

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068400.D
 Acq On : 19 Feb 2021 15:11
 Operator : VA/SY
 Sample : M1452-01
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Feb 19 23:31:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

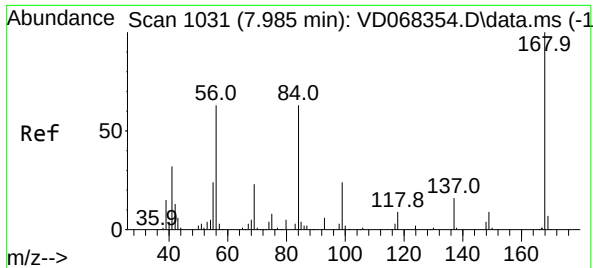
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	384161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	734925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	674027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	280745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	224809	57.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.48%
35) Dibromofluoromethane	7.914	113	224877	51.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.10%
50) Toluene-d8	10.344	98	949752	52.53	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.06%
62) 4-Bromofluorobenzene	12.632	95	291572	49.51	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.02%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.238	59	408	2.07	ug/l #	74
16) Acetone	4.144	43	938	1.55	ug/l #	81
20) Methylene Chloride	4.979	84	5634	Below Cal	#	85
31) Cyclohexane	7.979	56	10050	Below Cal	#	46
36) 1,1-Dichloropropene	7.979	75	32091	4.94	ug/l #	48
38) Carbon Tetrachloride	7.985	117	40508	6.53	ug/l #	14
71) Bromoform	12.632	173	2529	1.09	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	148811	55.70	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	148811	139.62	ug/l #	14

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

Quant Time: Feb 19 23:31:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

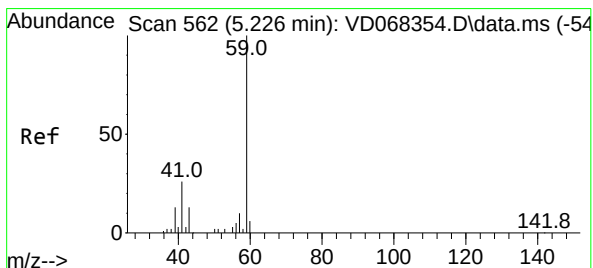
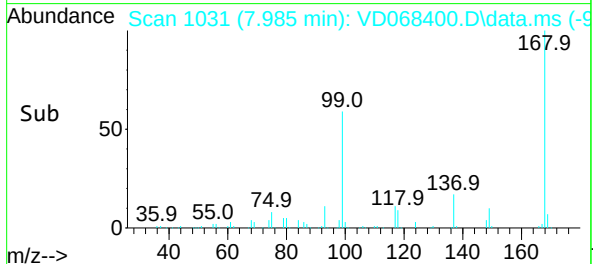
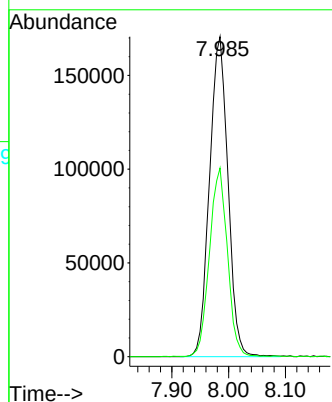
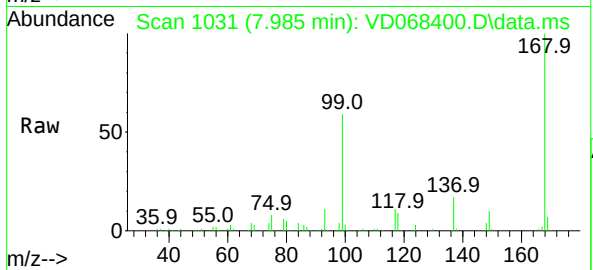




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

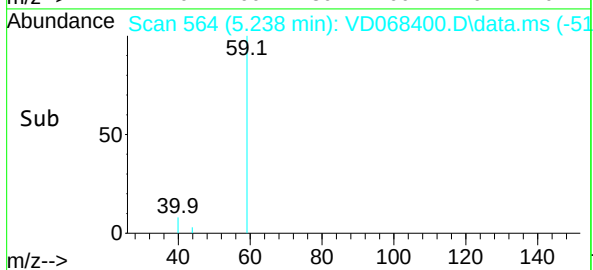
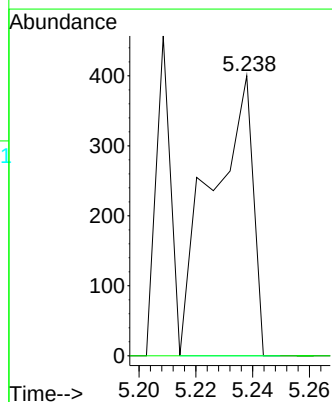
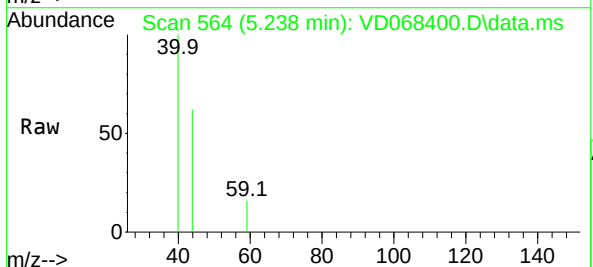
Instrument :
MSVOA_D
ClientSampled :
TP-1

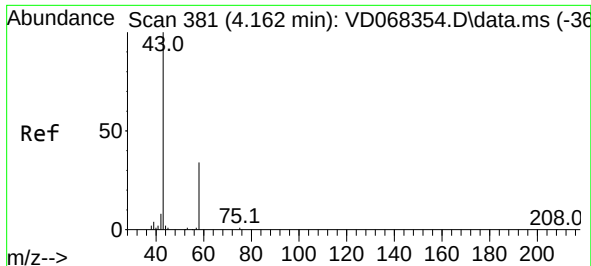
Tgt Ion:168 Resp: 384161
Ion Ratio Lower Upper
168 100
99 58.8 43.5 65.3



#11
Tert butyl alcohol
Concen: 2.07 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

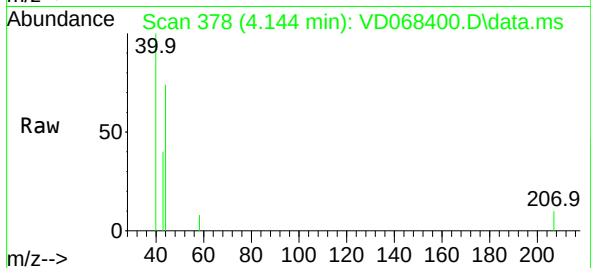
Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



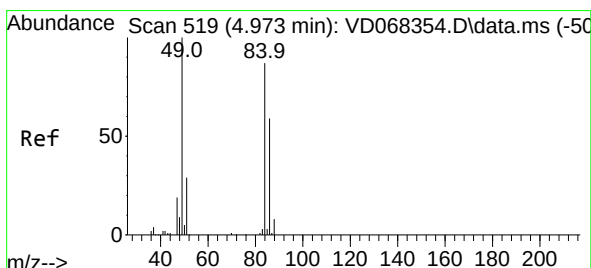
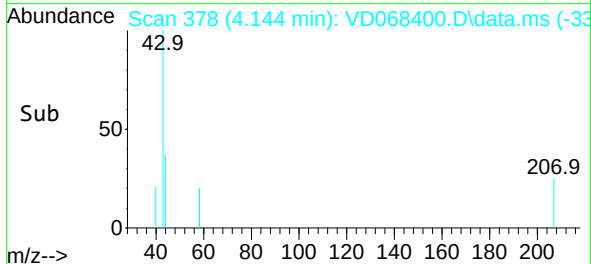
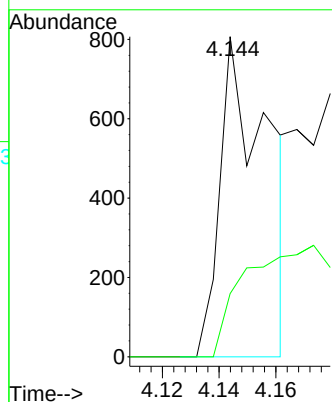


#16
Acetone
Concen: 1.55 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.018 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Instrument :
MSVOA_D
ClientSampled :
TP-1

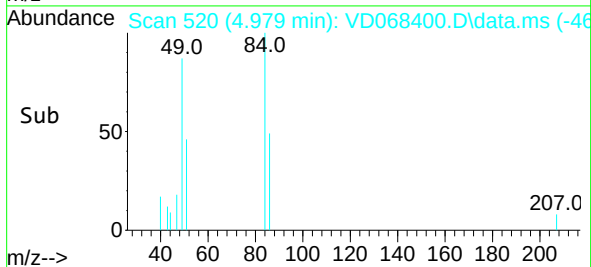
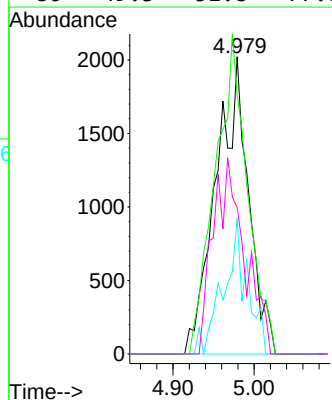
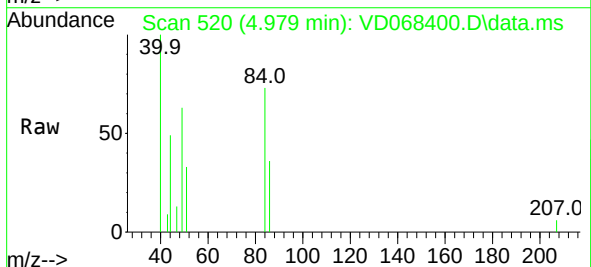


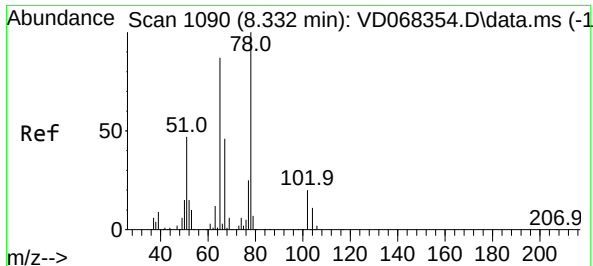
Tgt Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
58 19.7 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Tgt Ion: 84 Resp: 5634
Ion Ratio Lower Upper
84 100
49 86.9 77.4 116.2
51 45.6 26.1 39.1#
86 49.3 51.8 77.8#

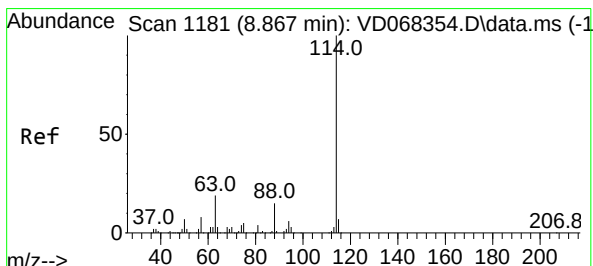
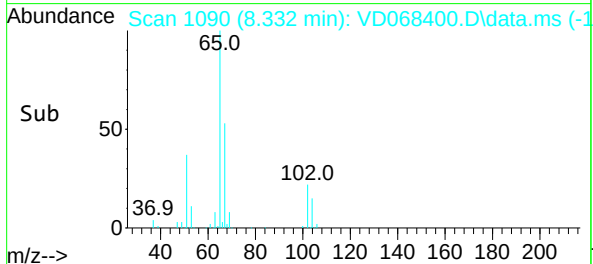
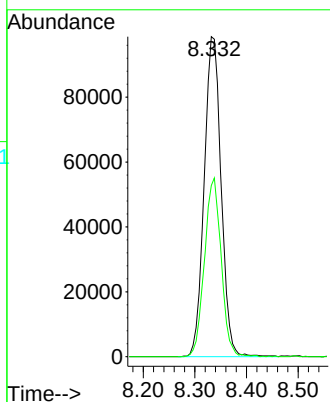
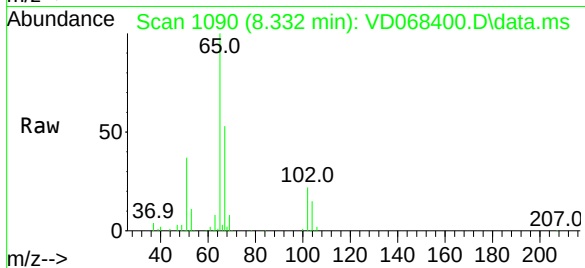




#33
 1,2-Dichloroethane-d4
 Concen: 57.24 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD068400.D
 Acq: 19 Feb 2021 15:11

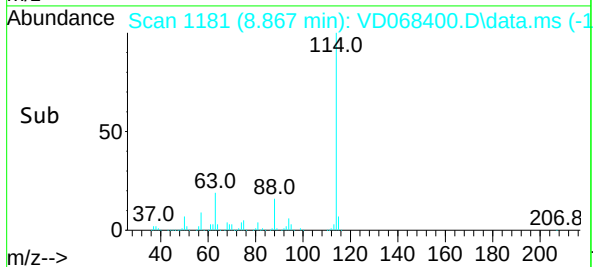
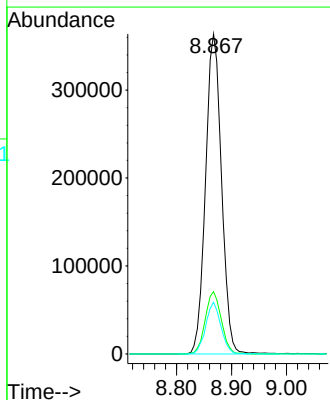
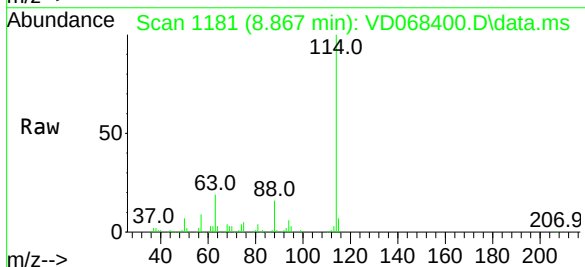
Instrument :
 MSVOA_D
 ClientSampled :
 TP-1

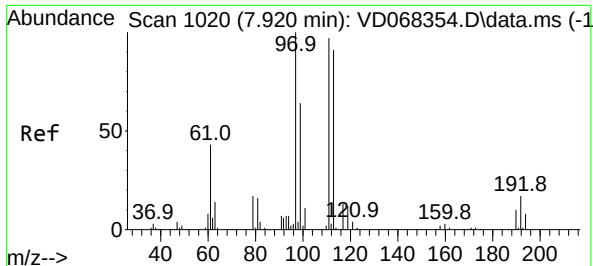
Tgt Ion: 65 Resp: 224809
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068400.D
 Acq: 19 Feb 2021 15:11

Tgt Ion: 114 Resp: 734925
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 34.8
 88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.55 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068400.D

Acq: 19 Feb 2021 15:11

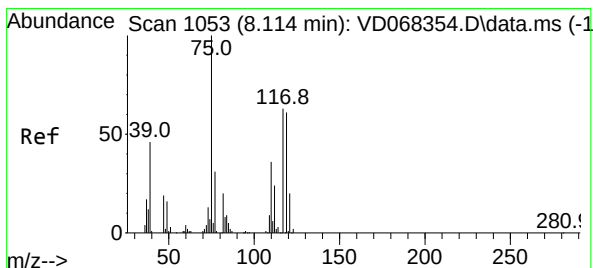
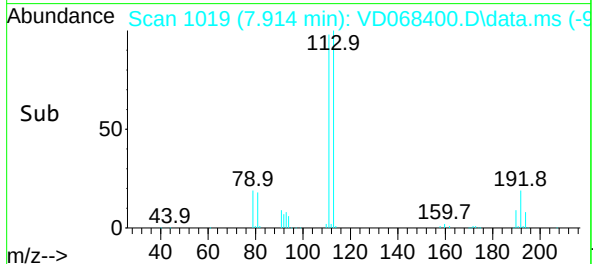
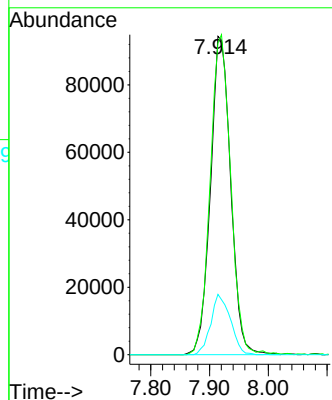
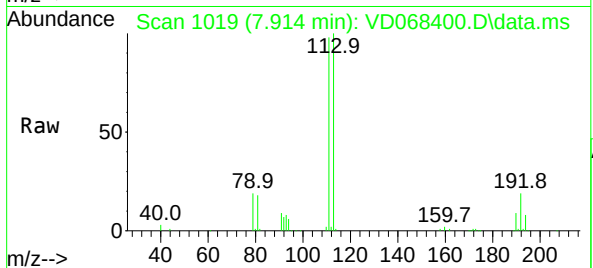
Tgt Ion:113 Resp: 224877

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 18.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.94 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068400.D

Acq: 19 Feb 2021 15:11

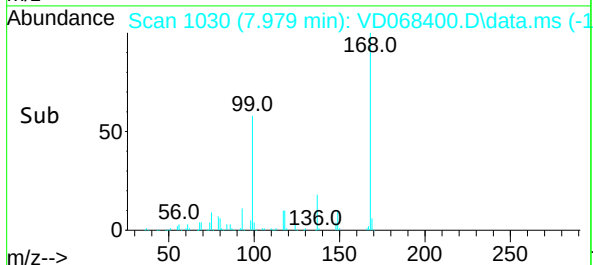
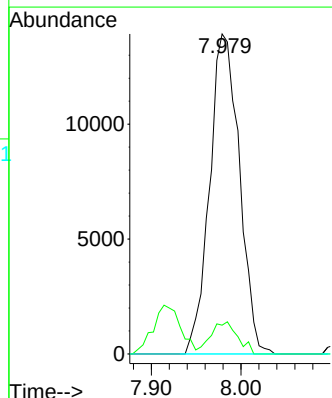
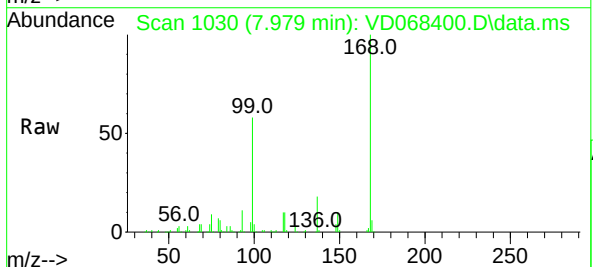
Tgt Ion: 75 Resp: 32091

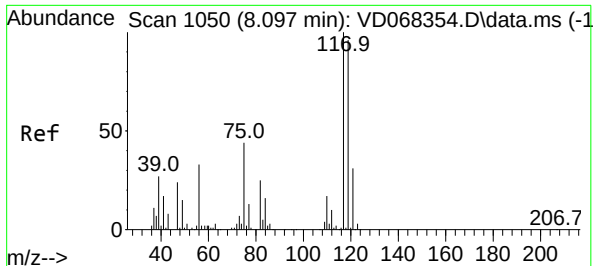
Ion Ratio Lower Upper

75 100

110 9.1 19.4 58.2#

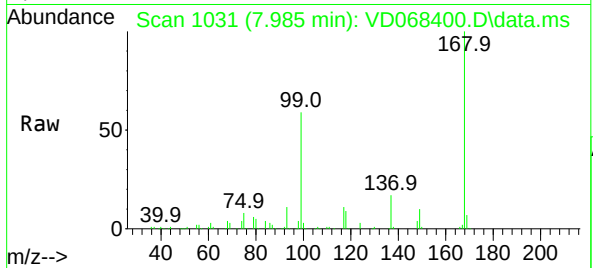
77 0.0 25.3 37.9#



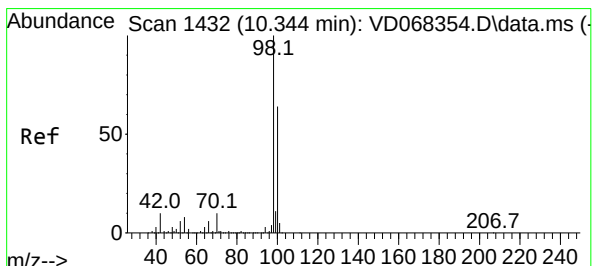
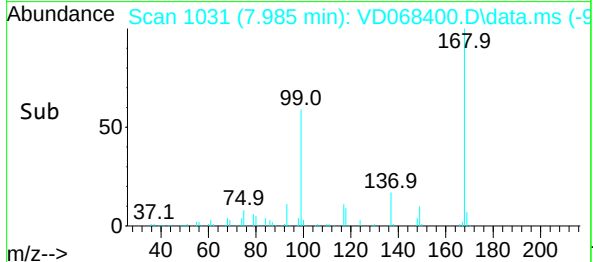
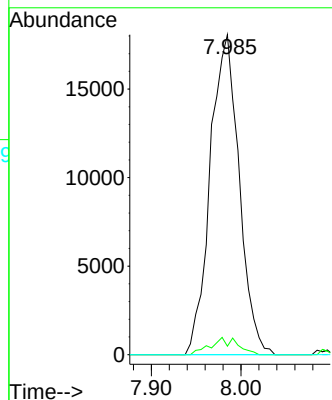


#38
Carbon Tetrachloride
Concen: 6.53 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Instrument :
MSVOA_D
ClientSampled :
TP-1

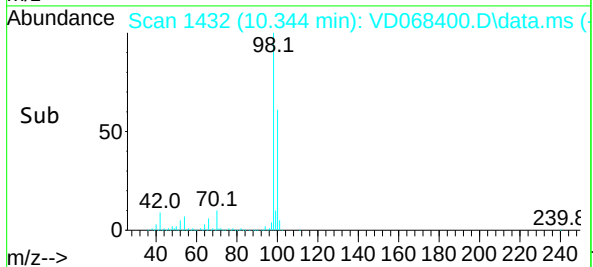
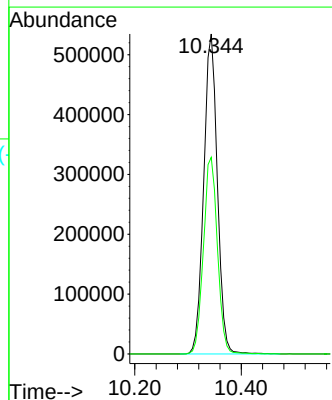
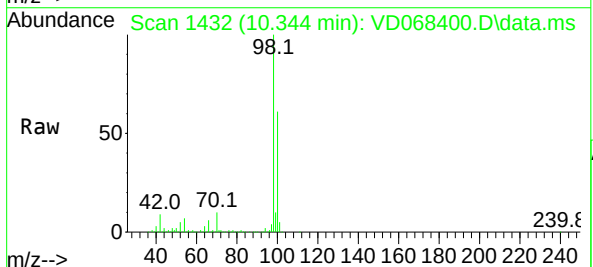


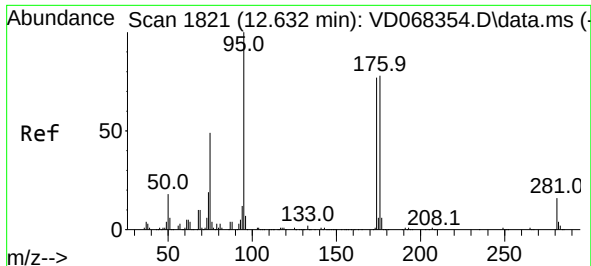
Tgt Ion:117 Resp: 40508
Ion Ratio Lower Upper
117 100
119 2.7 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.53 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Tgt Ion: 98 Resp: 949752
Ion Ratio Lower Upper
98 100
100 63.1 53.0 79.4

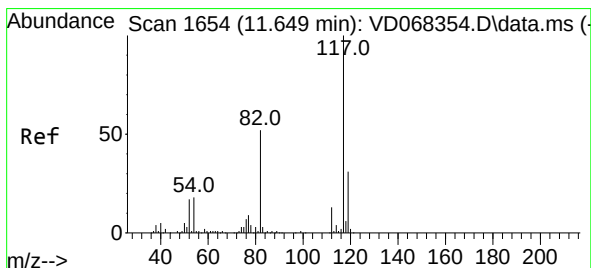
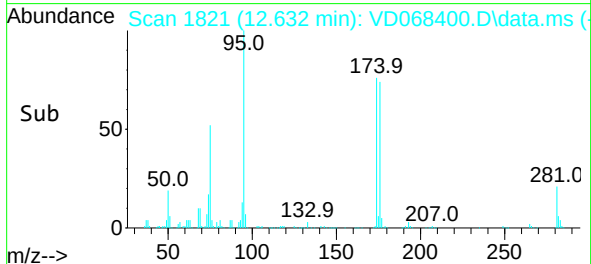
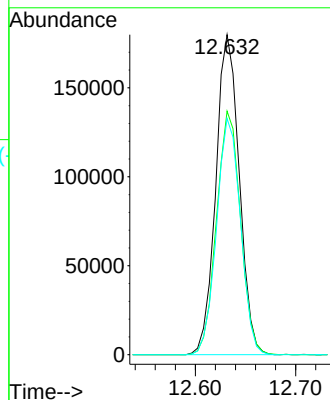
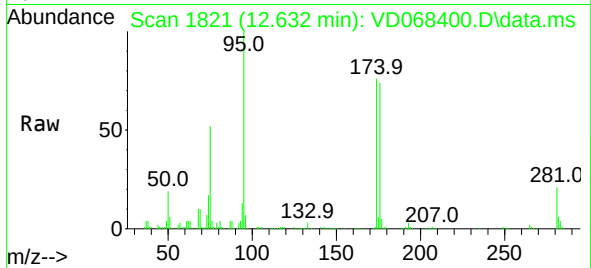




#62
4-Bromofluorobenzene
Concen: 49.51 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

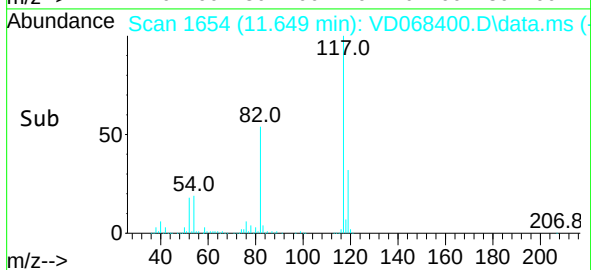
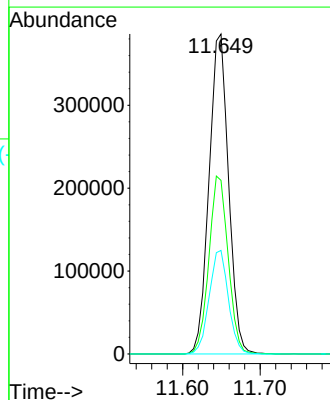
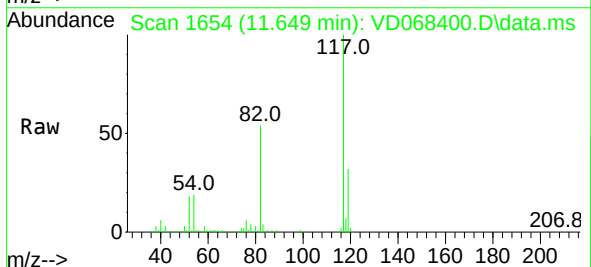
Instrument :
MSVOA_D
ClientSampled :
TP-1

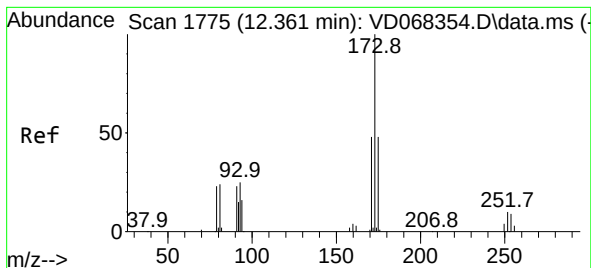
Tgt Ion: 95 Resp: 291572
Ion Ratio Lower Upper
95 100
174 77.7 0.0 172.4
176 75.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Tgt Ion:117 Resp: 674027
Ion Ratio Lower Upper
117 100
82 54.2 41.4 62.0
119 32.4 26.1 39.1

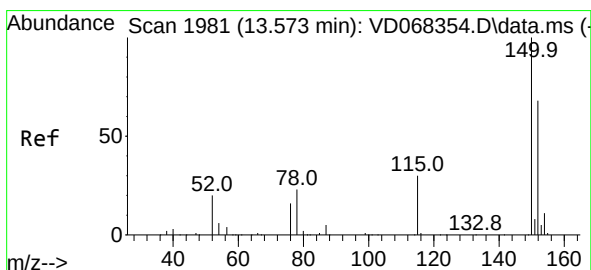
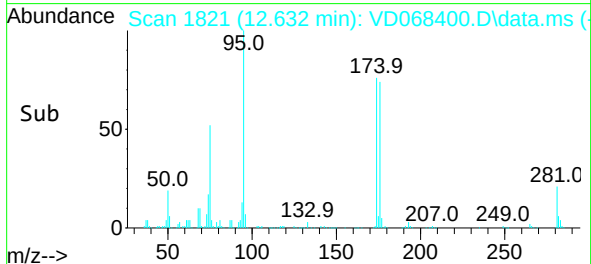
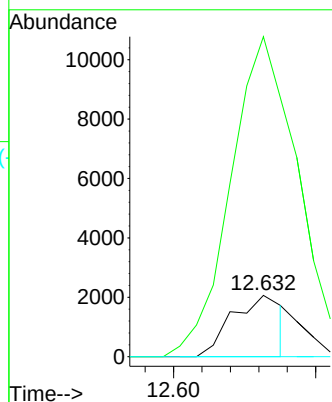
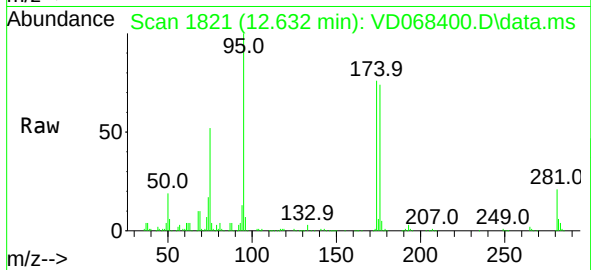




#71
Bromoform
Concen: 1.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.270 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

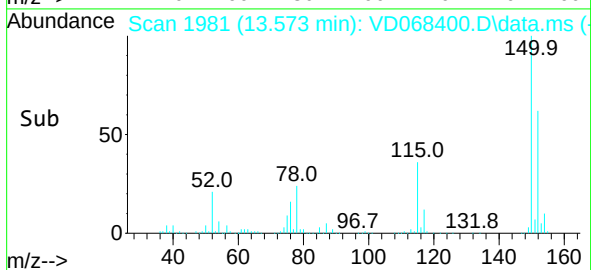
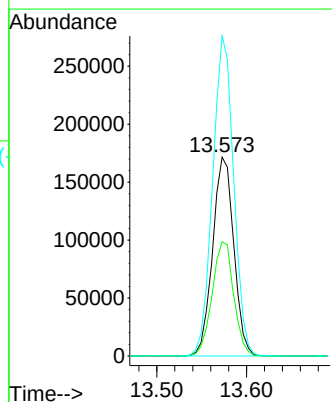
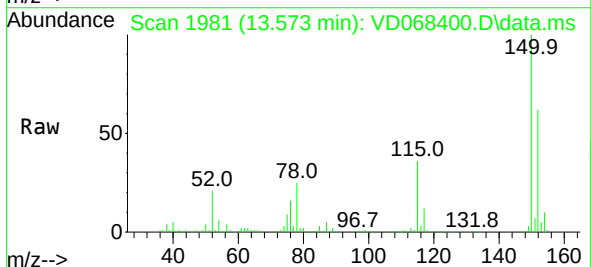
Instrument :
MSVOA_D
ClientSampled :
TP-1

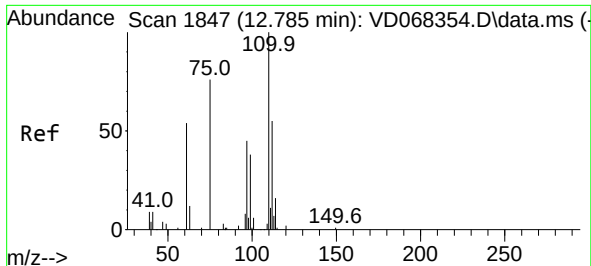
Tgt Ion:173 Resp: 2529
Ion Ratio Lower Upper
173 100
175 534.4 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Tgt Ion:152 Resp: 280745
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 159.7 0.0 344.4

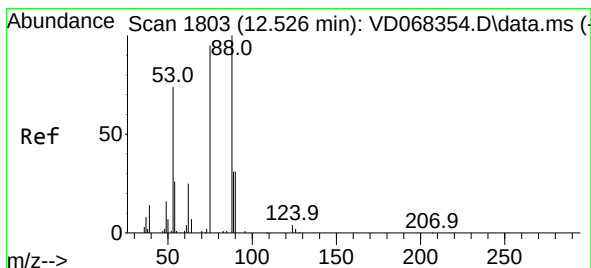
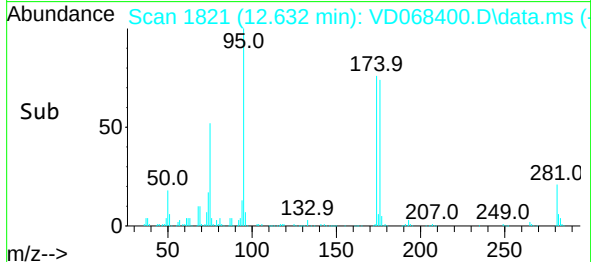
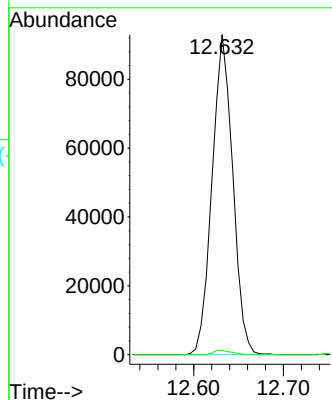
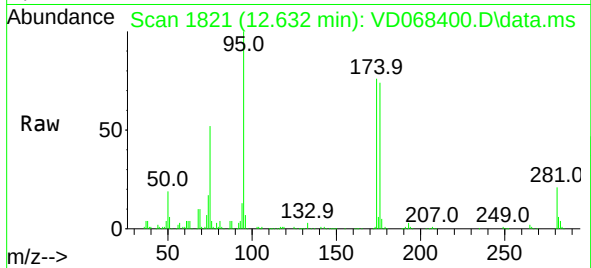




#76
1,2,3-Trichloropropane
Concen: 55.70 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tgt Ion: 75 Resp: 148811
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Tgt Ion: 75 Resp: 148811
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.3 40.3 60.5#

