

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033021\
 Data File : VD068724.D
 Acq On : 30 Mar 2021 13:10
 Operator : VA/SY
 Sample : M1828-04RE
 Misc : 7.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 31 01:00:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

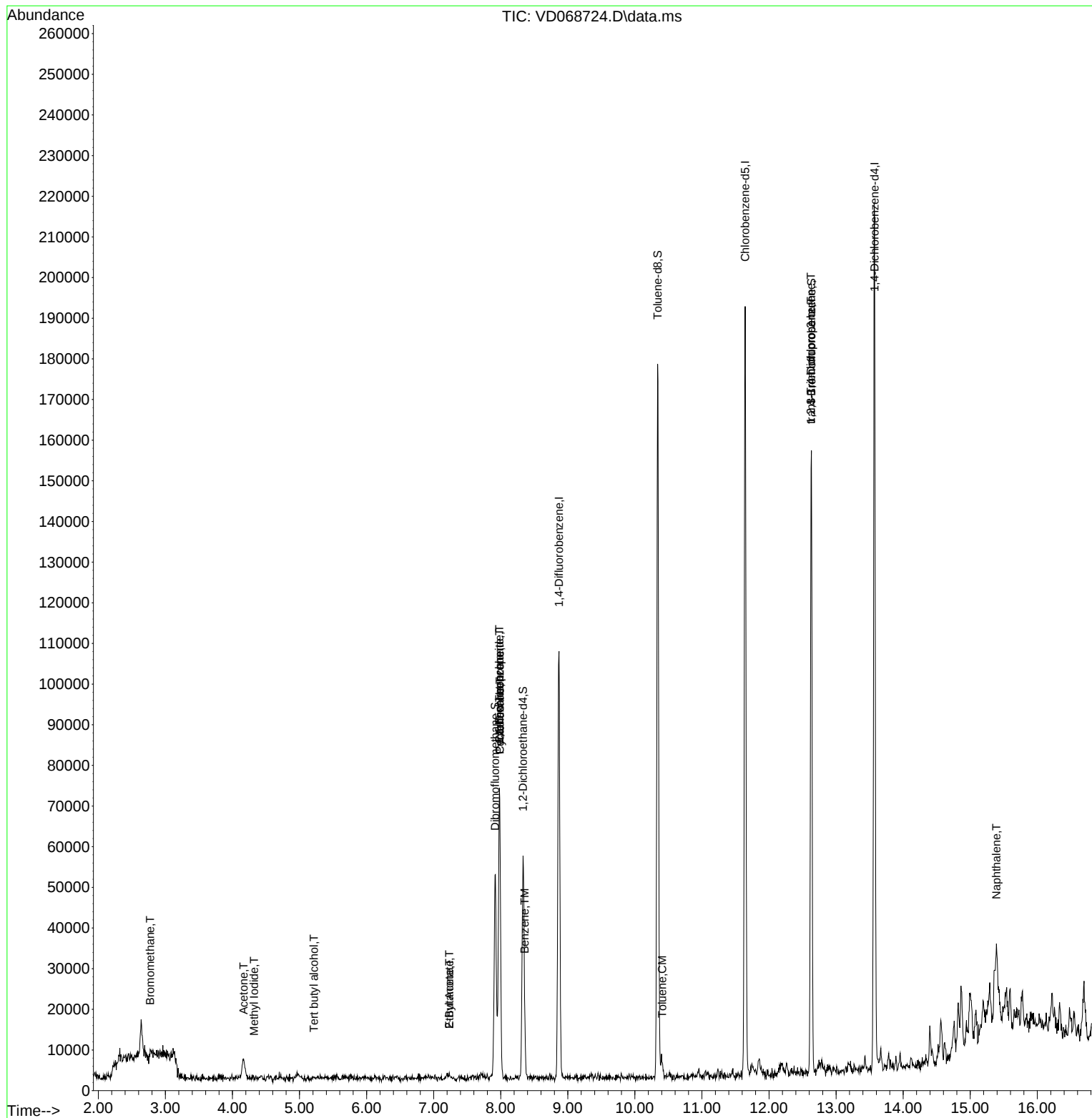
Internal Standards						
1) Pentafluorobenzene	7.985	168	54393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	98728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	115802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	59453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	42245	77.02	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 154.04%			
35) Dibromofluoromethane	7.914	113	34572	56.28	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.56%			
50) Toluene-d8	10.338	98	122933	51.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.82%			
62) 4-Bromofluorobenzene	12.632	95	51860	67.54	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 135.08%			
Target Compounds					Qvalue	
5) Bromomethane	2.773	94	730	1.60	ug/l	86
10) Methyl Iodide	4.320	142	354	4.10	ug/l #	41
11) Tert butyl alcohol	5.215	59	177	7.00	ug/l #	73
16) Acetone	4.168	43	8552	128.52	ug/l #	88
20) Methylene Chloride	4.962	84	696	Below Cal	#	34
25) 2-Butanone	7.232	43	1845	16.73	ug/l	96
31) Cyclohexane	7.985	56	1073	1.21	ug/l #	36
36) 1,1-Dichloropropene	7.979	75	4764	5.40	ug/l #	43
37) Ethyl Acetate	7.232	43	1845	6.63	ug/l #	64
38) Carbon Tetrachloride	7.979	117	5610	6.37	ug/l #	17
40) Benzene	8.356	78	4113	1.60	ug/l #	53
52) Toluene	10.408	92	2237	1.37	ug/l	89
76) 1,2,3-Trichloropropane	12.626	75	25120	50.76	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	25120	115.49	ug/l #	16
95) Naphthalene	15.390	128	17681	9.58	ug/l	97

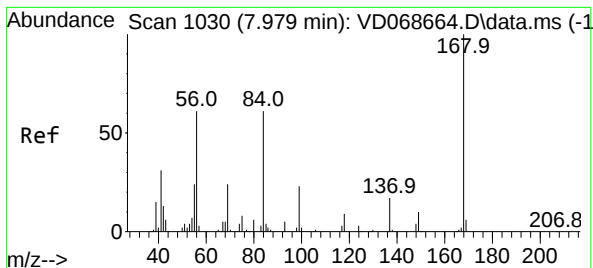
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068724.D
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Operator : VA/SY
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Misc : 7.00G/5.00ml/MSVOA_D/SOIL
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Instrument :
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Quant Time: Mar 31 01:00:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

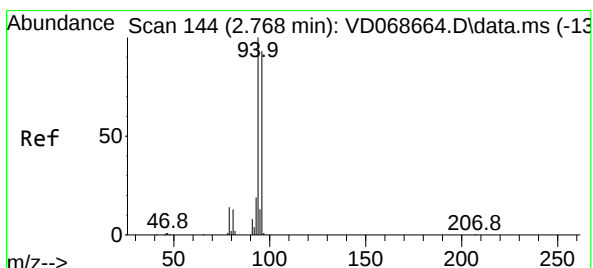
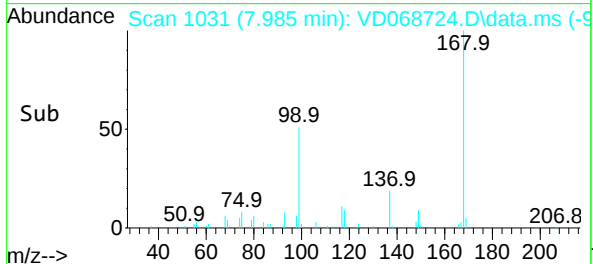
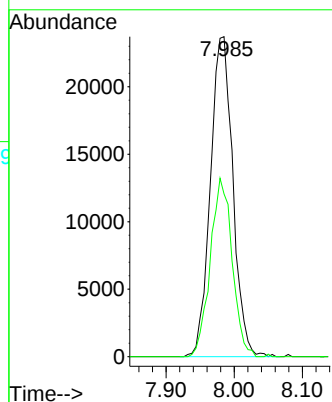
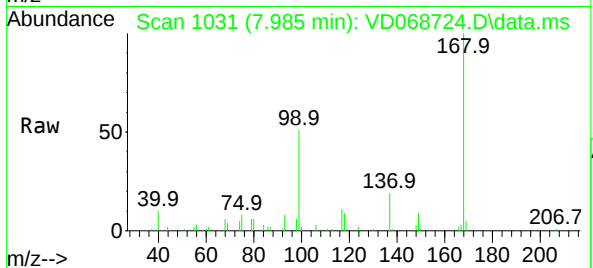




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

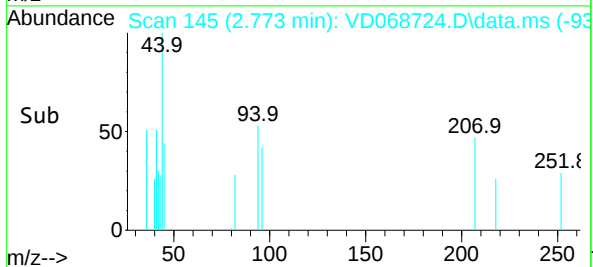
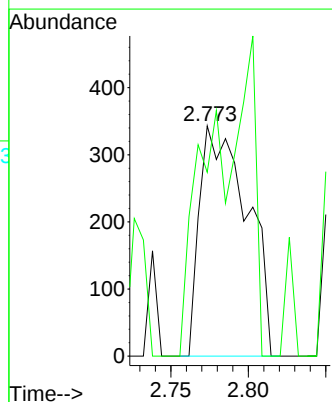
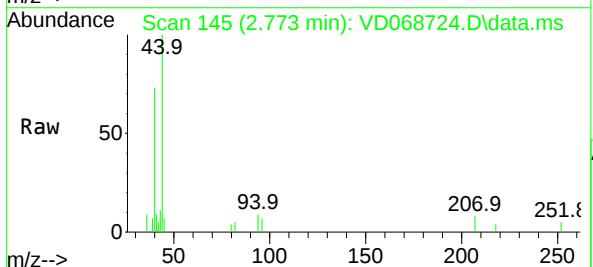
Instrument :
MSVOA_D
ClientSampled :

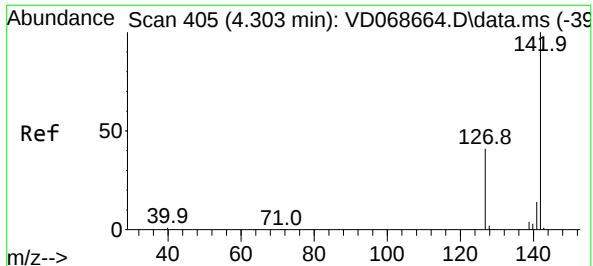
Tgt Ion:168 Resp: 54393
Ion Ratio Lower Upper
168 100
99 50.8 46.2 69.2



#5
Bromomethane
Concen: 1.60 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

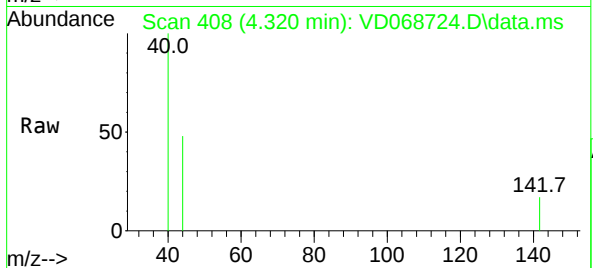
Tgt Ion: 94 Resp: 730
Ion Ratio Lower Upper
94 100
96 79.9 74.7 112.1



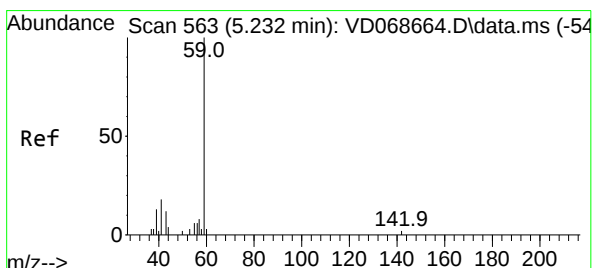
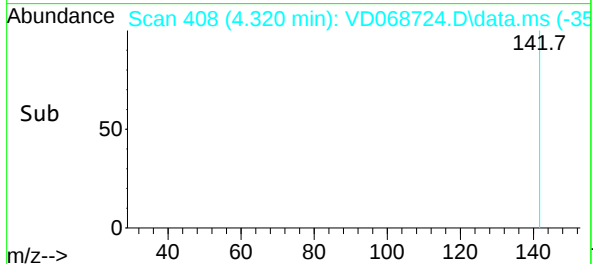
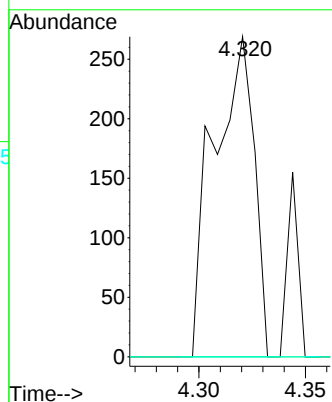


#10
Methyl Iodide
Concen: 4.10 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Instrument :
MSVOA_D
ClientSampled :

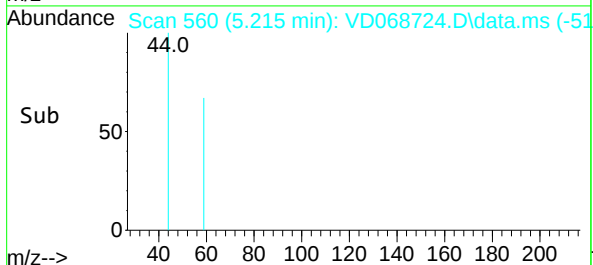
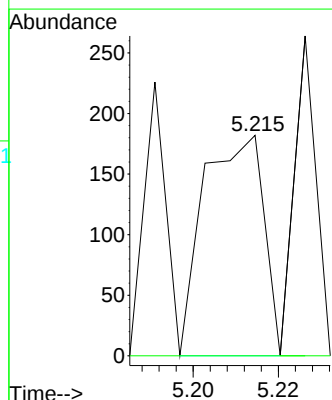
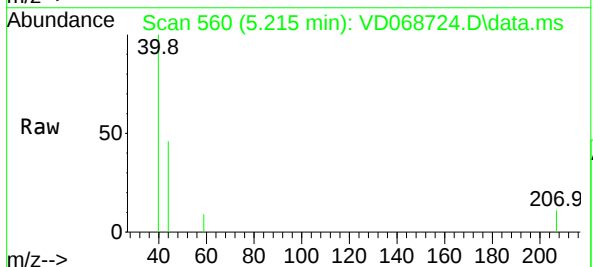


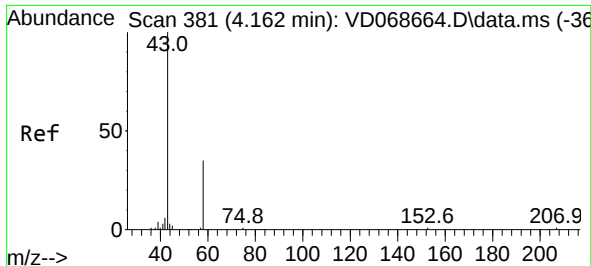
Tgt Ion:142 Resp: 354
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



#11
Tert butyl alcohol
Concen: 7.00 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.018 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

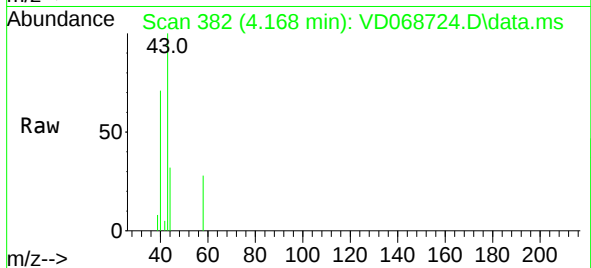
Tgt Ion: 59 Resp: 177
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



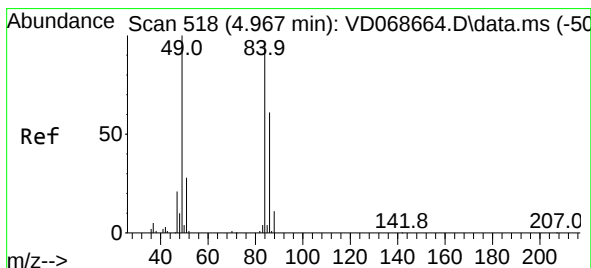
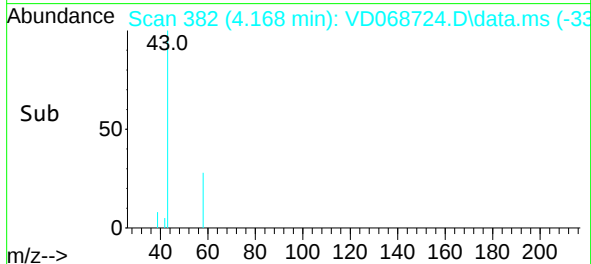
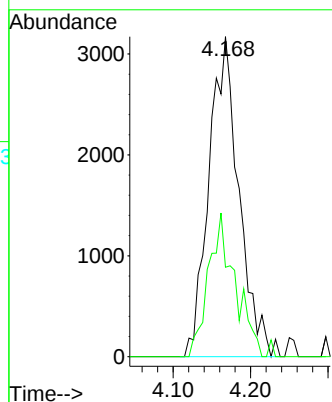


#16
Acetone
Concen: 128.52 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Instrument :
MSVOA_D
ClientSampled :

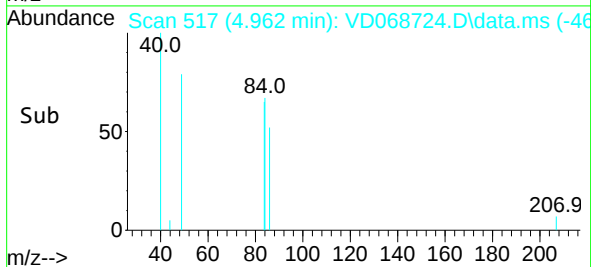
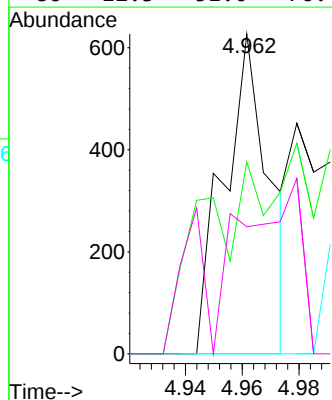
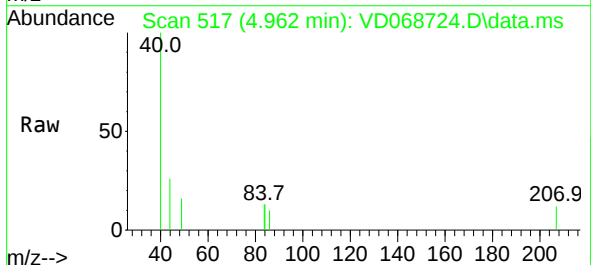


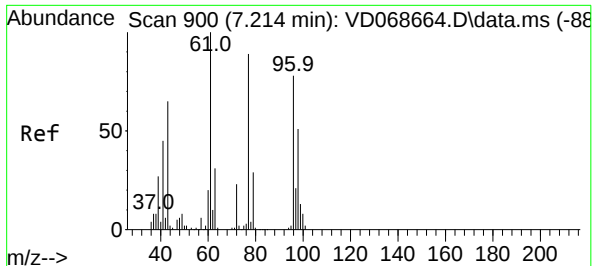
Tgt Ion: 43 Resp: 8552
Ion Ratio Lower Upper
43 100
58 28.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion: 84 Resp: 696
Ion Ratio Lower Upper
84 100
49 33.5 83.4 125.0#
51 0.0 23.4 35.2#
86 12.3 51.0 76.4#

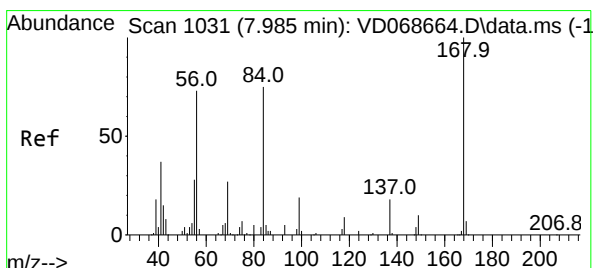
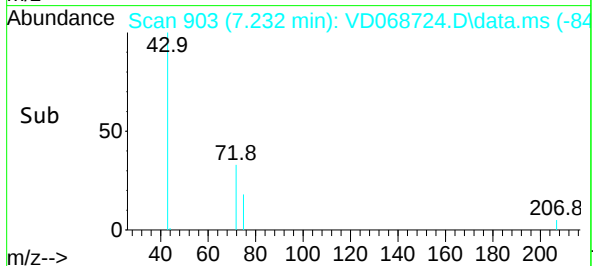
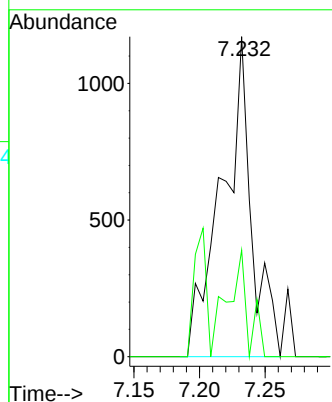
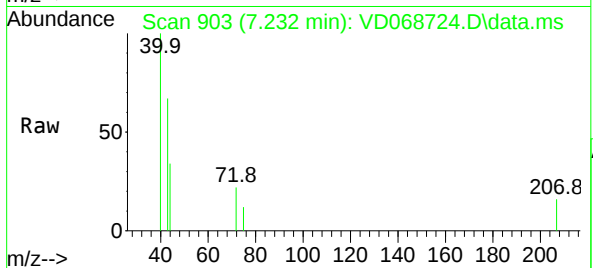




#25
2-Butanone
Concen: 16.73 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.018 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

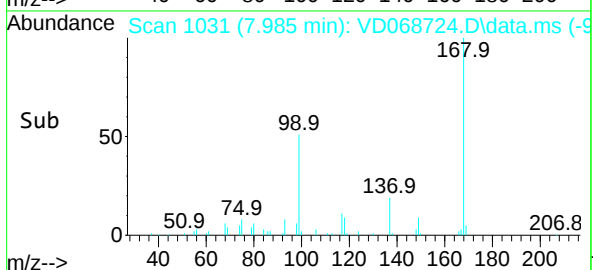
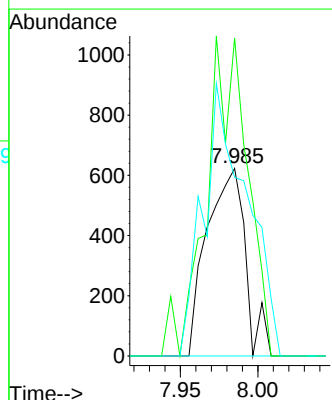
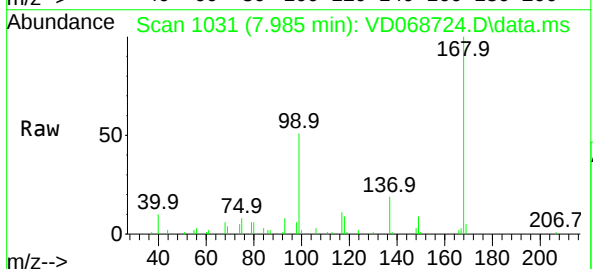
Instrument :
MSVOA_D
ClientSampled :

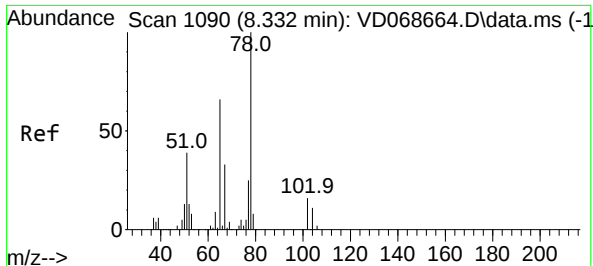
Tgt Ion: 43 Resp: 1845
Ion Ratio Lower Upper
43 100
72 33.3 28.6 43.0



#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion: 56 Resp: 1073
Ion Ratio Lower Upper
56 100
69 169.5 30.0 45.0#
84 95.2 82.0 123.0

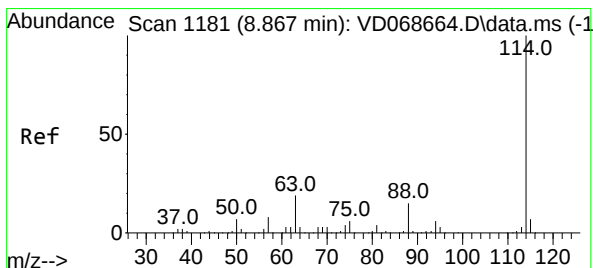
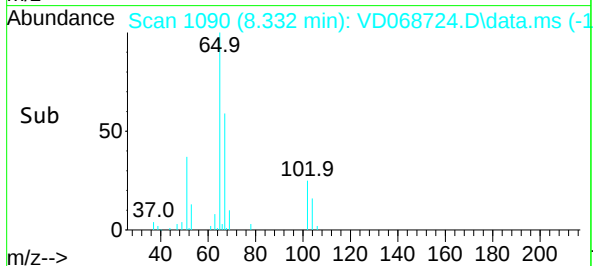
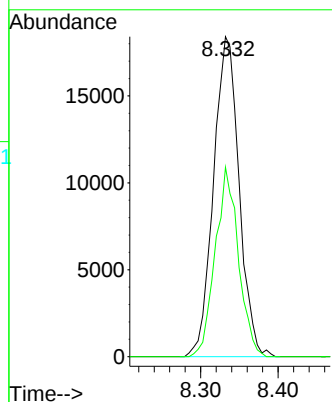
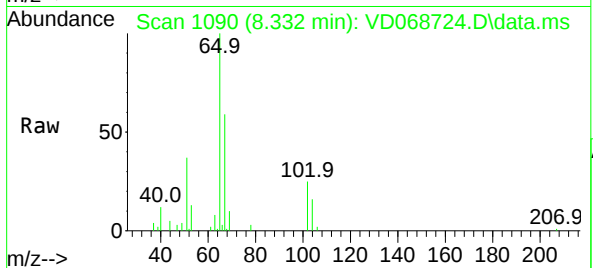




#33
1,2-Dichloroethane-d4
Concen: 77.02 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

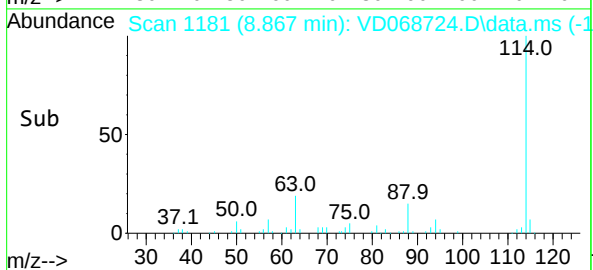
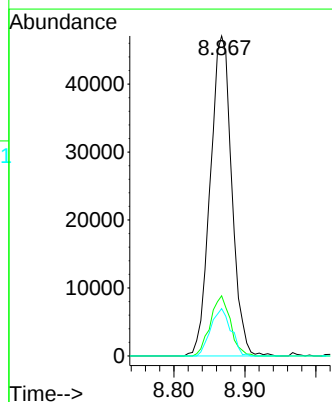
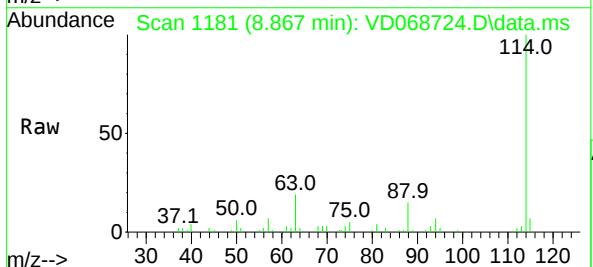
Instrument :
MSVOA_D
ClientSampleId :

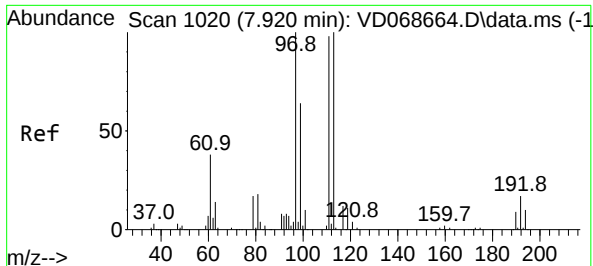
Tgt Ion: 65 Resp: 42245
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion: 114 Resp: 98728
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.2
88 14.8 0.0 29.4

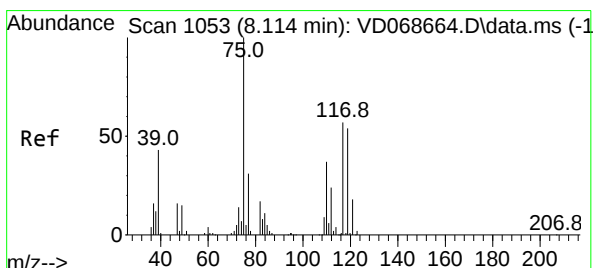
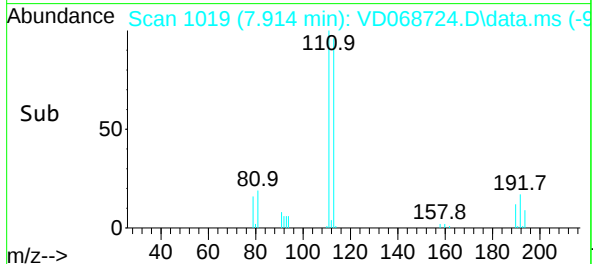
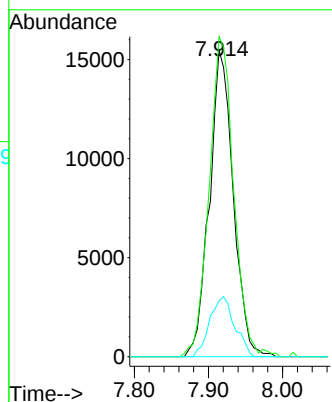
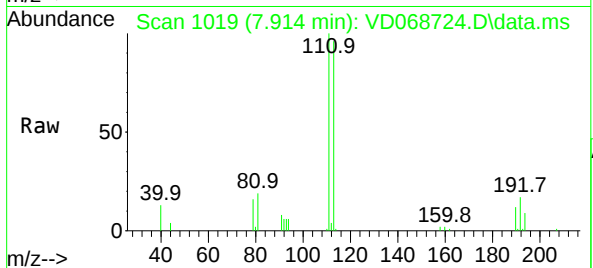




#35
Dibromofluoromethane
Concen: 56.28 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

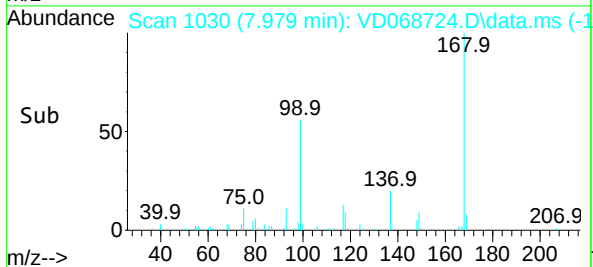
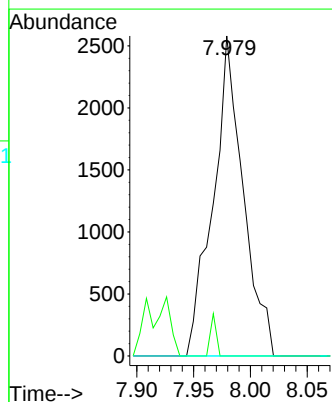
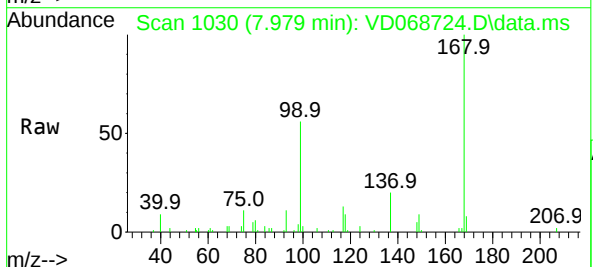
Instrument :
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ClientSampleId :

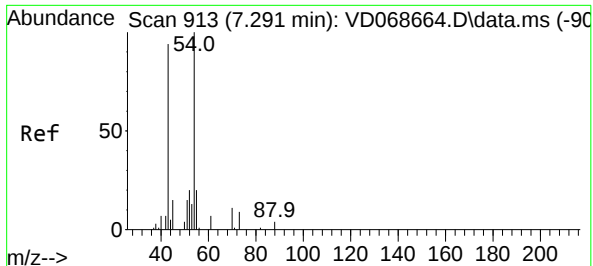
Tgt Ion:113 Resp: 34572
Ion Ratio Lower Upper
113 100
111 107.8 82.5 123.7
192 20.5 15.1 22.7



#36
1,1-Dichloropropene
Concen: 5.40 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

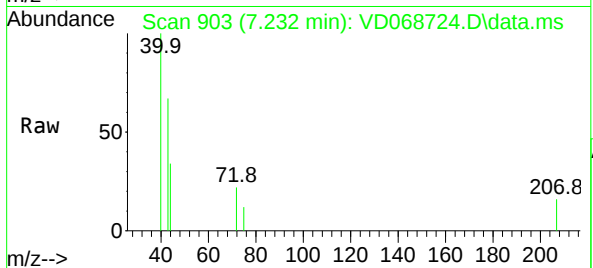
Tgt Ion: 75 Resp: 4764
Ion Ratio Lower Upper
75 100
110 2.5 18.1 54.4#
77 0.0 24.7 37.1#



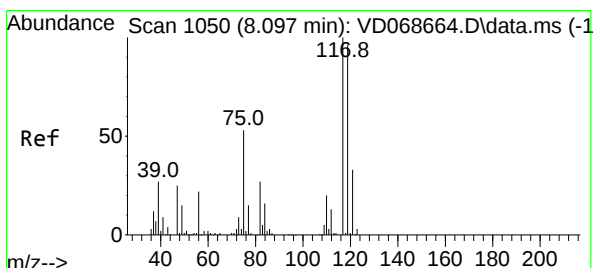
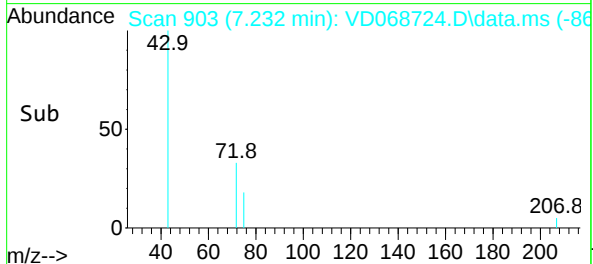
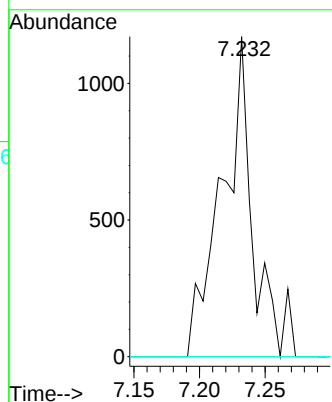


#37
Ethyl Acetate
Concen: 6.63 ug/l
RT: 7.232 min Scan# 903
Delta R.T. -0.059 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Instrument :
MSVOA_D
ClientSampleId :

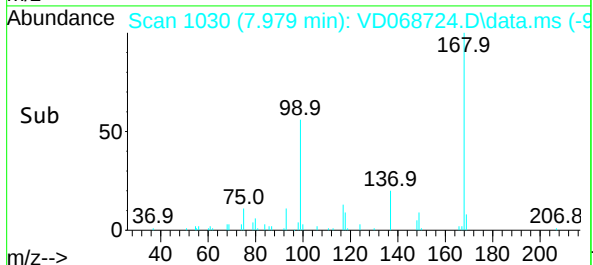
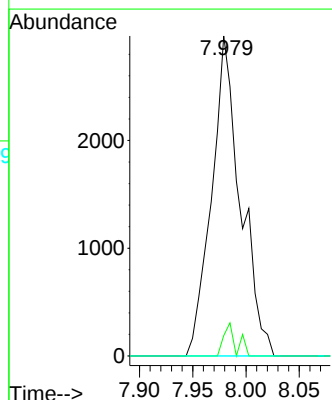
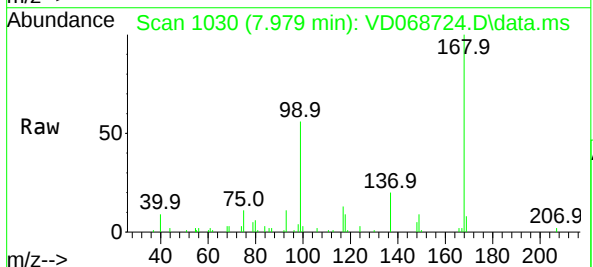


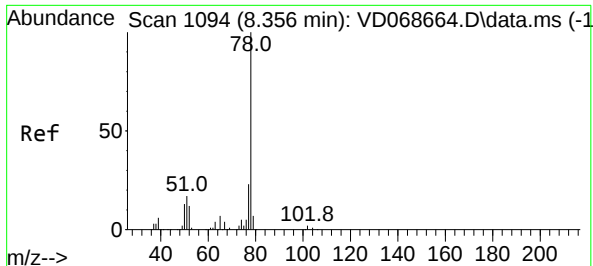
Tgt Ion: 43 Resp: 1845
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 6.37 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion: 117 Resp: 5610
Ion Ratio Lower Upper
117 100
119 6.4 76.6 115.0#
121 0.0 26.1 39.1#

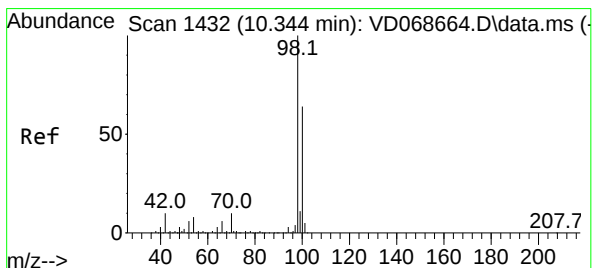
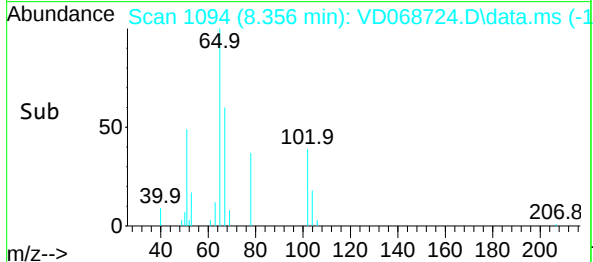
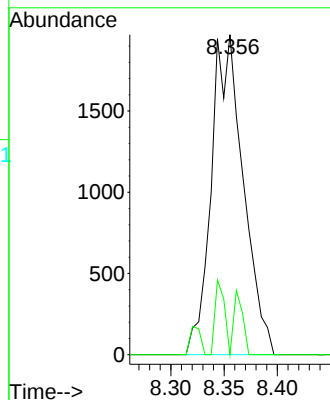
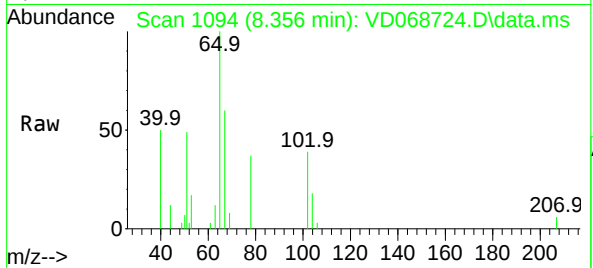




#40
Benzene
Concen: 1.60 ug/l
RT: 8.356 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

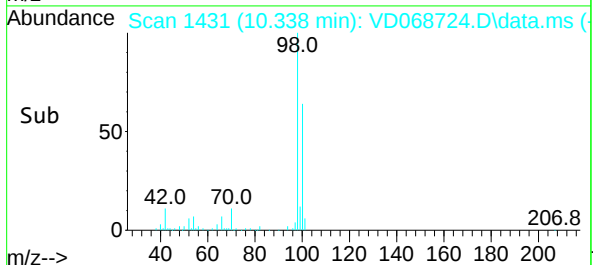
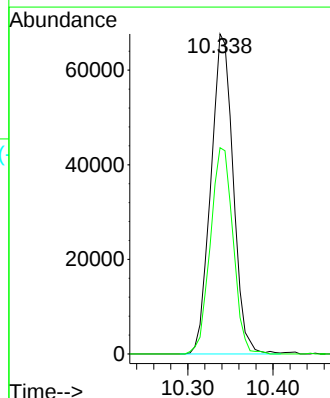
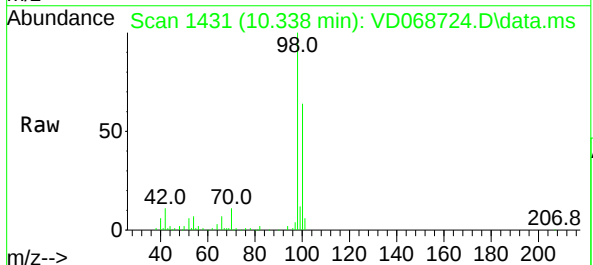
Instrument :
MSVOA_D
ClientSampled :

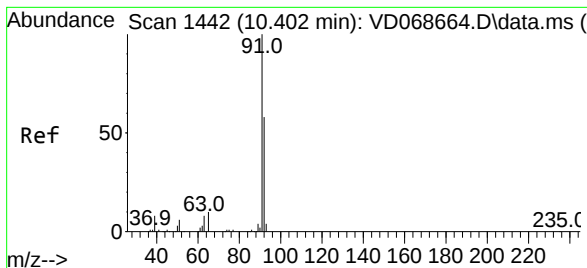
Tgt Ion: 78 Resp: 4113
Ion Ratio Lower Upper
78 100
77 0.0 18.2 27.2#



#50
Toluene-d8
Concen: 51.91 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion: 98 Resp: 122933
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6





#52

Toluene

Concen: 1.37 ug/l

RT: 10.408 min Scan# 1443

Delta R.T. 0.006 min

Lab File: VD068724.D

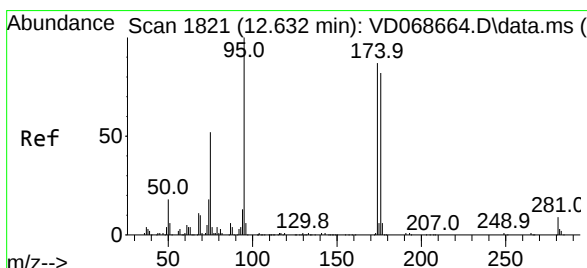
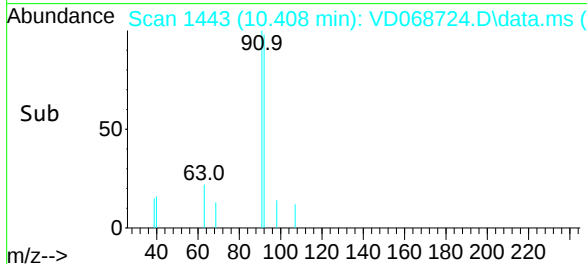
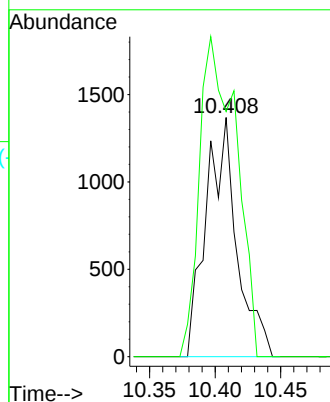
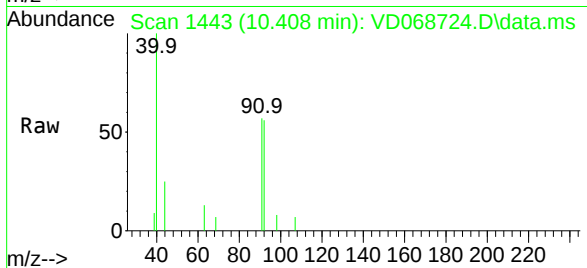
Acq: 30 Mar 2021 13:10

Tgt Ion: 92 Resp: 2237

Ion Ratio Lower Upper

92 100

91 158.8 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 67.54 ug/l

RT: 12.632 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD068724.D

Acq: 30 Mar 2021 13:10

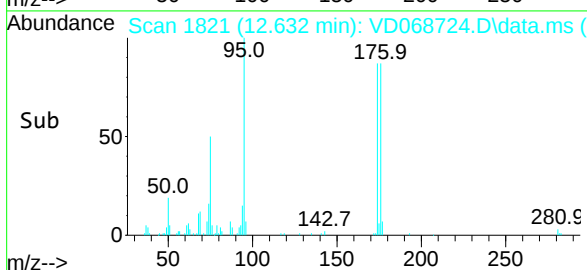
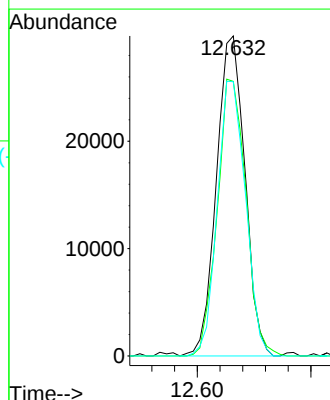
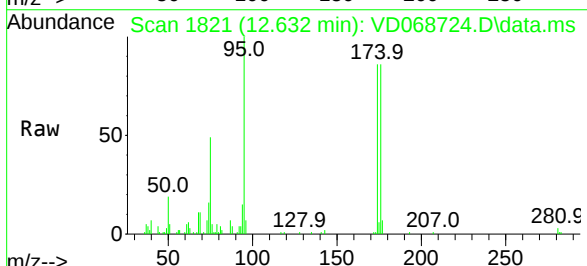
Tgt Ion: 95 Resp: 51860

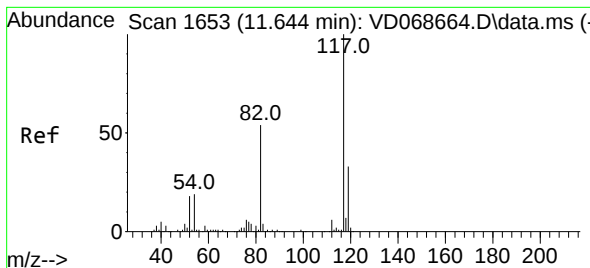
Ion Ratio Lower Upper

95 100

174 86.9 0.0 168.0

176 84.8 0.0 160.2

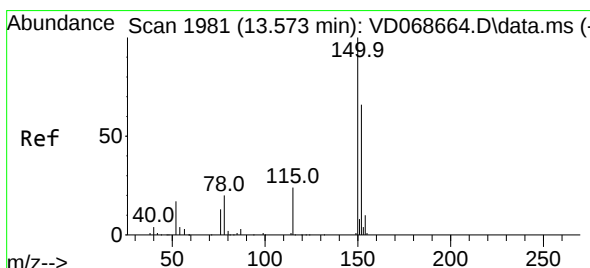
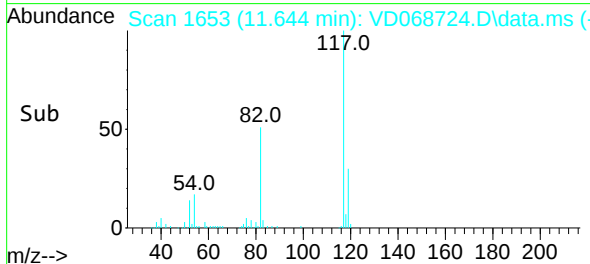
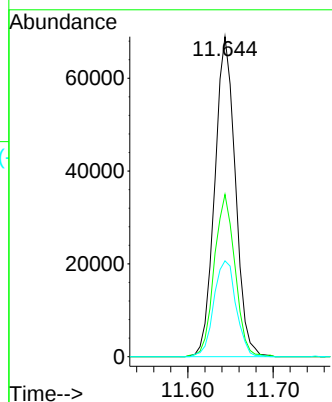
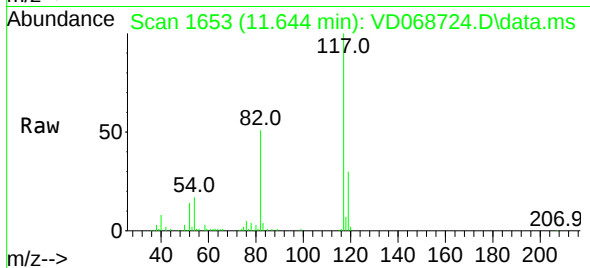




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

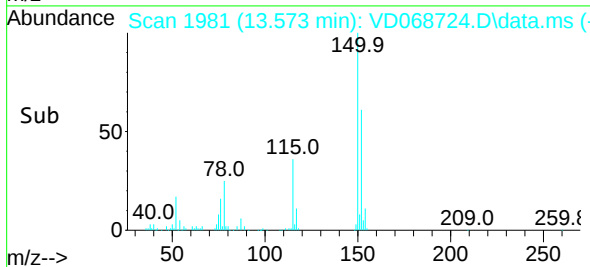
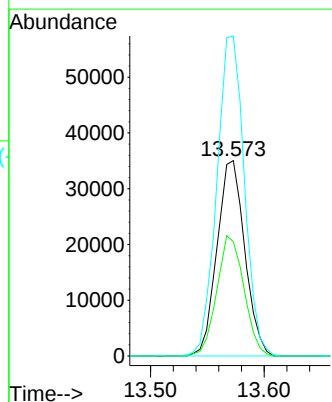
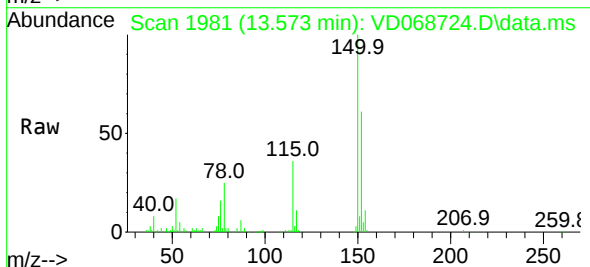
Instrument :
MSVOA_D
ClientSampleId :

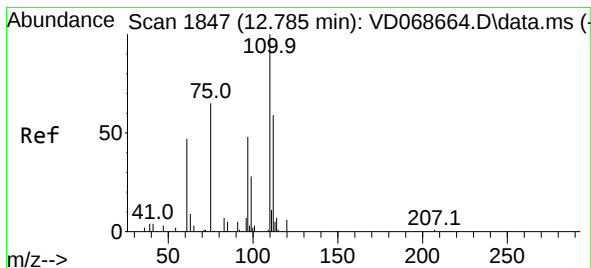
Tgt Ion:117 Resp: 115802
Ion Ratio Lower Upper
117 100
82 50.7 43.5 65.3
119 30.0 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion:152 Resp: 59453
Ion Ratio Lower Upper
152 100
115 60.2 29.3 87.8
150 162.7 0.0 347.6

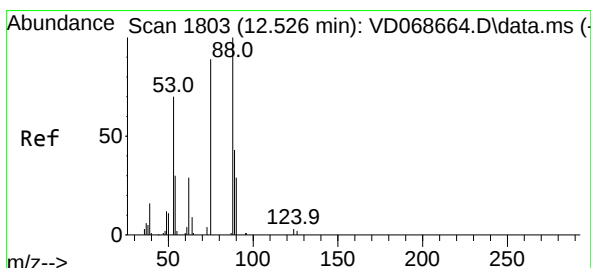
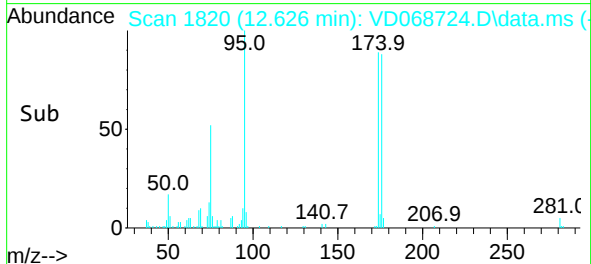
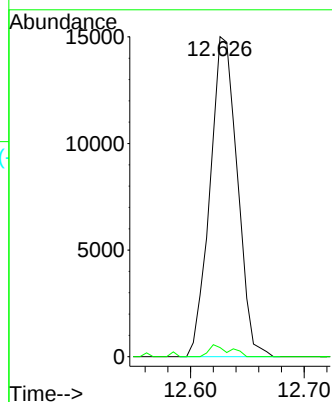
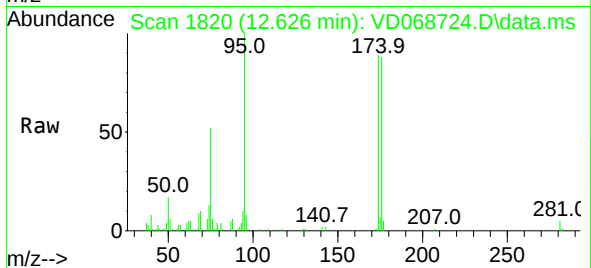




#76
1,2,3-Trichloropropane
Concen: 50.76 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.159 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

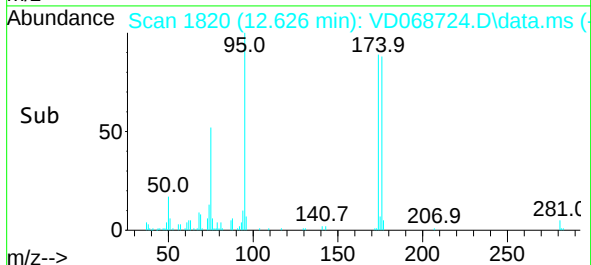
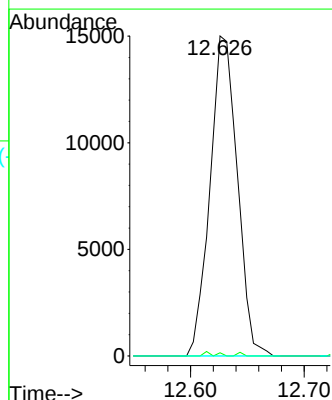
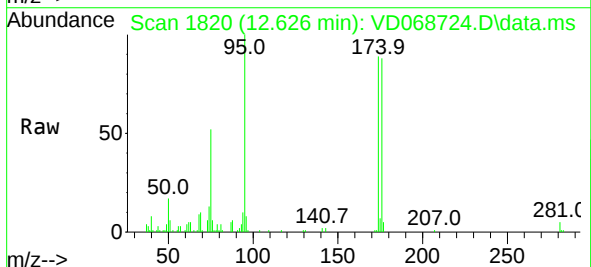
Instrument :
MSVOA_D
ClientSampleId :

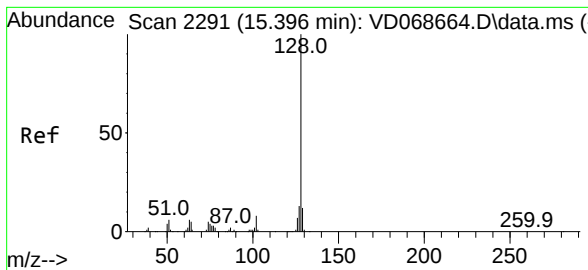
Tgt Ion: 75 Resp: 25120
Ion Ratio Lower Upper
75 100
77 2.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.49 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion: 75 Resp: 25120
Ion Ratio Lower Upper
75 100
53 0.5 66.8 100.2#
89 0.0 36.6 54.8#





#95
Naphthalene
Concen: 9.58 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	17681
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.2 15.4
129	12.8	8.9 13.3

