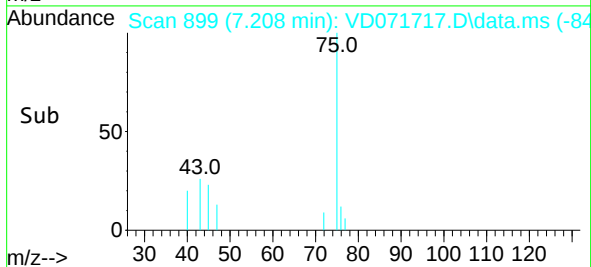
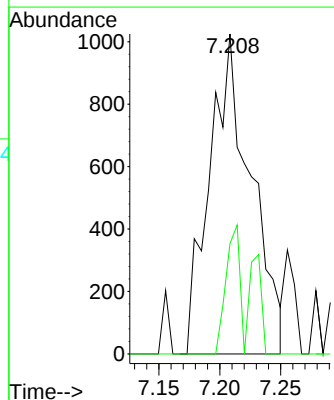
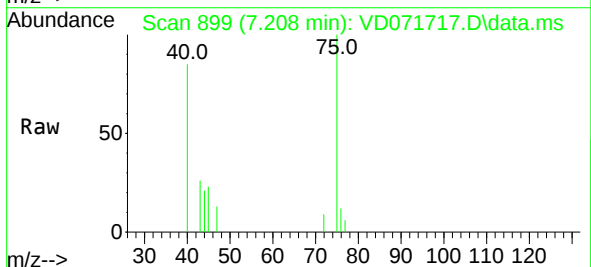
Instrument :
MSVOA_D
ClientSampleId :
TP-6S

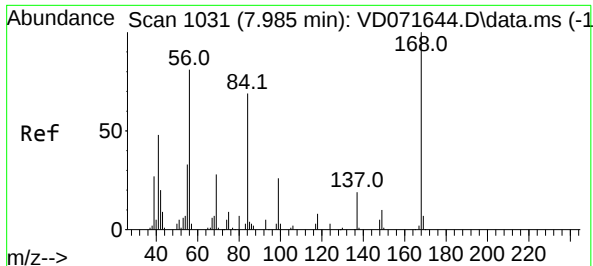
Tgt Ion: 84 Resp: 4491
Ion Ratio Lower Upper
84 100
49 102.3 118.6 178.0#
51 29.5 37.8 56.6#
86 39.9 47.9 71.9#



#25
2-Butanone
Concen: 2.774 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

Tgt Ion: 43 Resp: 2420
Ion Ratio Lower Upper
43 100
72 34.4 16.4 24.6#





#31

Cyclohexane

Concen: 2.100 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.023 min

Lab File: VD071717.D

Acq: 13 Jan 2022 18:40

Instrument :

MSVOA_D

ClientSampleId :

TP-6S

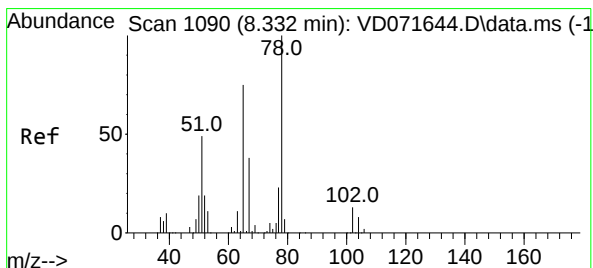
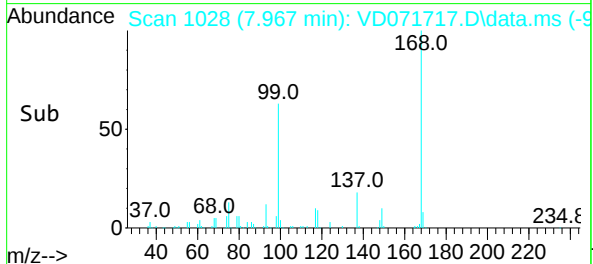
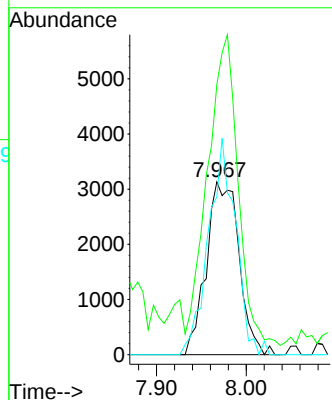
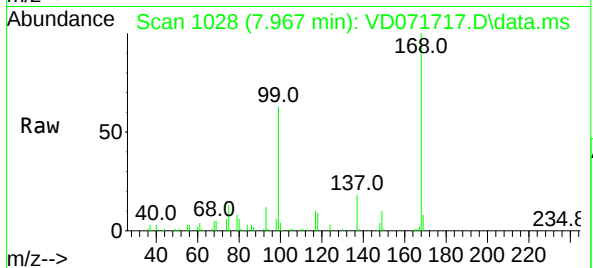
Tgt Ion: 56 Resp: 7927

Ion Ratio Lower Upper

56 100

69 151.0 21.7 32.5#

84 91.3 65.7 98.5



#33

1,2-Dichloroethane-d4

Concen: 62.095 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071717.D

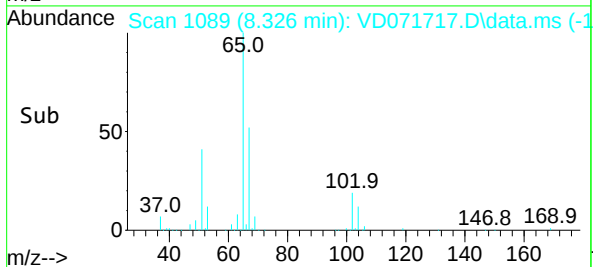
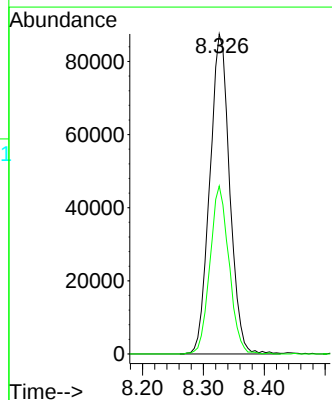
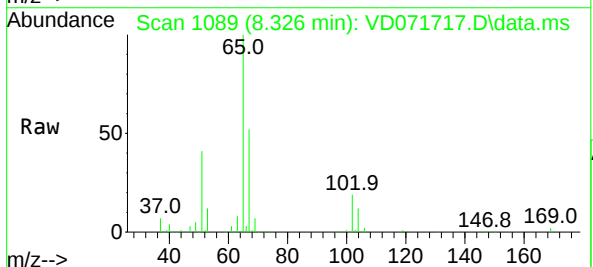
Acq: 13 Jan 2022 18:40

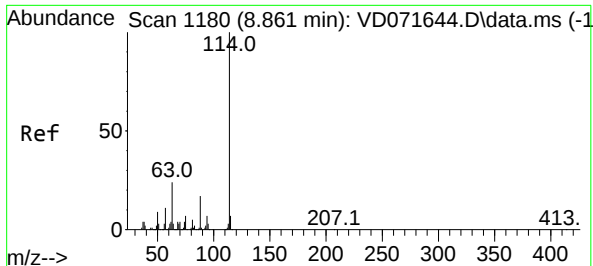
Tgt Ion: 65 Resp: 198614

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071717.D

Acq: 13 Jan 2022 18:40

Instrument :

MSVOA_D

ClientSampleId :

TP-6S

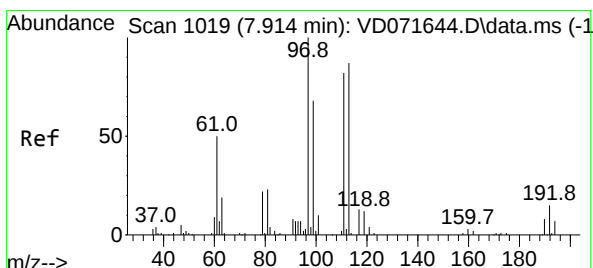
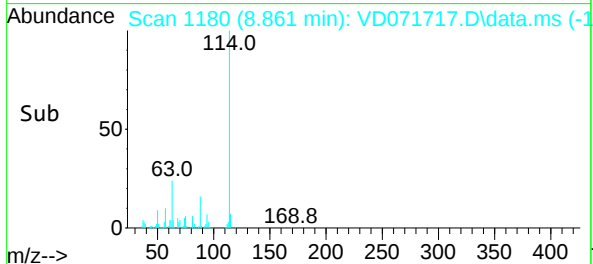
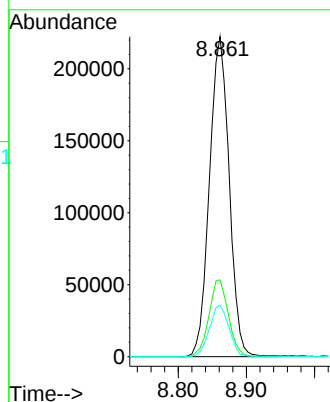
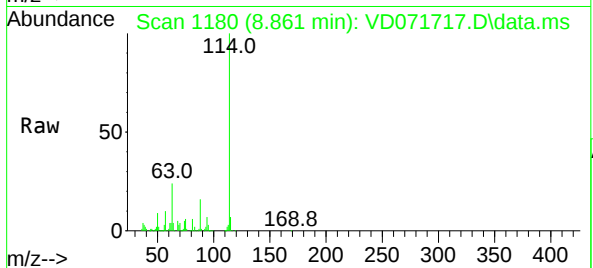
Tgt Ion:114 Resp: 447228

Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.2

88 16.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 54.029 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071717.D

Acq: 13 Jan 2022 18:40

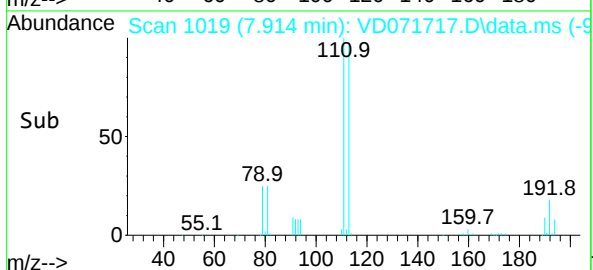
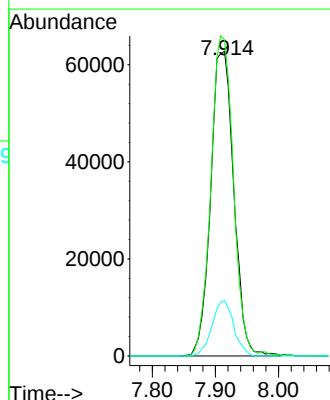
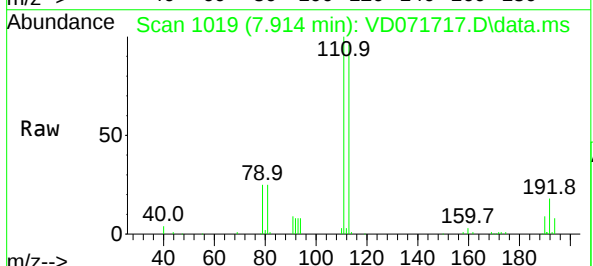
Tgt Ion:113 Resp: 159689

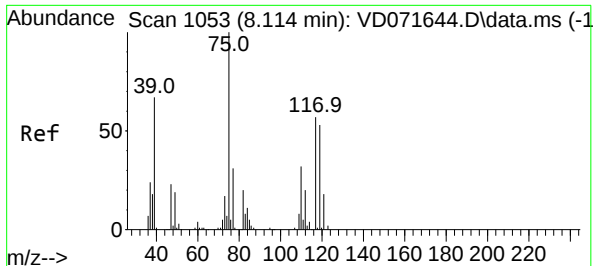
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 17.0 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.651 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.147 min

Lab File: VD071717.D

Acq: 13 Jan 2022 18:40

Instrument :

MSVOA_D

ClientSampleId :

TP-6S

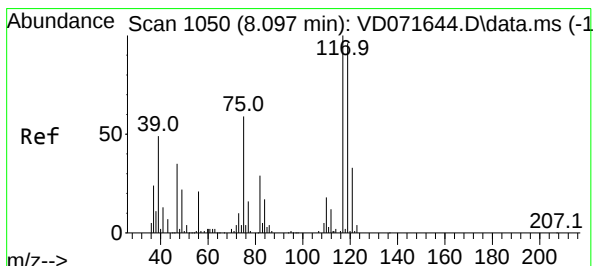
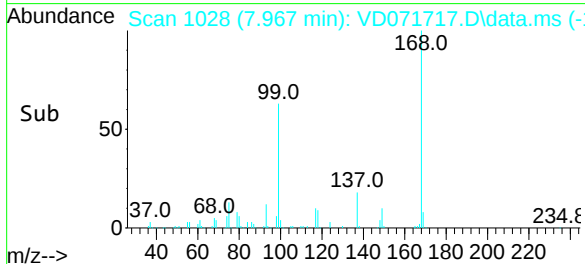
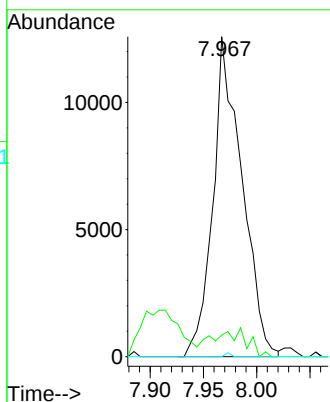
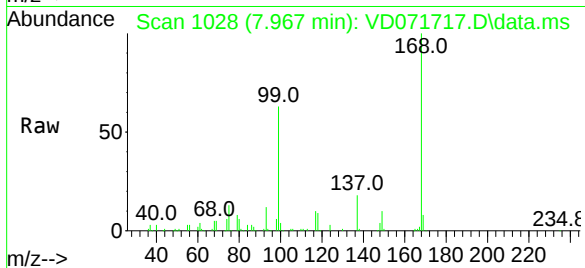
Tgt Ion: 75 Resp: 23826

Ion Ratio Lower Upper

75 100

110 10.4 16.0 48.0#

77 0.2 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.534 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.123 min

Lab File: VD071717.D

Acq: 13 Jan 2022 18:40

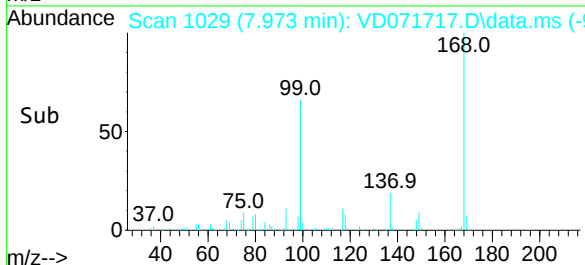
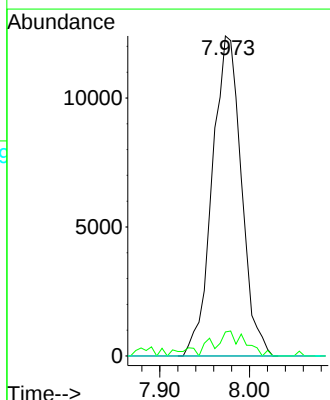
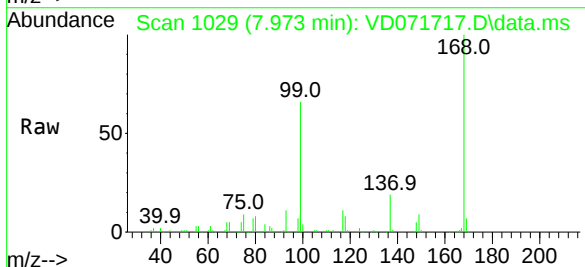
Tgt Ion: 117 Resp: 27899

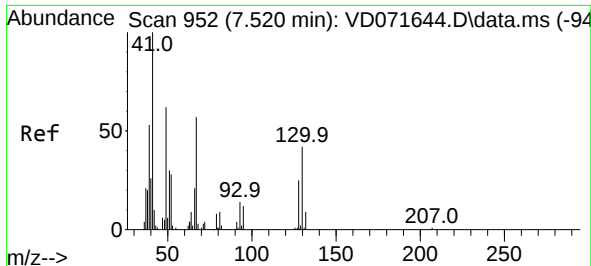
Ion Ratio Lower Upper

117 100

119 7.5 73.4 110.2#

121 0.0 23.9 35.9#

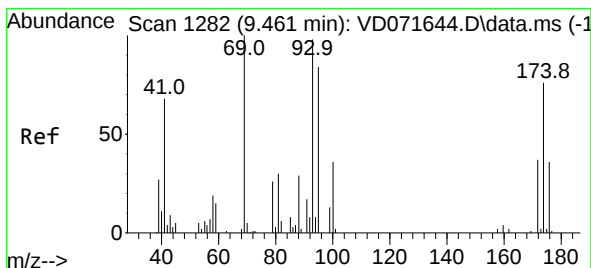
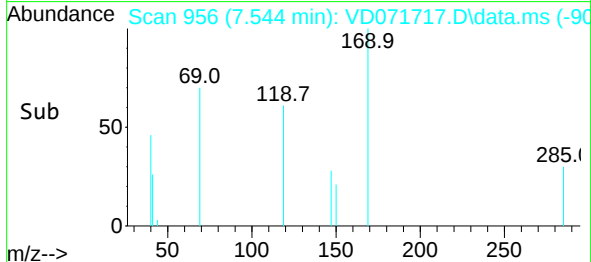
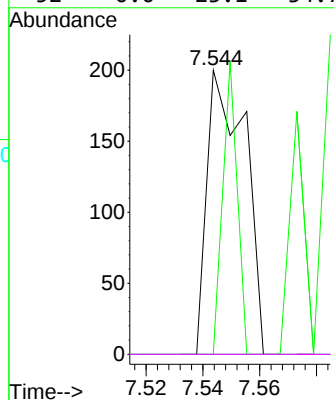
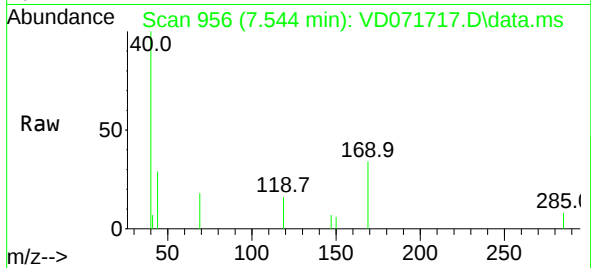




#41
Methacrylonitrile
Concen: 1.280 ug/l
RT: 7.544 min Scan# 91
Delta R.T. 0.024 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

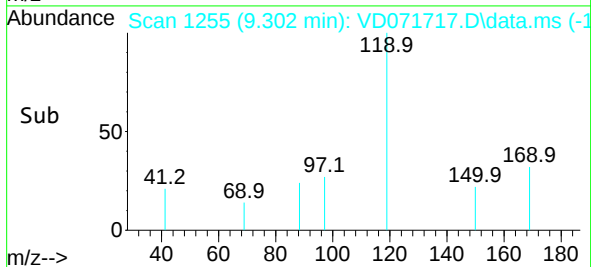
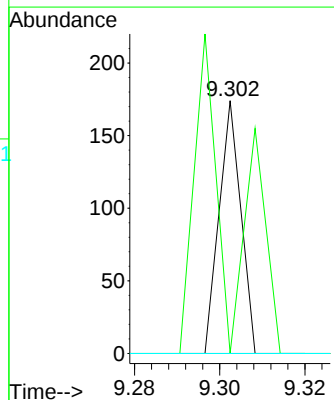
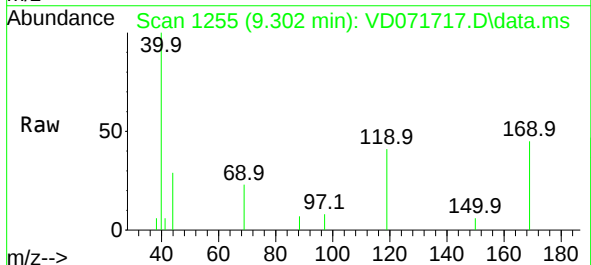
Instrument :
MSVOA_D
ClientSampleId :
TP-6S

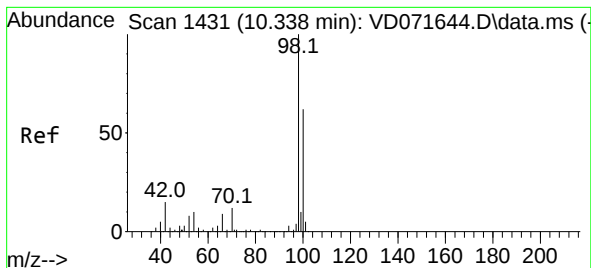
Tgt Ion: 41	Resp:	185
Ion	Ratio	Lower Upper
41	100	
39	39.5	46.9 70.3#
67	0.0	49.3 73.9#
52	0.0	23.1 34.7#



#49
1,4-Dioxane
Concen: 3.785 ug/l
RT: 9.302 min Scan# 1255
Delta R.T. -0.153 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

Tgt Ion: 88	Resp:	61
Ion	Ratio	Lower Upper
88	100	
43	216.4	34.6 52.0#
58	0.0	62.0 93.0#

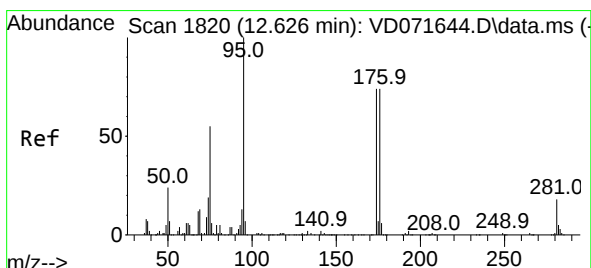
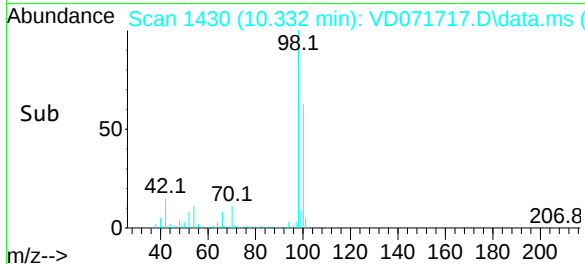
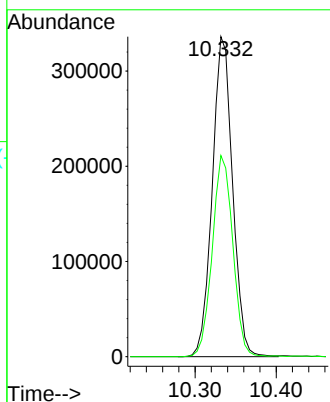
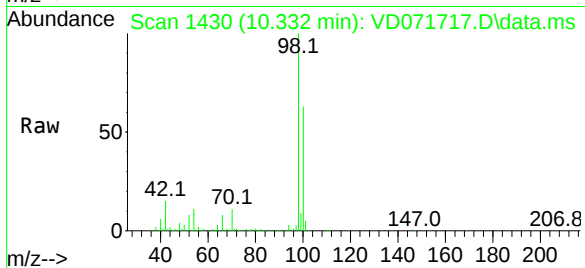




#50
Toluene-d8
Concen: 52.792 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

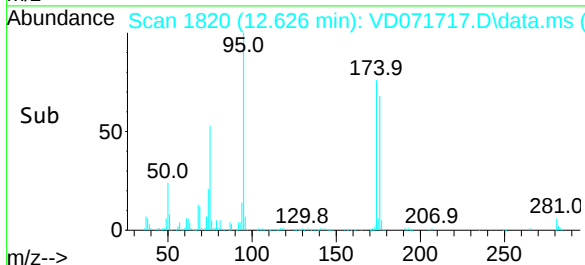
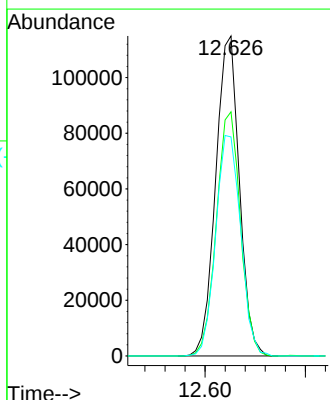
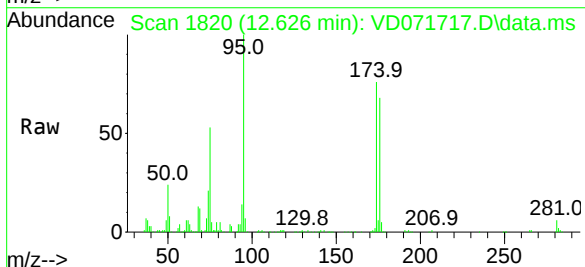
Instrument :
MSVOA_D
ClientSampleId :
TP-6S

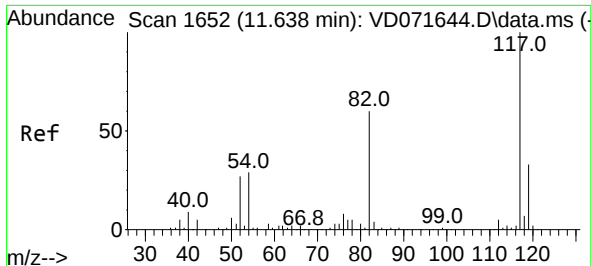
Tgt Ion: 98 Resp: 584082
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.249 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

Tgt Ion: 95 Resp: 188106
Ion Ratio Lower Upper
95 100
174 77.4 0.0 150.0
176 72.8 0.0 146.4

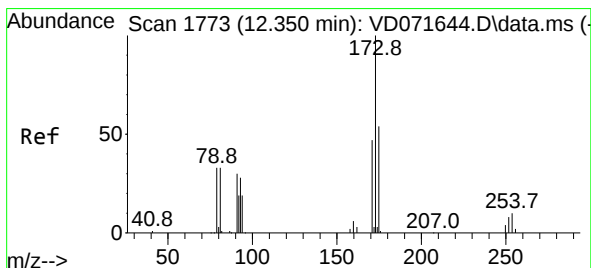
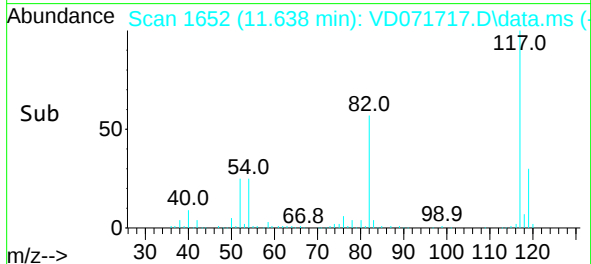
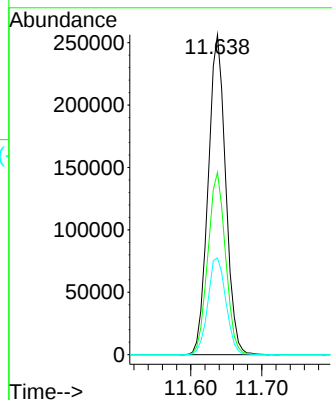
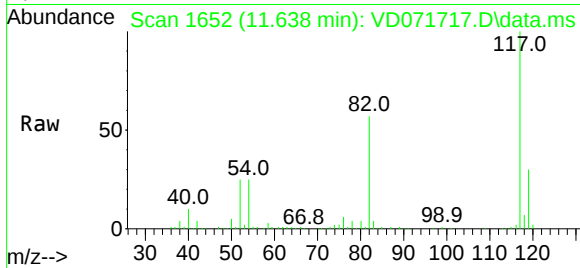




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

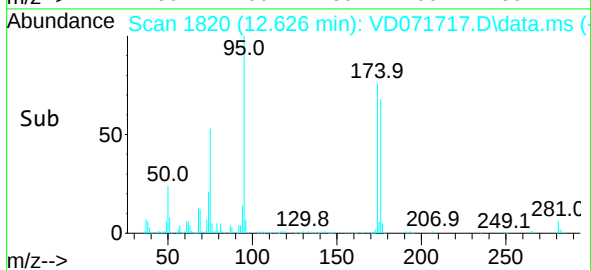
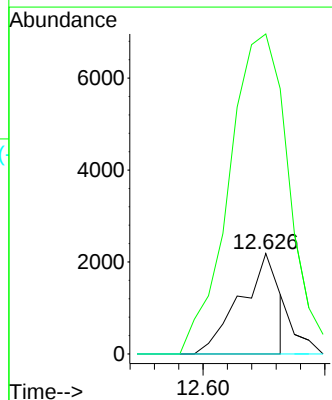
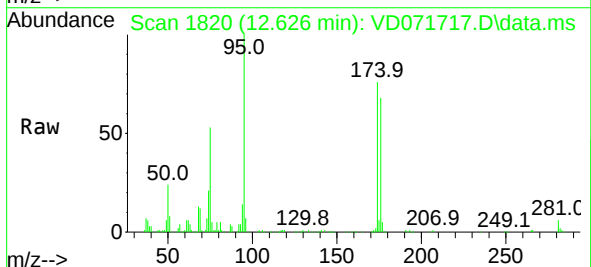
Instrument :
MSVOA_D
ClientSampleId :
TP-6S

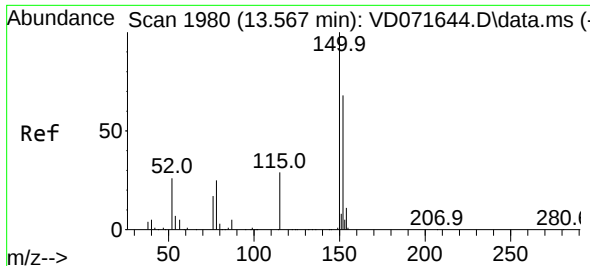
Tgt Ion:117 Resp: 438413
Ion Ratio Lower Upper
117 100
82 57.0 46.9 70.3
119 30.2 26.6 39.8



#71
Bromoform
Concen: 1.554 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071717.D
Acq: 13 Jan 2022 18:40

Tgt Ion:173 Resp: 2414
Ion Ratio Lower Upper
173 100
175 430.7 24.4 73.2#
254 0.0 0.1 0.1#

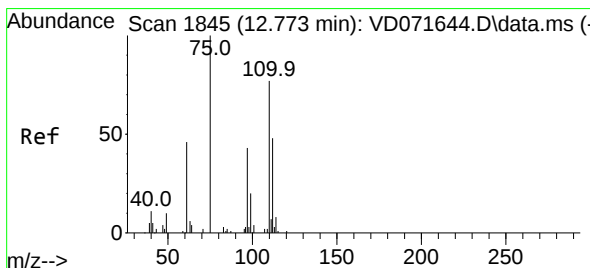
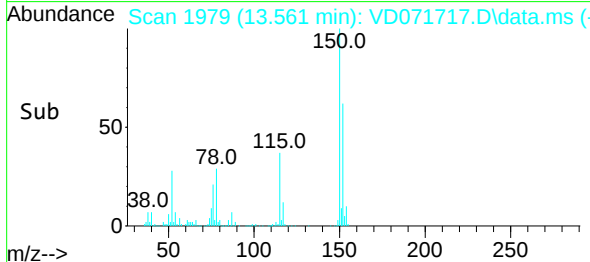
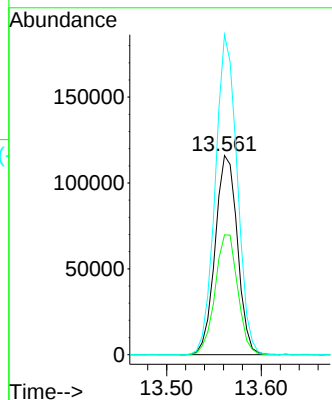
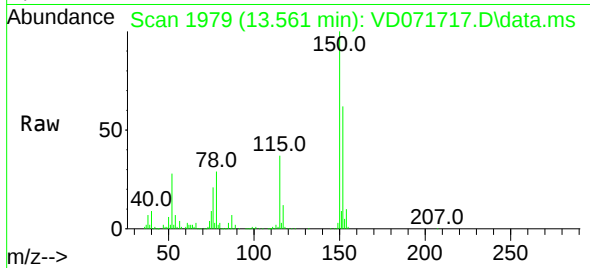




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: VD071717.D
 Acq: 13 Jan 2022 18:40

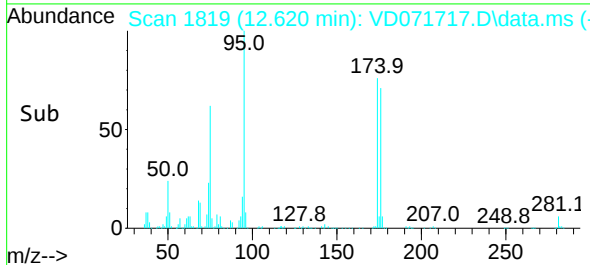
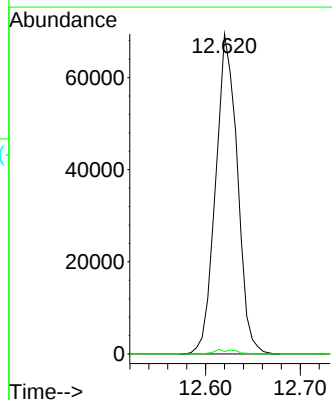
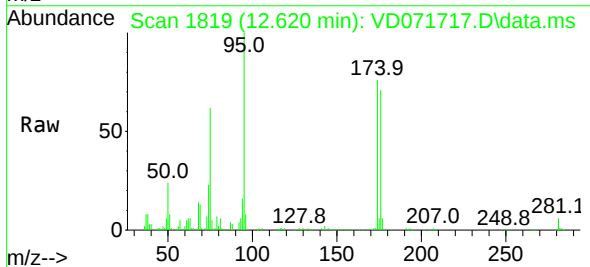
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6S

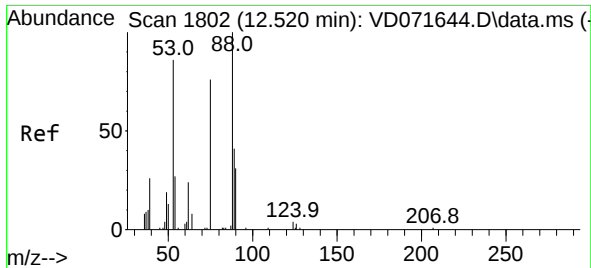
Tgt Ion:152 Resp: 189783
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.5 94.5
 150 157.6 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 60.349 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071717.D
 Acq: 13 Jan 2022 18:40

Tgt Ion: 75 Resp: 110669
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 168.245 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD071717.D
 Acq: 13 Jan 2022 18:40

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6S

Tgt Ion: 75 Resp: 110669
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.4 143.0#
 89 0.1 37.2 55.8#

