

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068560.D
 Acq On : 08 Mar 2021 15:14
 Operator : VA/SY
 Sample : M1603-02
 Misc : 10.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 32-NORTH

Quant Time: Mar 09 00:10:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

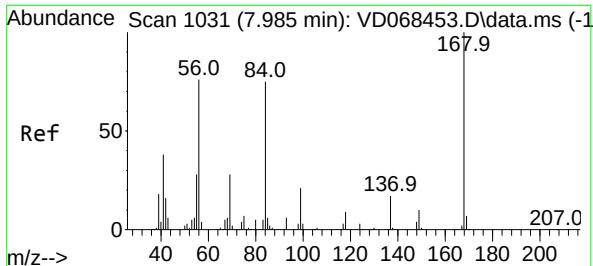
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	322135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	563891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	556060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	252392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	168786	52.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.88%
35) Dibromofluoromethane	7.920	113	159197	46.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.74%
50) Toluene-d8	10.344	98	709914	52.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.94%
62) 4-Bromofluorobenzene	12.632	95	239333	54.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.78%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	770	2.80	ug/l #	38
16) Acetone	4.179	43	2304	4.51	ug/l	100
20) Methylene Chloride	4.967	84	4844	Below Cal		93
31) Cyclohexane	7.979	56	6404	1.09	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	24135	4.50	ug/l #	47
38) Carbon Tetrachloride	7.979	117	31351	6.22	ug/l #	18
51) 4-Methyl-2-Pentanone	10.344	43	2610	1.53	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	125059	55.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	125059	130.25	ug/l #	14

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

Quant Time: Mar 09 00:10:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

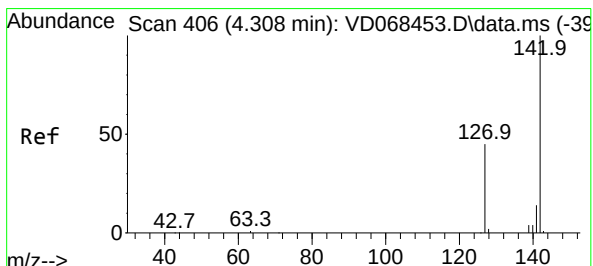
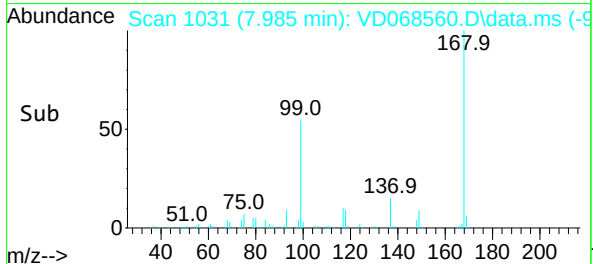
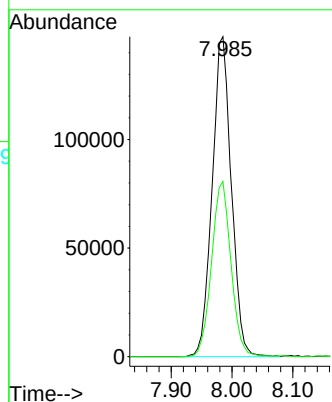
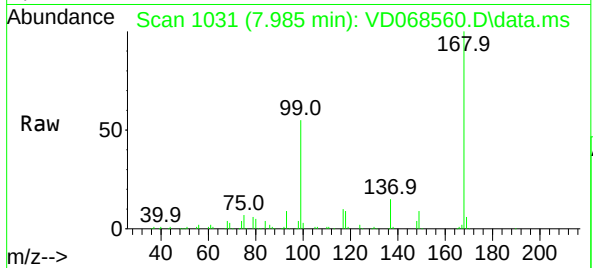




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

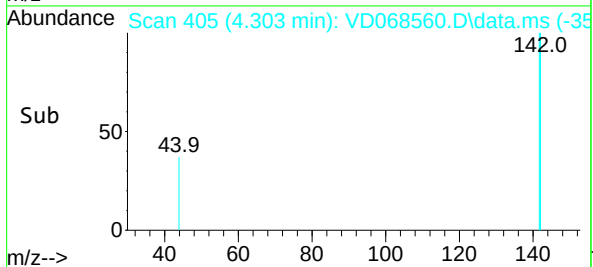
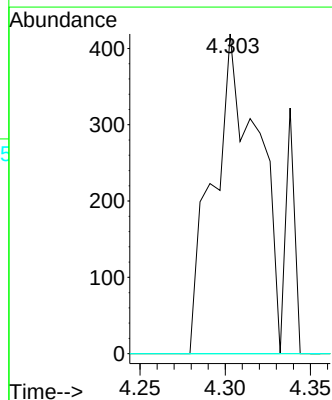
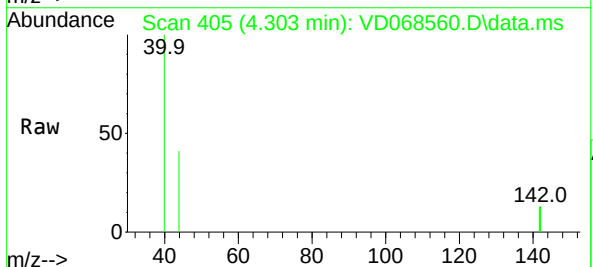
Instrument :
MSVOA_D
ClientSampleId :
32-NORTH

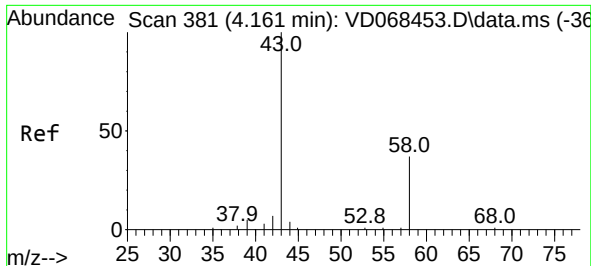
Tgt Ion:168 Resp: 322135
Ion Ratio Lower Upper
168 100
99 54.7 43.5 65.3



#10
Methyl Iodide
Concen: 2.80 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

Tgt Ion:142 Resp: 770
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

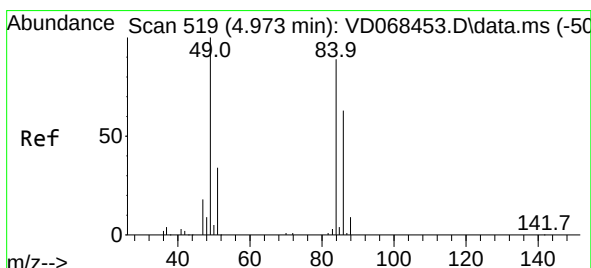
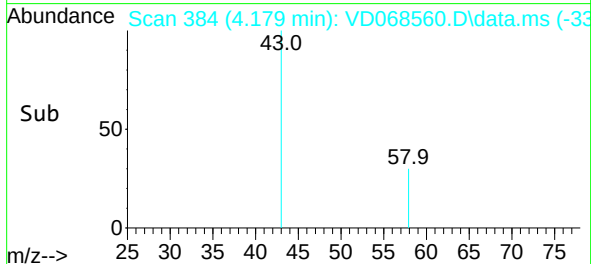
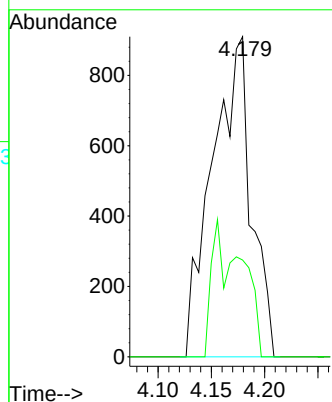
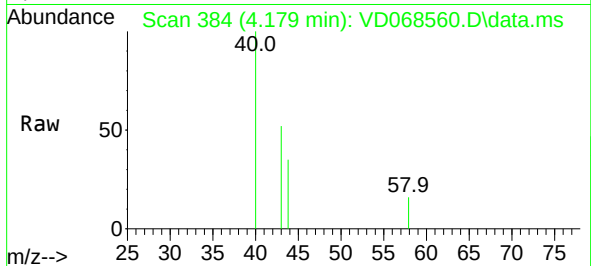




#16
Acetone
Concen: 4.51 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

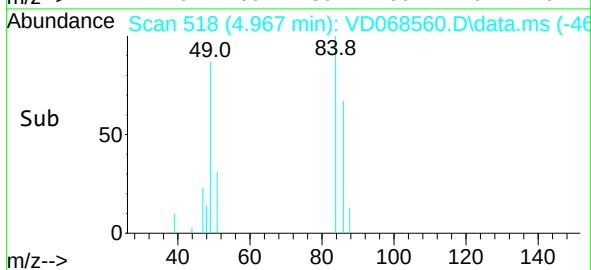
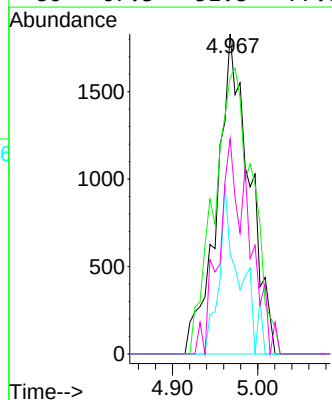
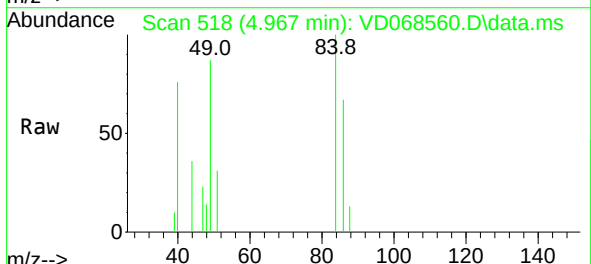
Instrument :
MSVOA_D
ClientSampled :
32-NORTH

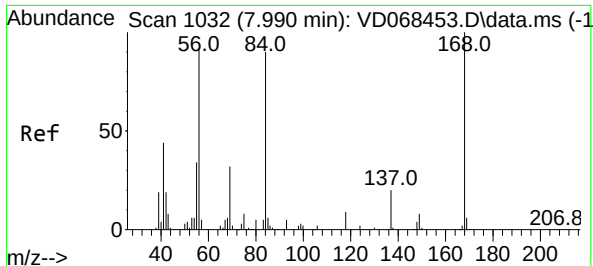
Tgt Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
58 30.2 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

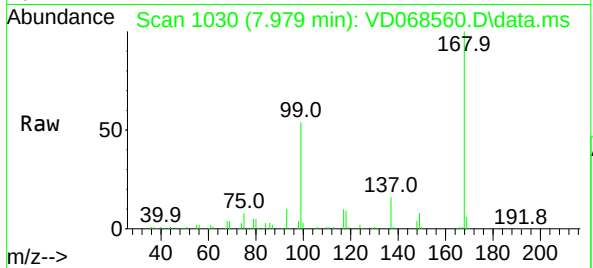
Tgt Ion: 84 Resp: 4844
Ion Ratio Lower Upper
84 100
49 86.5 77.4 116.2
51 31.2 26.1 39.1
86 67.3 51.8 77.8



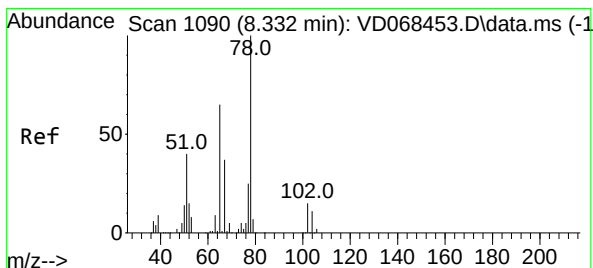
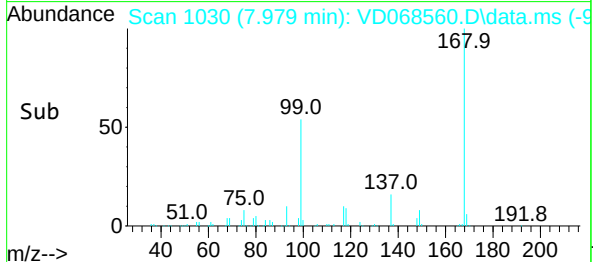
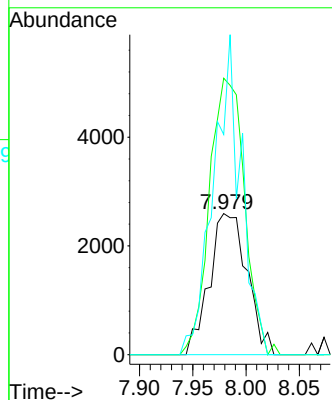


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

Instrument :
MSVOA_D
ClientSampleId :
32-NORTH

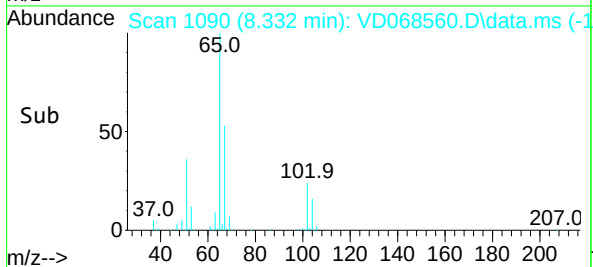
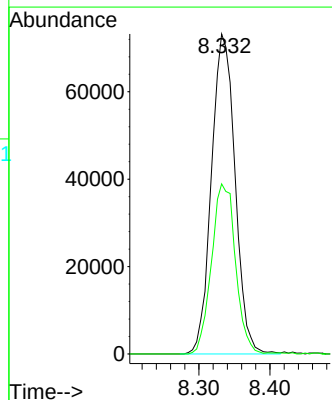
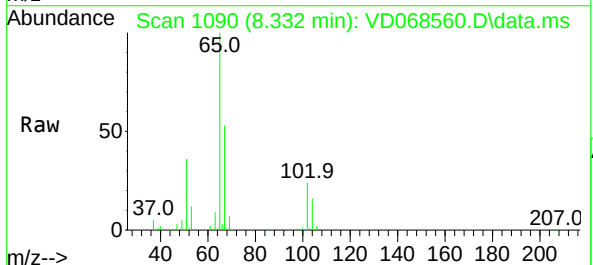


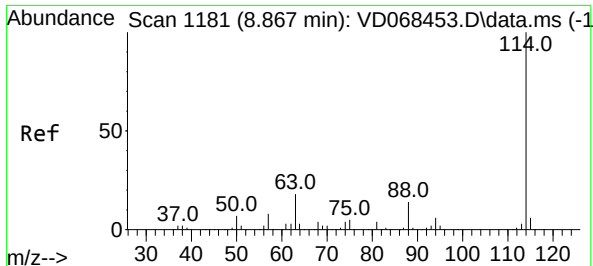
Tgt Ion: 56 Resp: 6404
Ion Ratio Lower Upper
56 100
69 196.0 30.1 45.1#
84 156.0 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 52.44 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

Tgt Ion: 65 Resp: 168786
Ion Ratio Lower Upper
65 100
67 54.0 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: VD068560.D

Acq: 08 Mar 2021 15:14

Tgt Ion:114 Resp: 563891

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

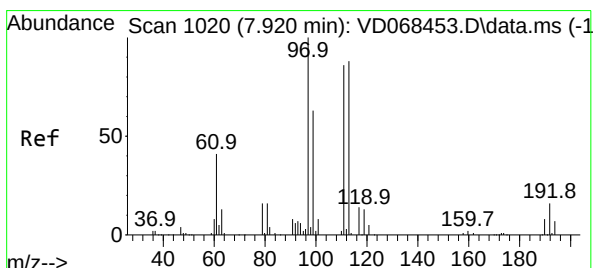
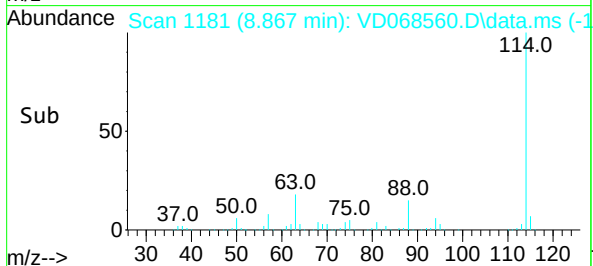
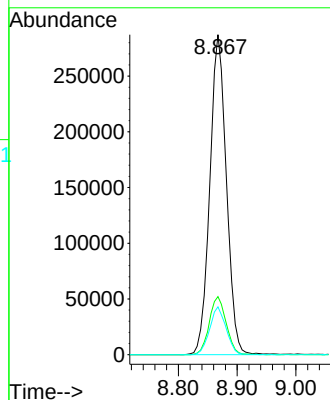
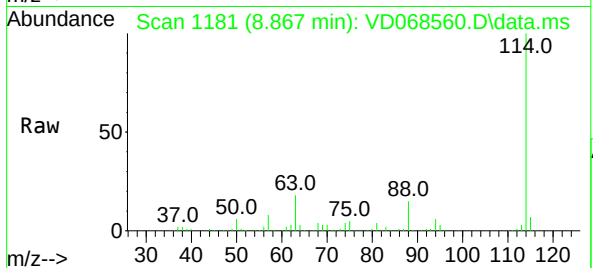
88 15.0 0.0 31.6

Instrument :

MSVOA_D

ClientSampleId :

32-NORTH



#35

Dibromofluoromethane

Concen: 46.87 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068560.D

Acq: 08 Mar 2021 15:14

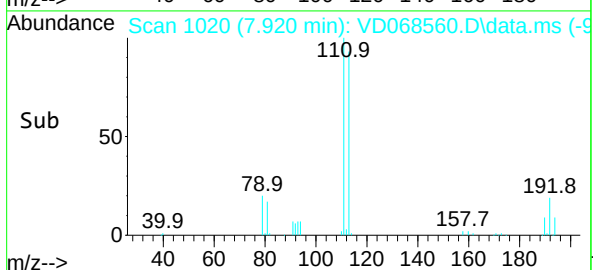
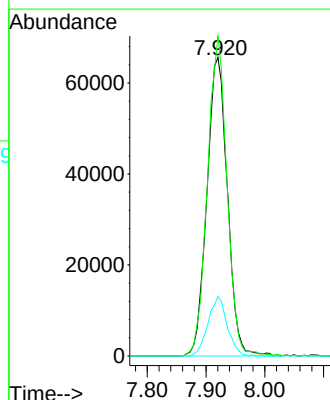
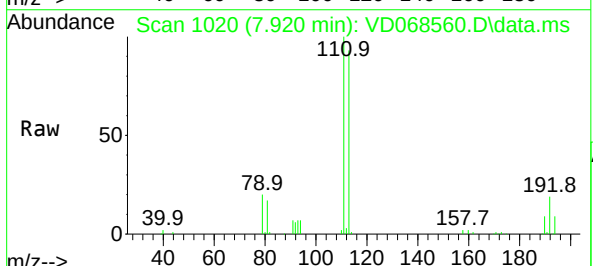
Tgt Ion:113 Resp: 159197

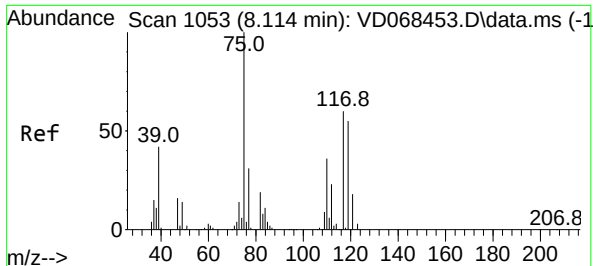
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 18.6 16.1 24.1

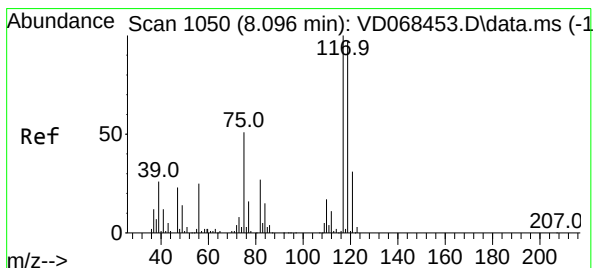
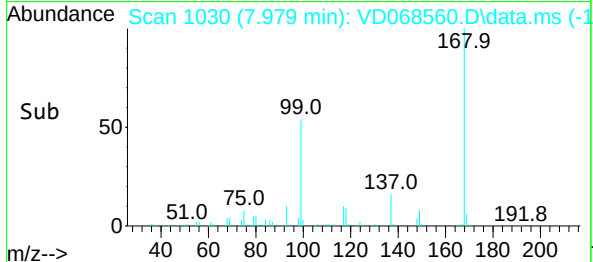
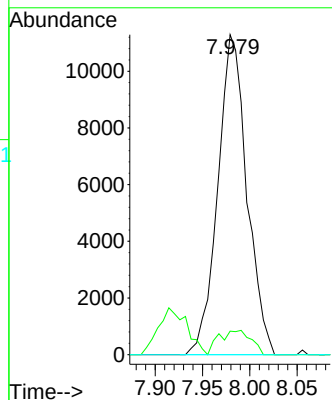
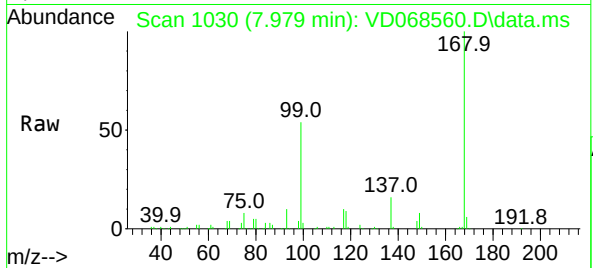




#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

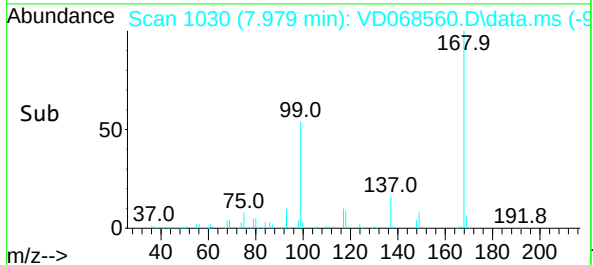
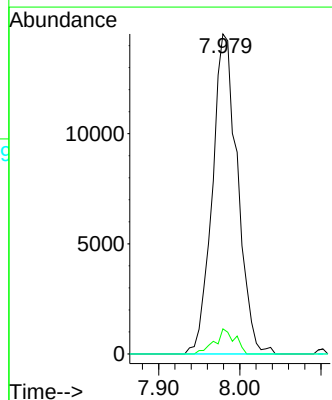
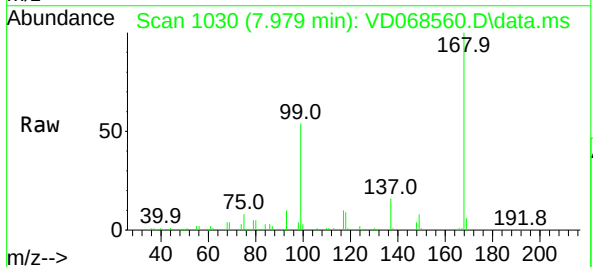
Instrument :
MSVOA_D
ClientSampled :
32-NORTH

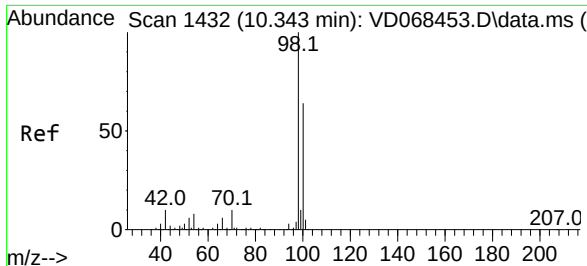
Tgt Ion: 75 Resp: 24135
Ion Ratio Lower Upper
75 100
110 8.4 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

Tgt Ion: 117 Resp: 31351
Ion Ratio Lower Upper
117 100
119 7.8 77.3 115.9#
121 0.0 24.7 37.1#

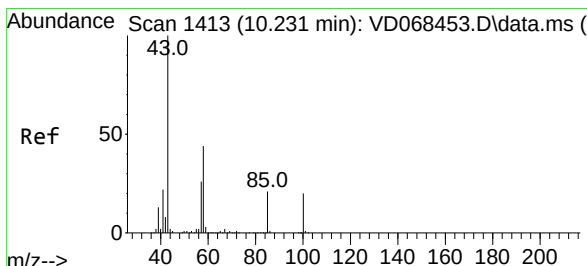
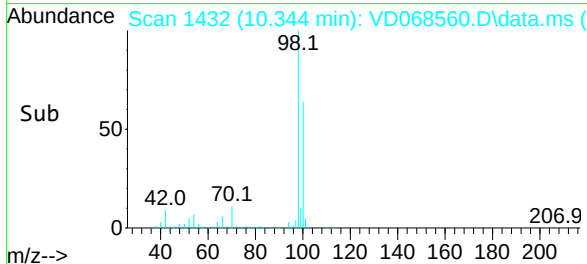
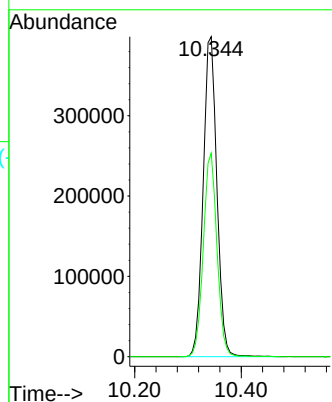
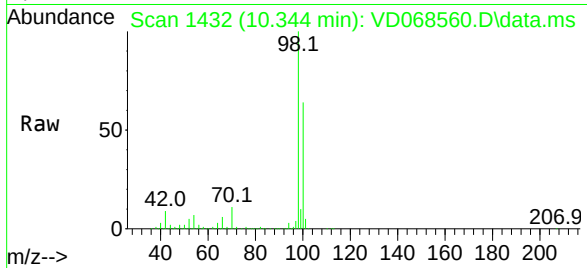




#50
Toluene-d8
Concen: 52.47 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

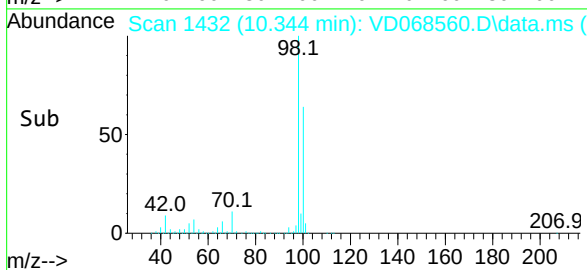
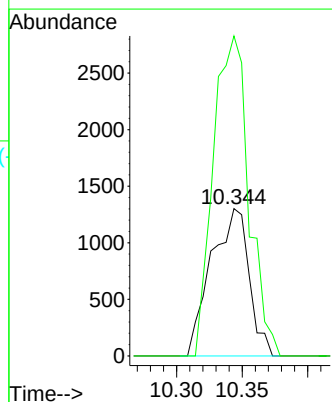
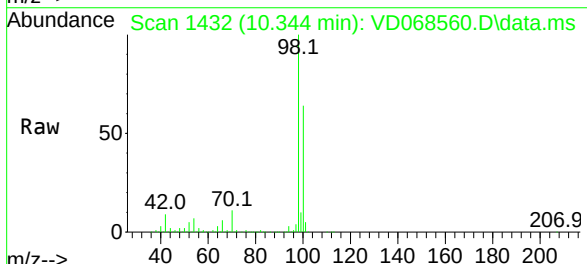
Instrument :
MSVOA_D
ClientSampleId :
32-NORTH

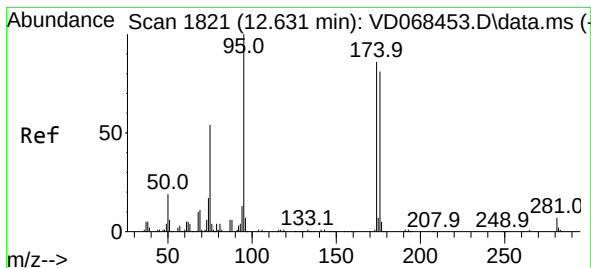
Tgt Ion: 98 Resp: 709914
Ion Ratio Lower Upper
98 100
100 63.5 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.53 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

Tgt Ion: 43 Resp: 2610
Ion Ratio Lower Upper
43 100
58 204.4 36.1 54.1#

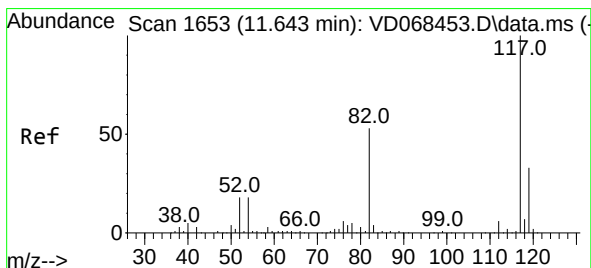
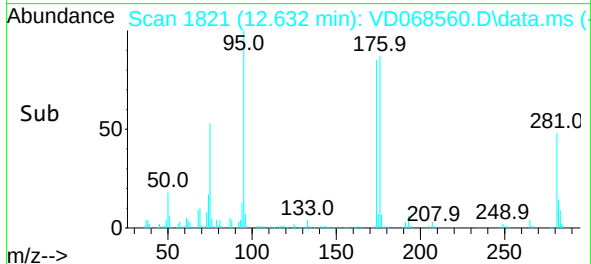
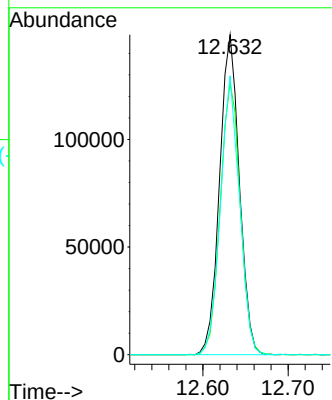
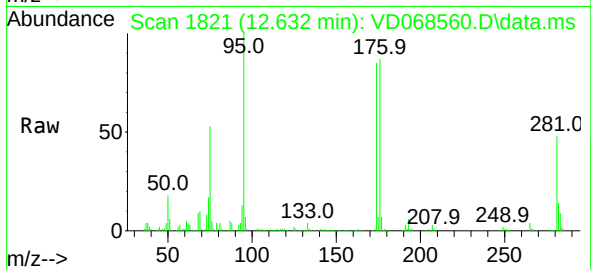




#62
4-Bromofluorobenzene
Concen: 54.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

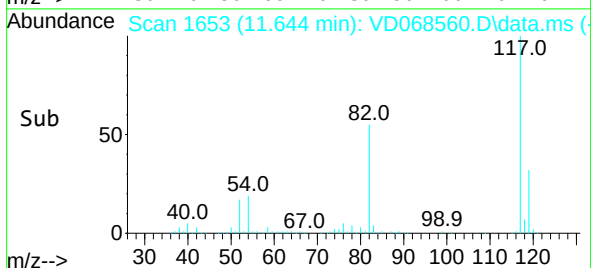
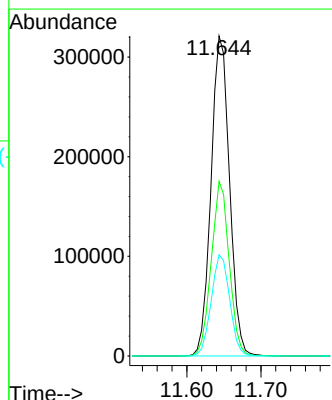
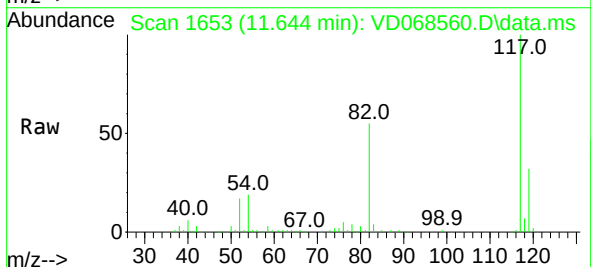
Instrument :
MSVOA_D
ClientSampleId :
32-NORTH

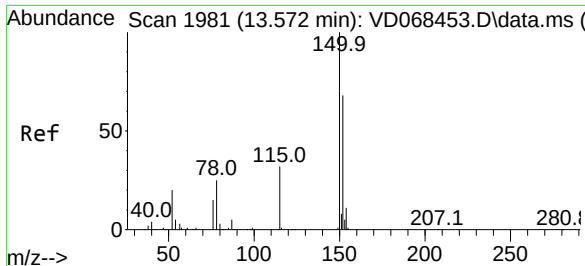
Tgt Ion: 95 Resp: 239333
Ion Ratio Lower Upper
95 100
174 85.7 0.0 172.4
176 84.2 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

Tgt Ion: 117 Resp: 556060
Ion Ratio Lower Upper
117 100
82 54.6 41.4 62.0
119 31.7 26.1 39.1

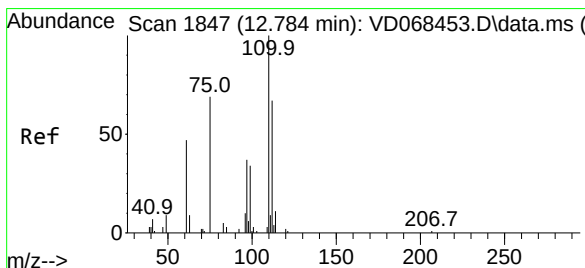
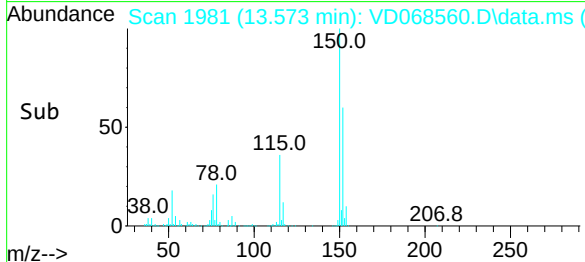
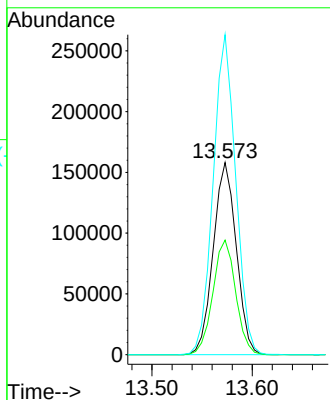
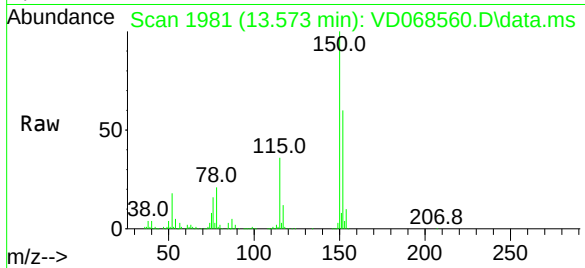




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.001 min
 Lab File: VD068560.D
 Acq: 08 Mar 2021 15:14

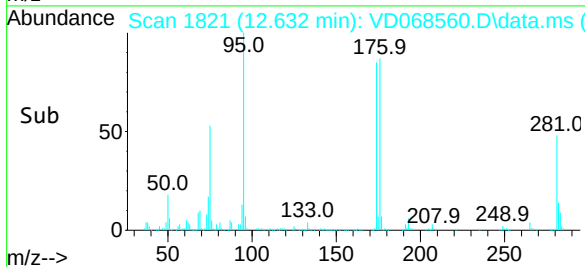
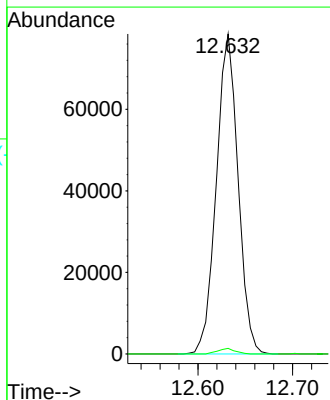
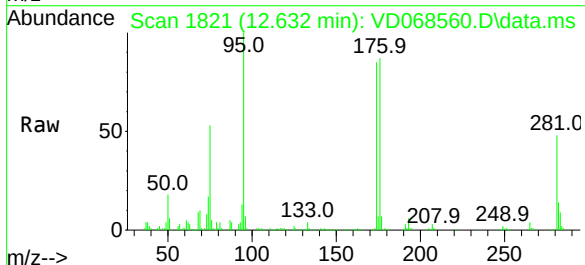
Instrument :
 MSVOA_D
 ClientSampleId :
 32-NORTH

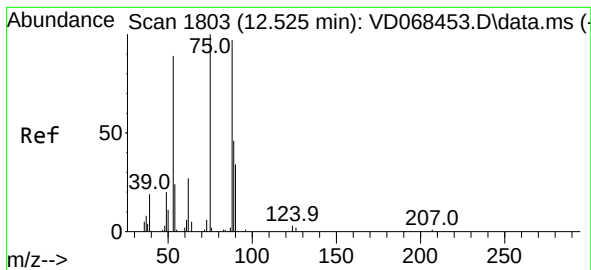
Tgt Ion:152 Resp: 252392
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.9 86.8
 150 163.0 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 55.81 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.152 min
 Lab File: VD068560.D
 Acq: 08 Mar 2021 15:14

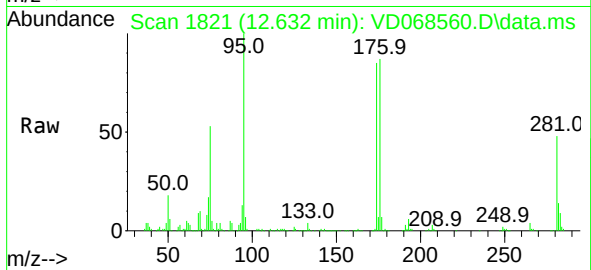
Tgt Ion: 75 Resp: 125059
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.25 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068560.D
 Acq: 08 Mar 2021 15:14

Instrument :
 MSVOA_D
 ClientSampleId :
 32-NORTH



Tgt Ion: 75 Resp: 125059
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.5 40.3 60.5#

