

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068324.D
 Acq On : 08 Feb 2021 18:08
 Operator : VA/SY
 Sample : M1341-02
 Misc : 3.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 00:17:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

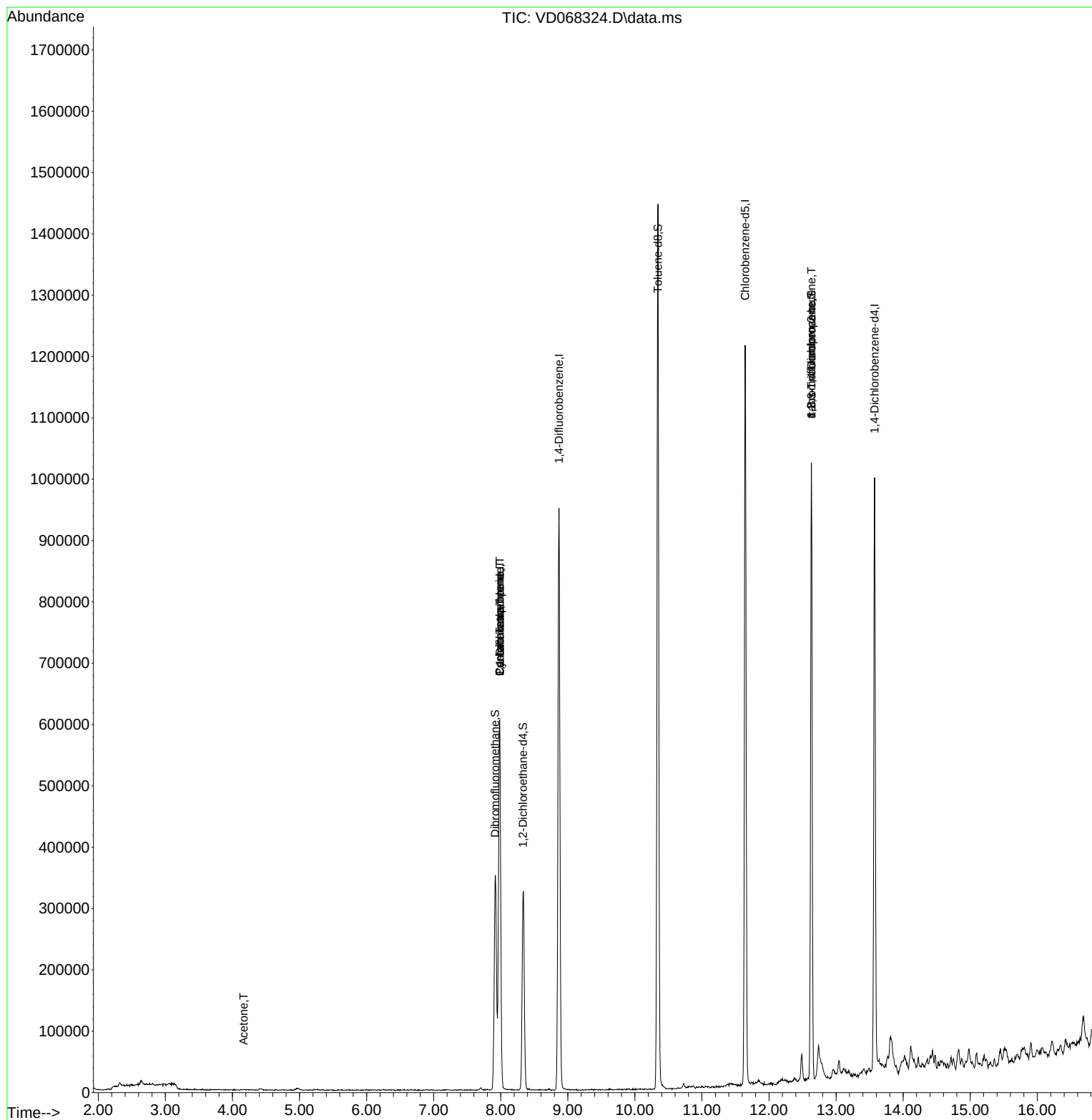
Internal Standards						
1) Pentafluorobenzene	7.985	168	466824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	856523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	716430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	264026	59.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.24%			
35) Dibromofluoromethane	7.914	113	259078	54.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.42%			
50) Toluene-d8	10.344	98	1010753	53.36	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.72%			
62) 4-Bromofluorobenzene	12.632	95	299227	43.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.74%			
Target Compounds						
11) Tert butyl alcohol	5.209	59	242	Below Cal	#	74
16) Acetone	4.168	43	1198	1.50	ug/l #	44
20) Methylene Chloride	4.968	84	2544	Below Cal	#	89
31) Cyclohexane	7.985	56	9732	1.01	ug/l #	7
36) 1,1-Dichloropropene	7.985	75	35810	4.15	ug/l #	47
38) Carbon Tetrachloride	7.985	117	46335	5.73	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	151198	60.09	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	151198	121.60	ug/l #	14

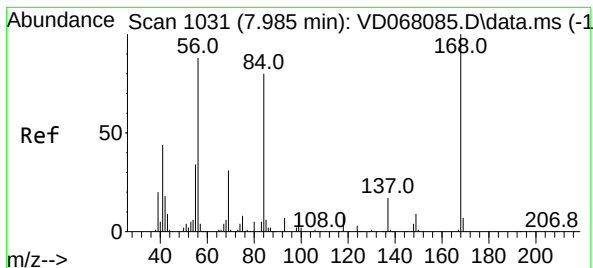
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
Data File : VD068324.D
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Operator : VA/SY
Sample : M1341-02
Misc : 3.32G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 09 00:17:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

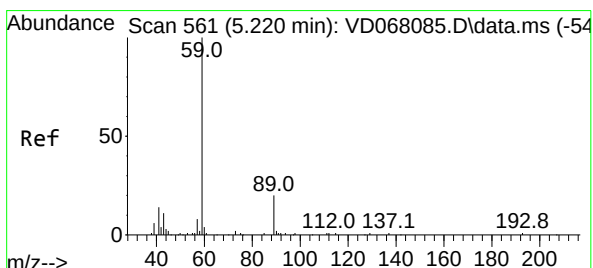
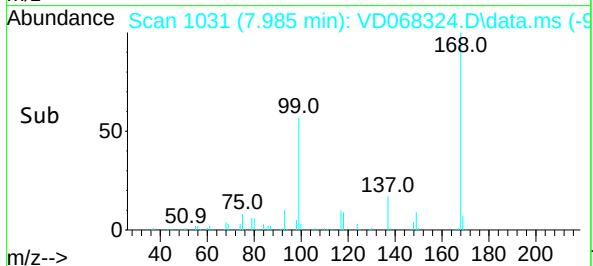
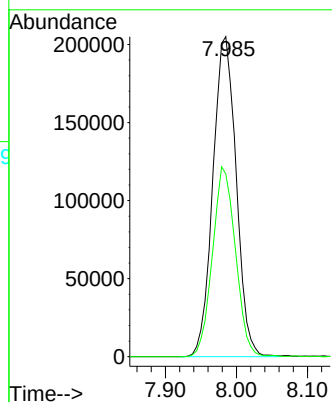
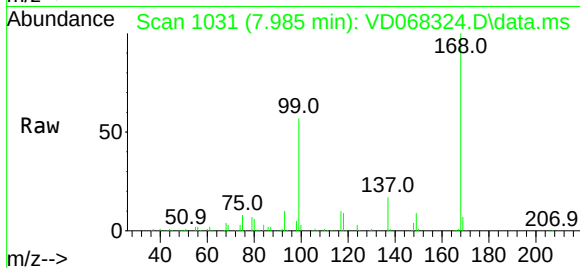




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

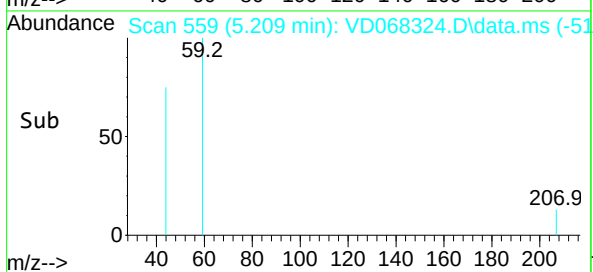
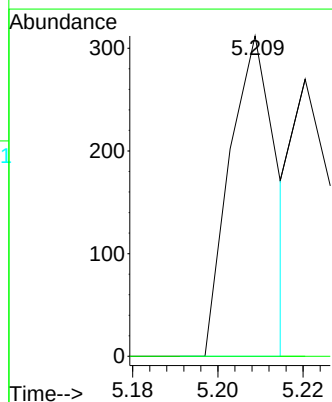
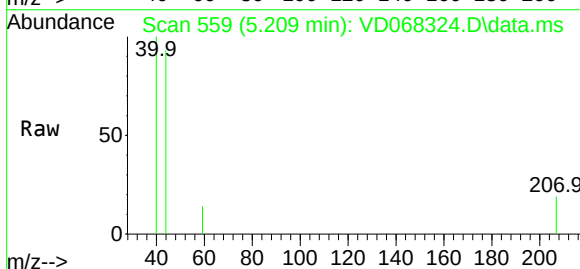
Instrument :
MSVOA_D
ClientSampled :

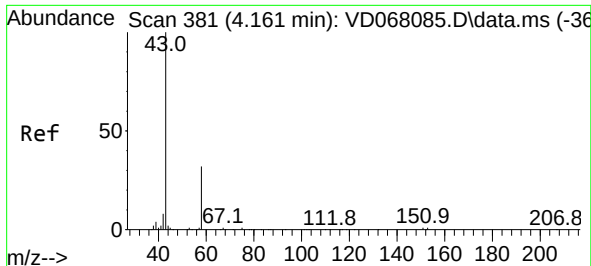
Tgt Ion:168 Resp: 466824
Ion Ratio Lower Upper
168 100
99 57.1 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Tgt Ion: 59 Resp: 242
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

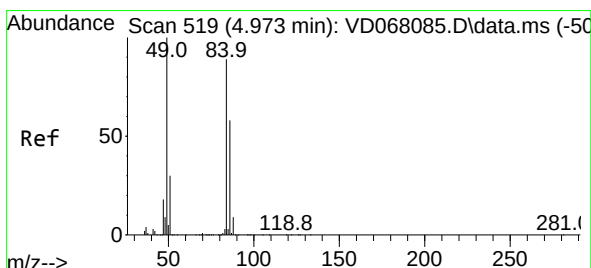
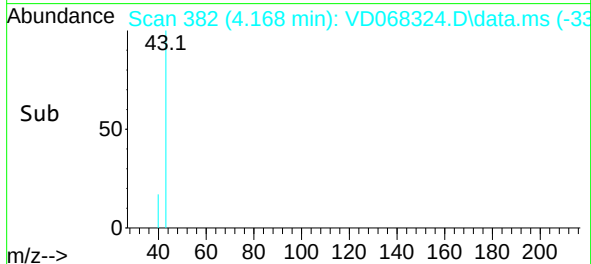
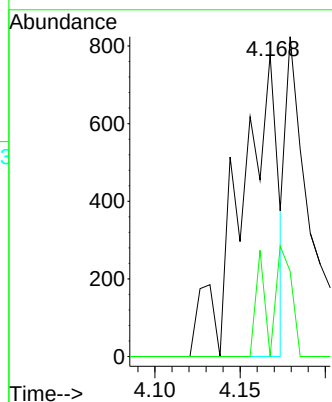
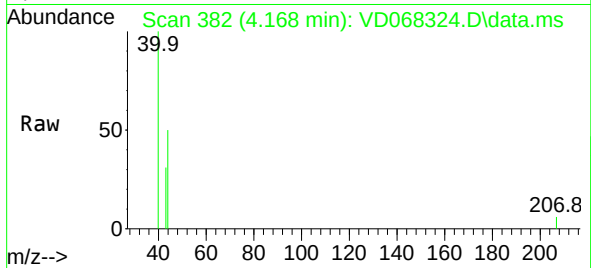




#16
Acetone
Concen: 1.50 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

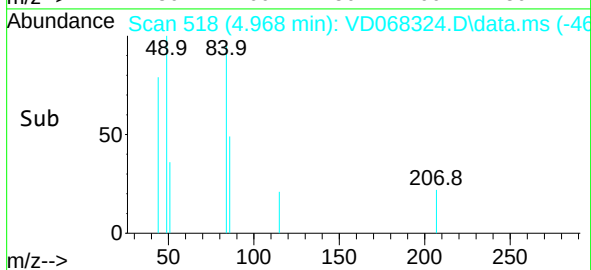
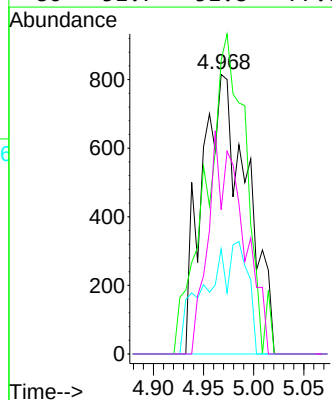
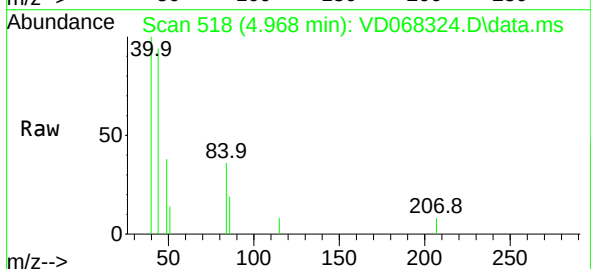
Instrument :
MSVOA_D
ClientSampled :

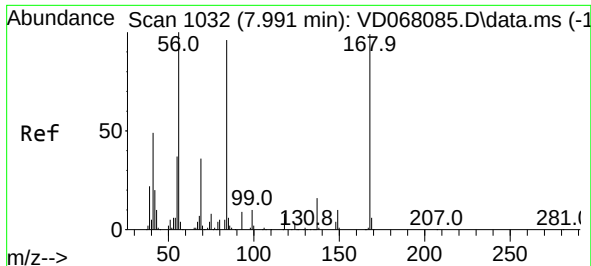
Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Tgt Ion: 84 Resp: 2544
Ion Ratio Lower Upper
84 100
49 105.0 77.4 116.2
51 37.5 26.1 39.1
86 51.7 51.8 77.8#

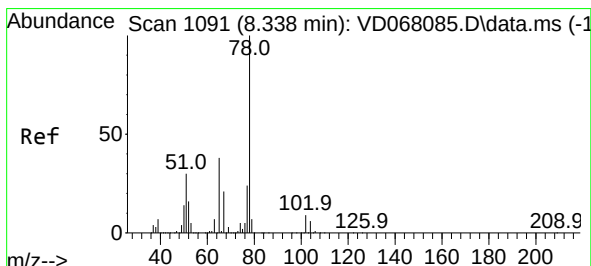
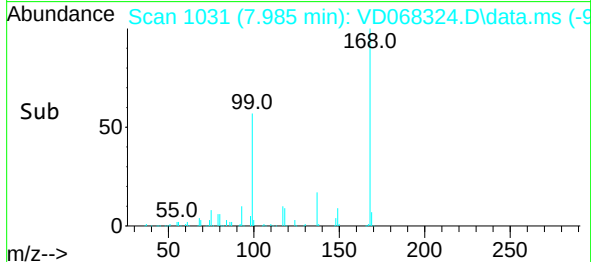
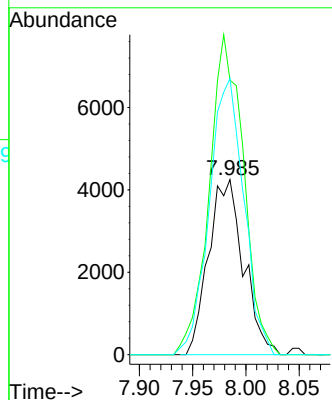
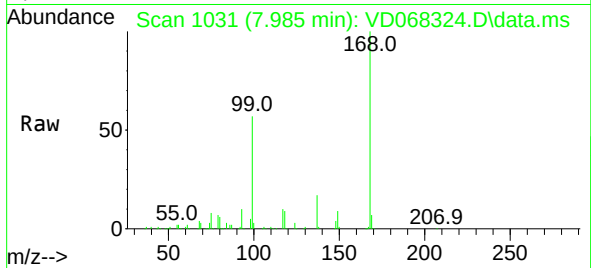




#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

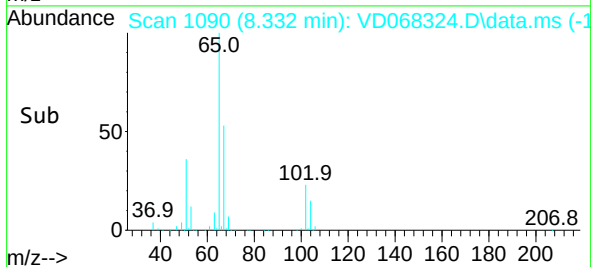
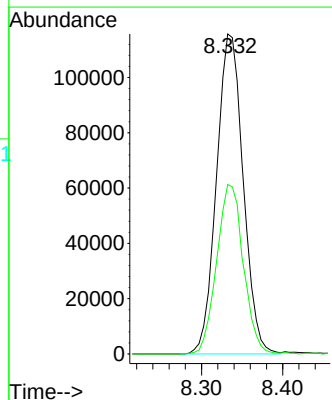
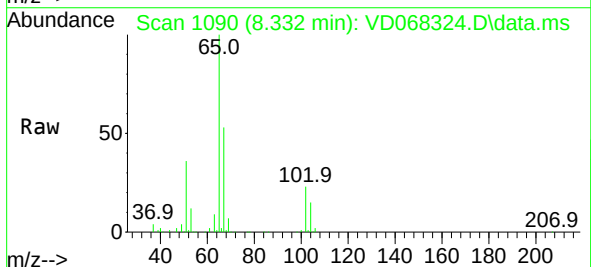
Instrument :
MSVOA_D
ClientSampled :

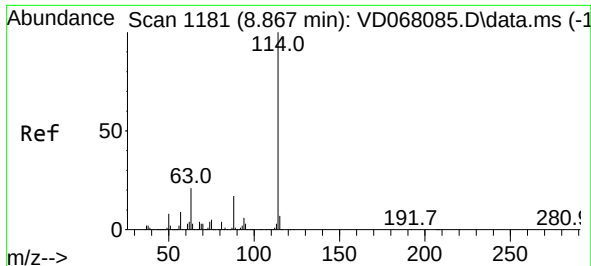
Tgt Ion: 56 Resp: 9732
Ion Ratio Lower Upper
56 100
69 156.9 30.1 45.1#
84 157.7 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 59.12 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.005 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Tgt Ion: 65 Resp: 264026
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0

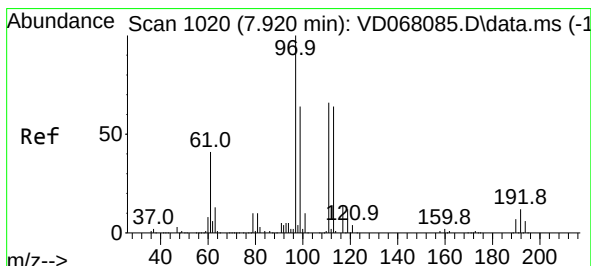
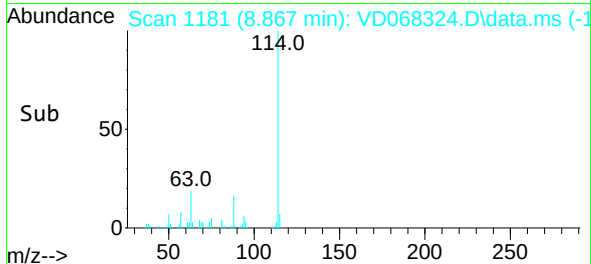
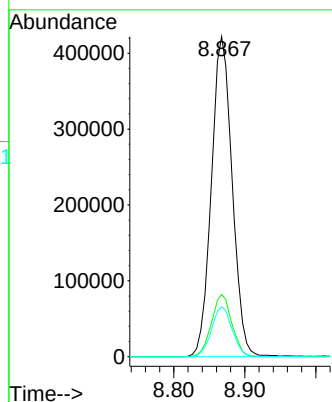
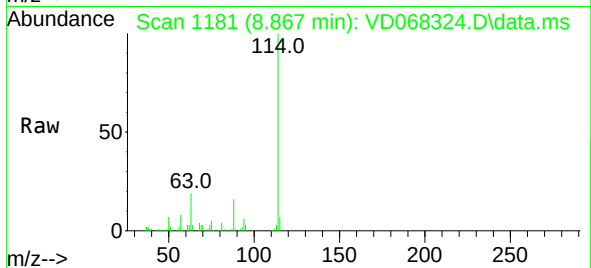




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

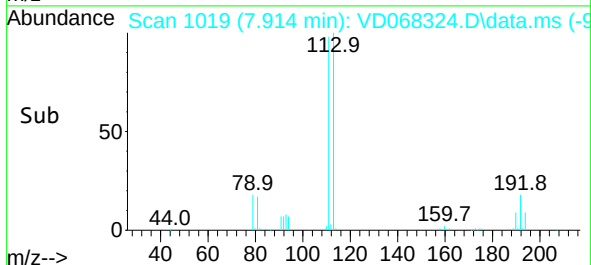
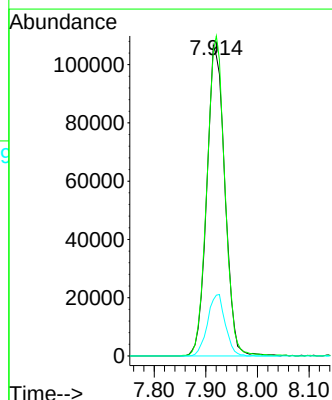
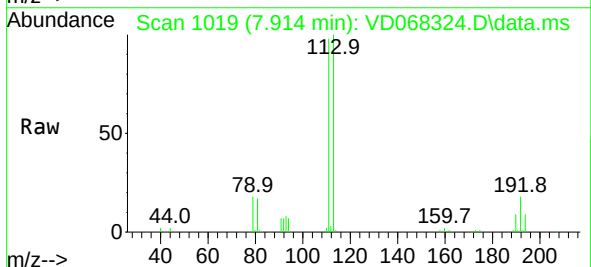
Instrument :
MSVOA_D
ClientSampled :

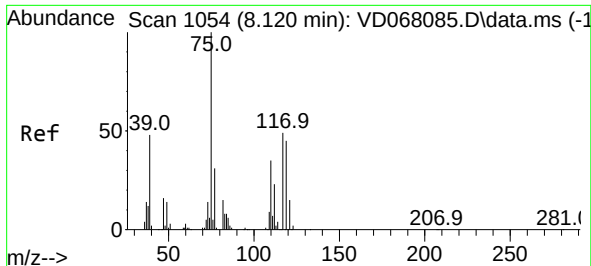
Tgt Ion:114 Resp: 856523
Ion Ratio Lower Upper
114 100
63 19.4 0.0 34.8
88 15.6 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.71 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Tgt Ion:113 Resp: 259078
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 19.3 16.1 24.1

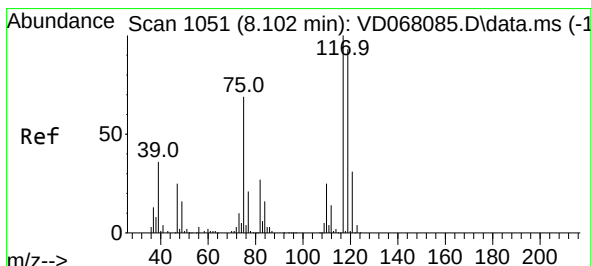
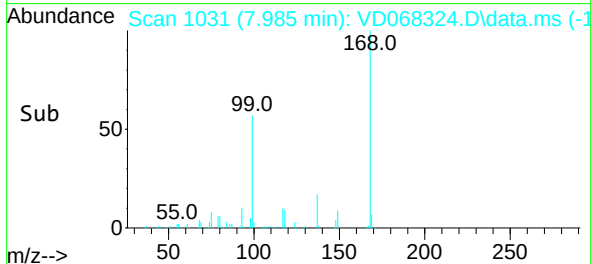
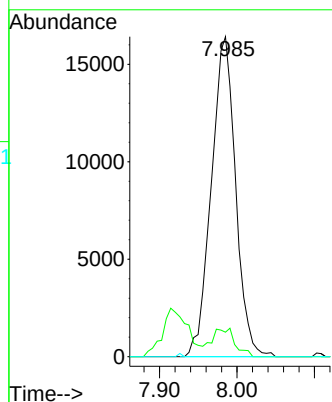
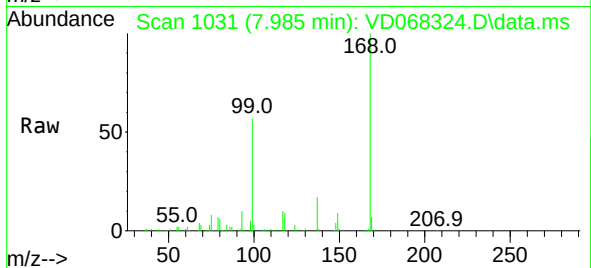




#36
1,1-Dichloropropene
Concen: 4.15 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

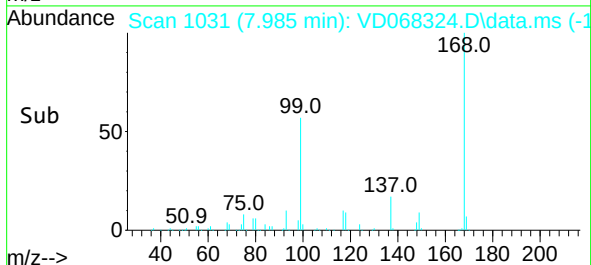
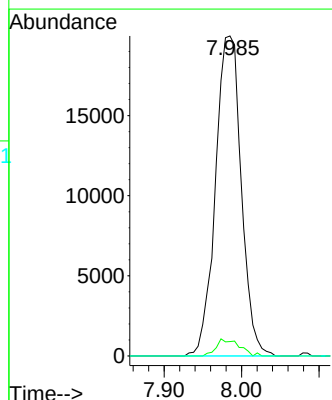
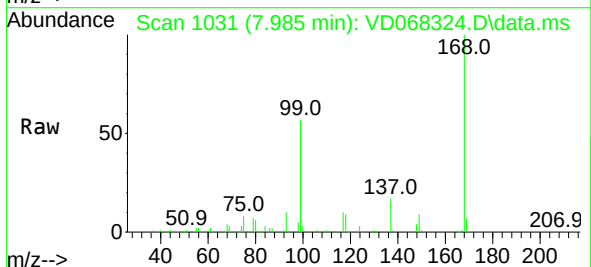
Instrument :
MSVOA_D
ClientSampled :

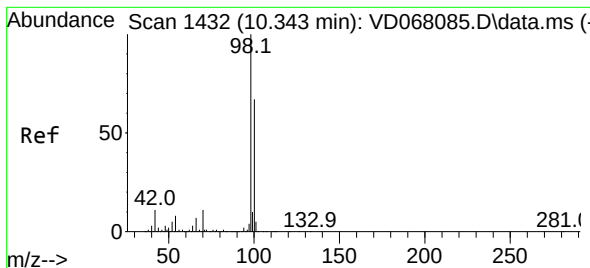
Tgt Ion: 75 Resp: 35810
Ion Ratio Lower Upper
75 100
110 8.4 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Tgt Ion: 117 Resp: 46335
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.7 37.1#

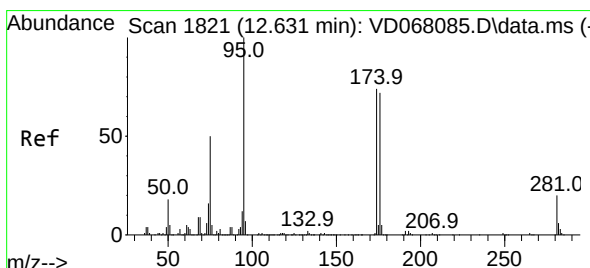
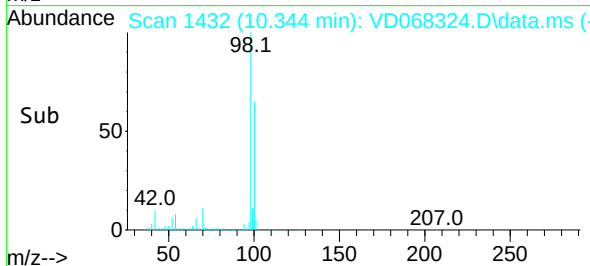
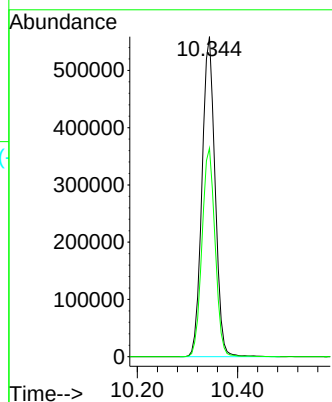
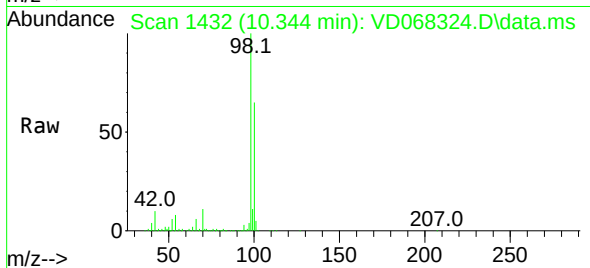




#50
Toluene-d8
Concen: 53.36 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

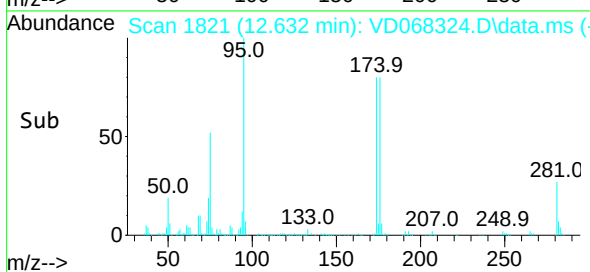
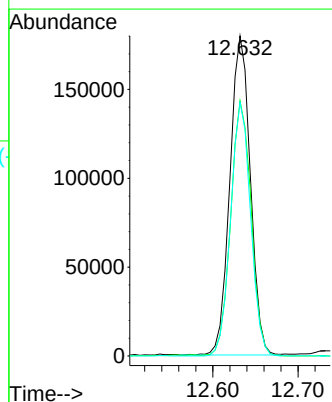
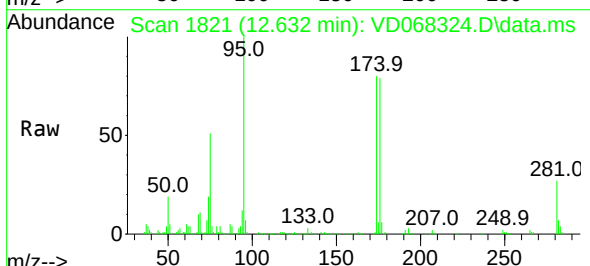
Instrument :
MSVOA_D
ClientSampled :

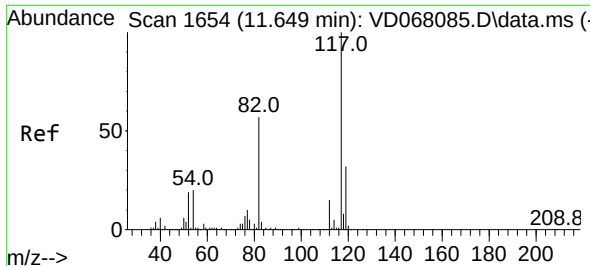
Tgt Ion: 98 Resp: 1010753
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 43.87 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Tgt Ion: 95 Resp: 299227
Ion Ratio Lower Upper
95 100
174 79.8 0.0 172.4
176 77.5 0.0 168.4

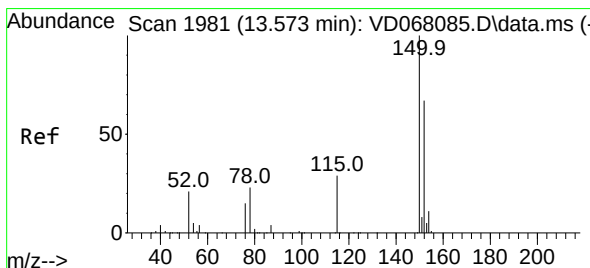
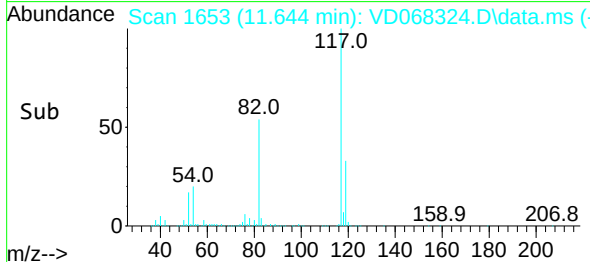
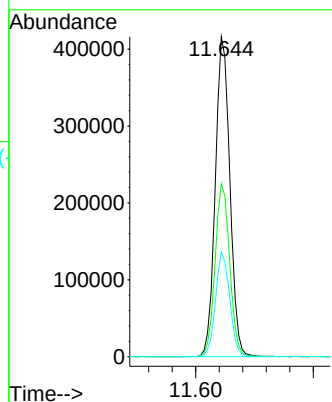
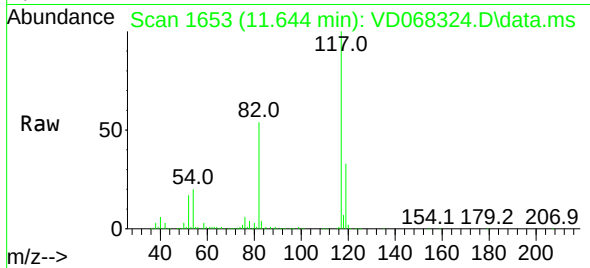




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

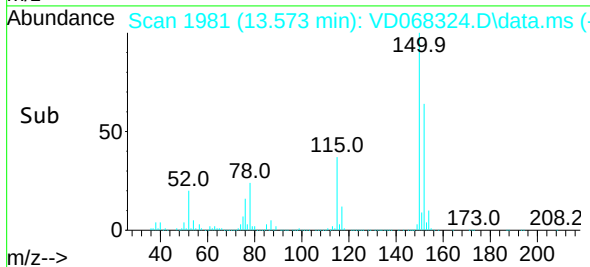
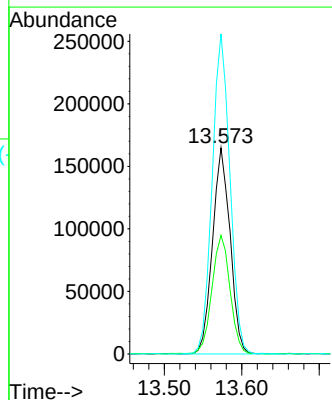
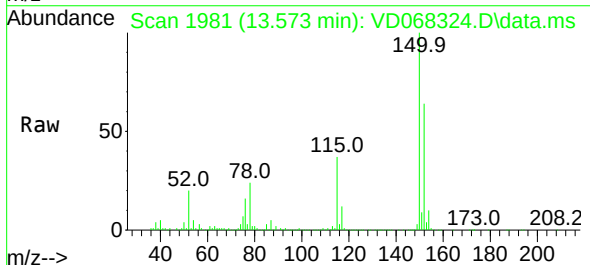
Instrument :
MSVOA_D
ClientSampleId :

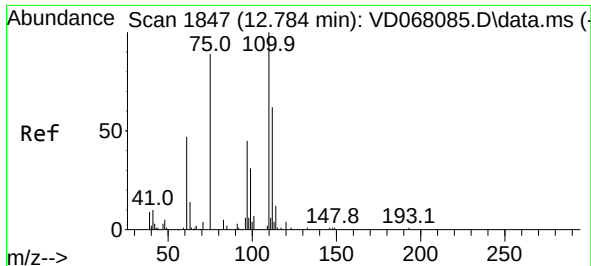
Tgt Ion:117 Resp: 716430
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.0
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Tgt Ion:152 Resp: 260224
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 156.2 0.0 344.4

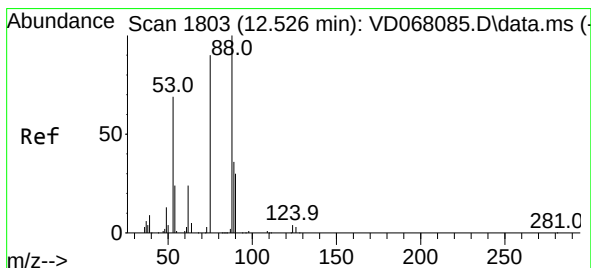
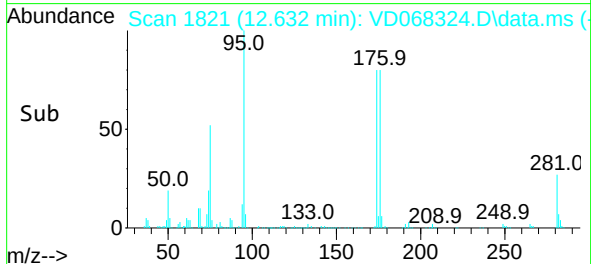
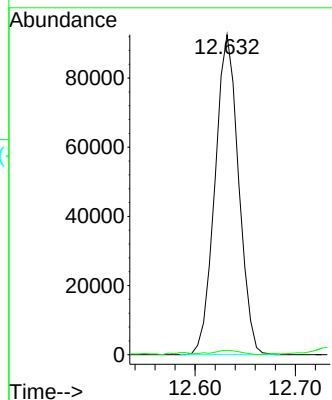
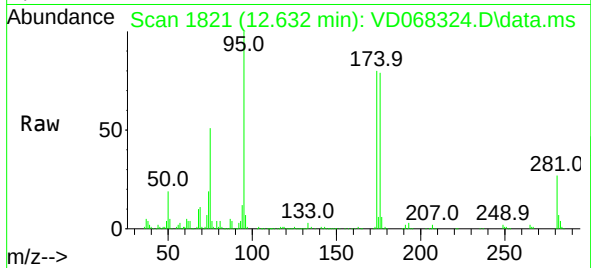




#76
1,2,3-Trichloropropane
Concen: 60.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 151198
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Tgt Ion: 75 Resp: 151198
Ion Ratio Lower Upper
75 100
53 0.3 70.2 105.2#
89 0.6 40.3 60.5#

