

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
 Data File : VD069124.D
 Acq On : 10 May 2021 15:45
 Operator : VA/SY
 Sample : M2310-01
 Misc : 6.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BS-SP1

Quant Time: May 11 01:03:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

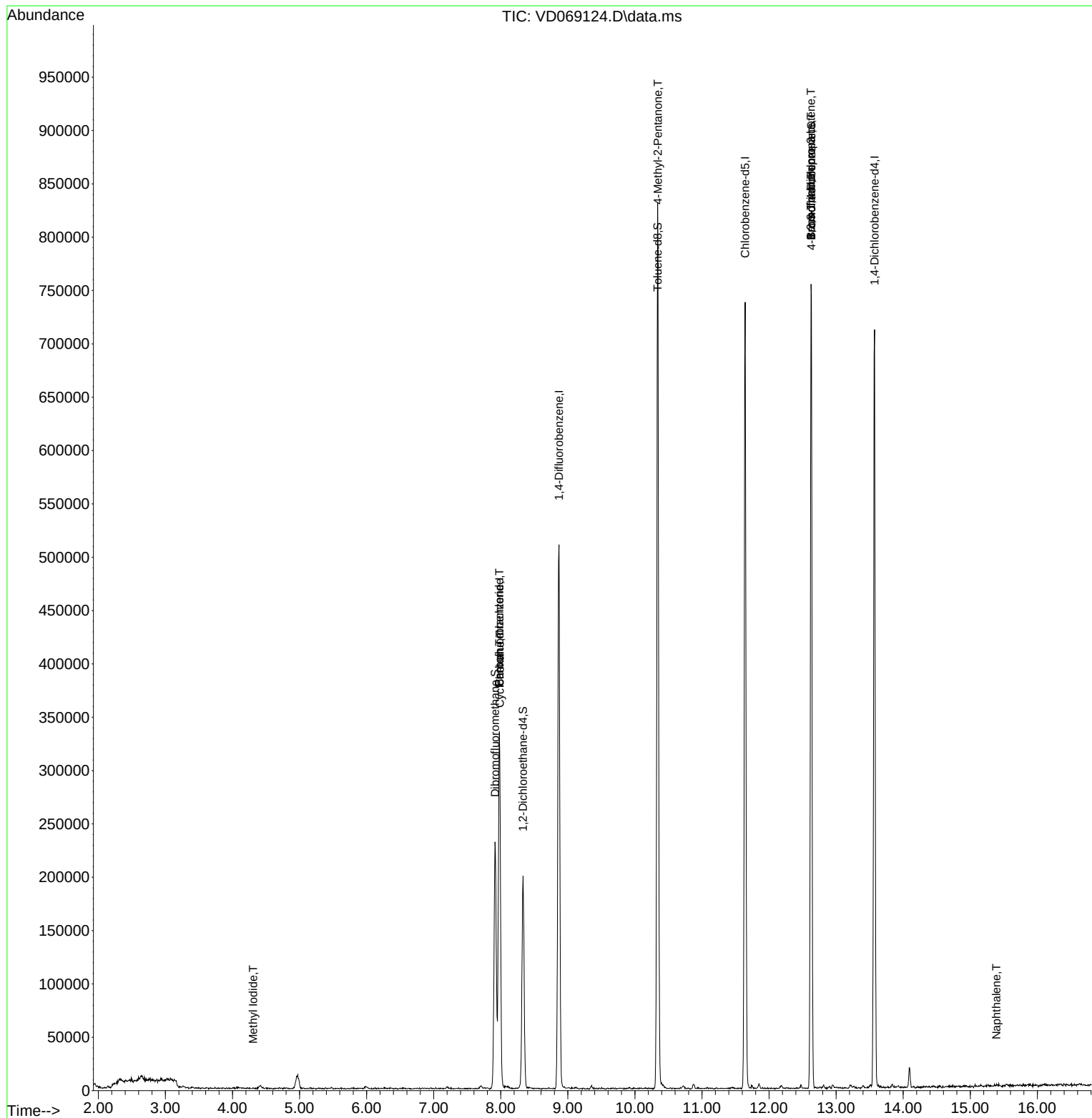
Internal Standards						
1) Pentafluorobenzene	7.979	168	247916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	457480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	432154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	191421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	157771	49.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.76%		
35) Dibromofluoromethane	7.914	113	165576	52.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.56%		
50) Toluene-d8	10.338	98	569703	49.19	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.38%		
62) 4-Bromofluorobenzene	12.632	95	183499	48.17	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.34%		
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	537	3.36	ug/l #	35
11) Tert butyl alcohol	5.214	59	71	Below Cal	#	81
16) Acetone	4.167	43	900	Below Cal	#	89
20) Methylene Chloride	4.967	84	11095	Below Cal	#	85
31) Cyclohexane	7.985	56	6393	1.38	ug/l #	35
38) Carbon Tetrachloride	7.979	117	24519	4.70	ug/l #	18
51) 4-Methyl-2-Pentanone	10.344	43	2304	1.32	ug/l #	1
71) Bromoform	12.626	173	2034	1.19	ug/l #	29
76) 1,2,3-Trichloropropane	12.626	75	94568	56.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	94568	123.48	ug/l #	9
95) Naphthalene	15.390	128	544	2.91	ug/l #	69

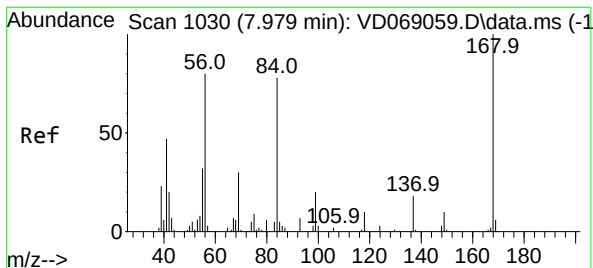
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

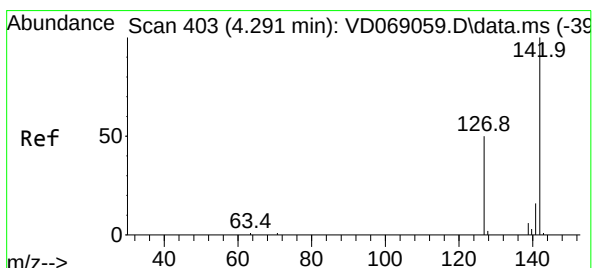
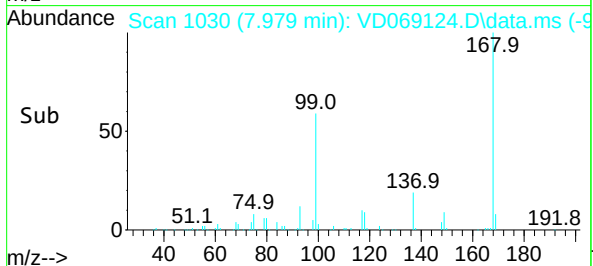
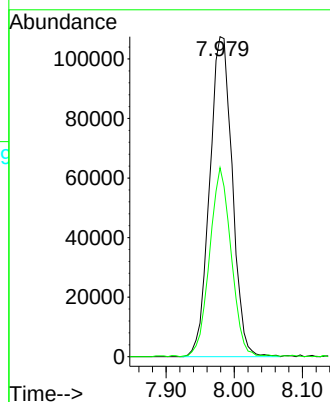
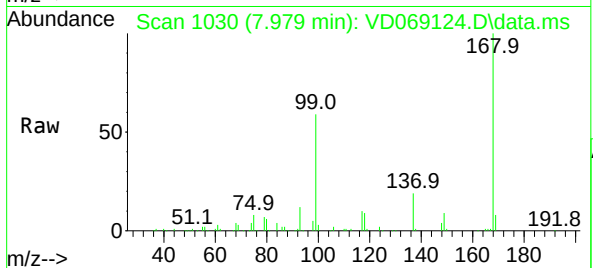




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

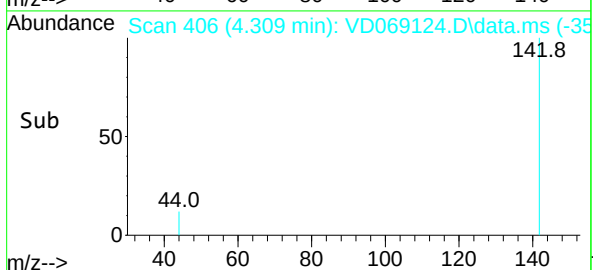
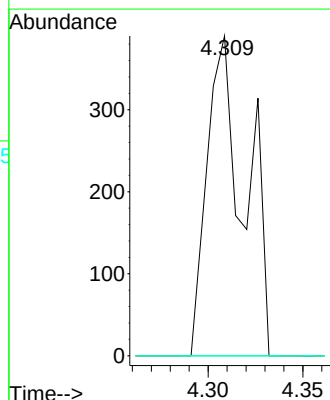
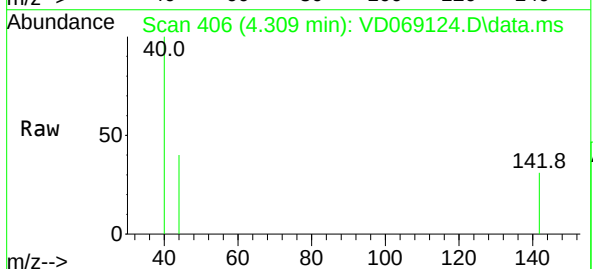
Instrument :
MSVOA_D
ClientSampleId :
BS-SP1

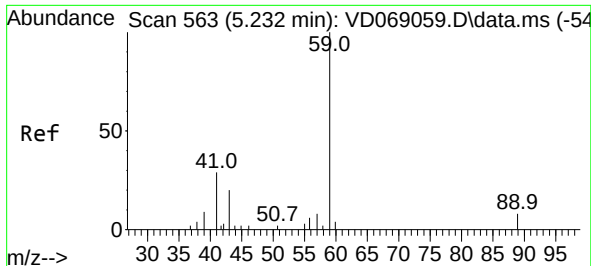
Tgt Ion:168 Resp: 247916
Ion Ratio Lower Upper
168 100
99 59.0 52.6 78.8



#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.018 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

Tgt Ion:142 Resp: 537
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 12.2 18.4#

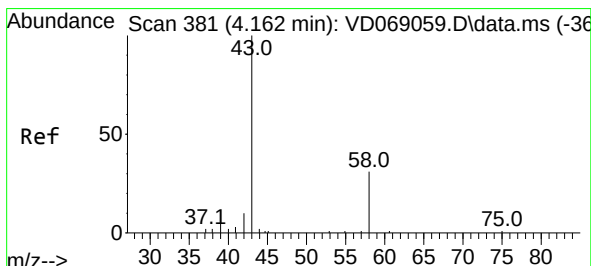
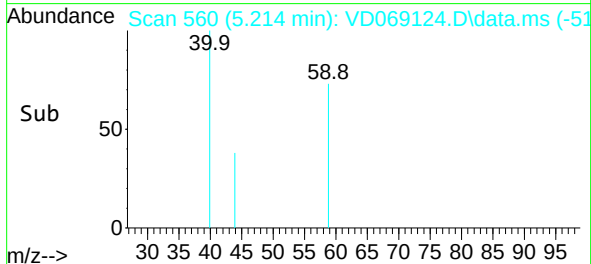
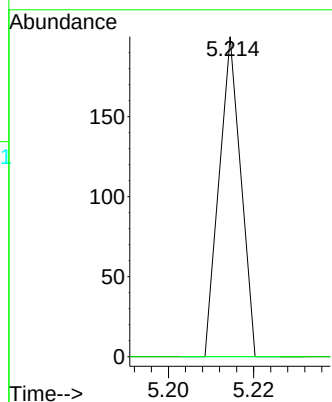
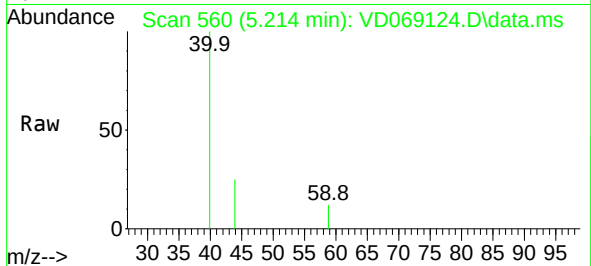




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.018 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

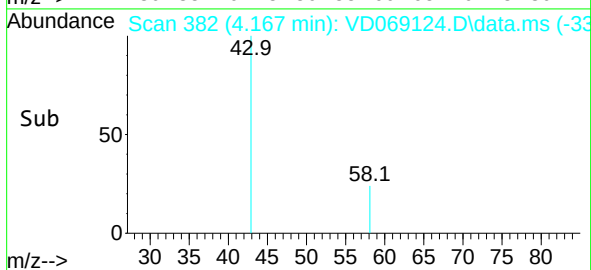
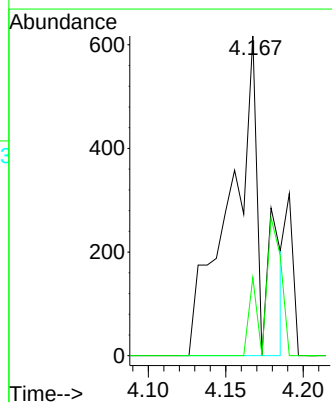
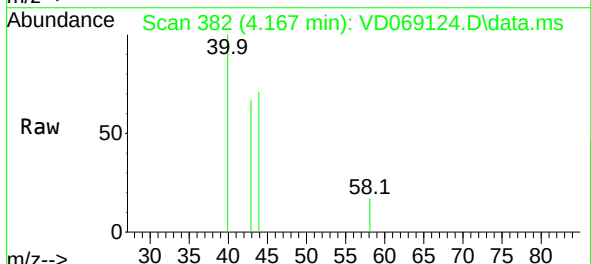
Instrument :
MSVOA_D
ClientSampleId :
BS-SP1

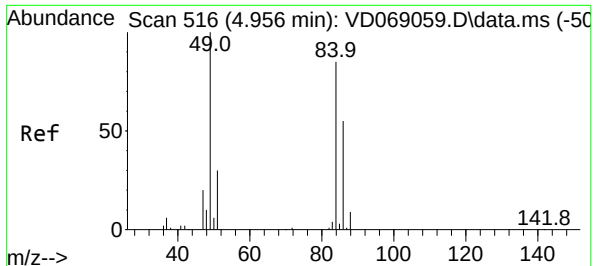
Tgt Ion: 59 Resp: 71
Ion Ratio Lower Upper
59 100
57 0.0 5.3 7.9#



#16
Acetone
Concen: Below Cal
RT: 4.167 min Scan# 382
Delta R.T. 0.005 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

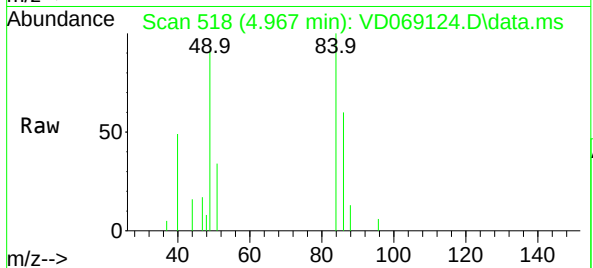
Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 24.5 24.5 36.7#



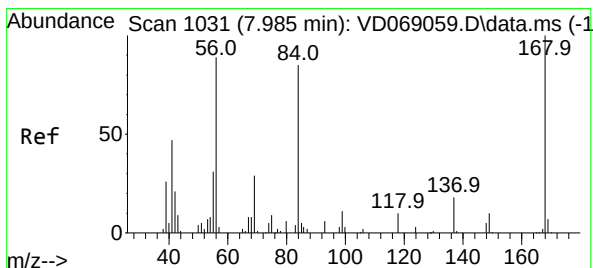
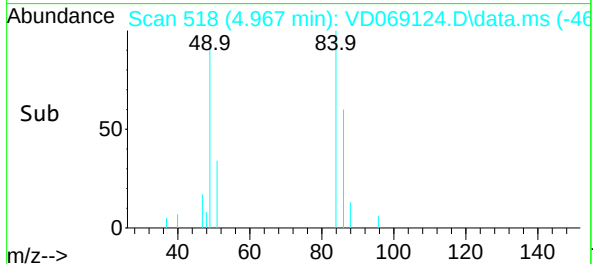
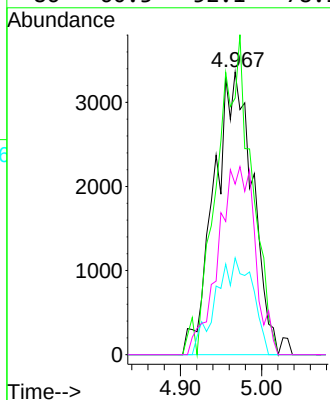


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.011 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

Instrument :
MSVOA_D
ClientSampleId :
BS-SP1

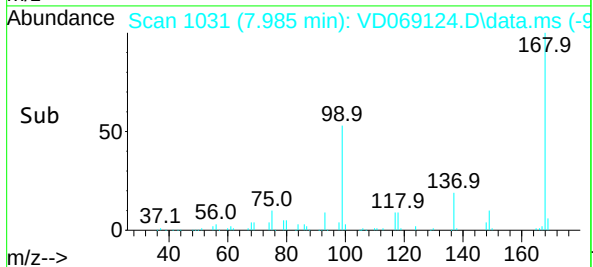
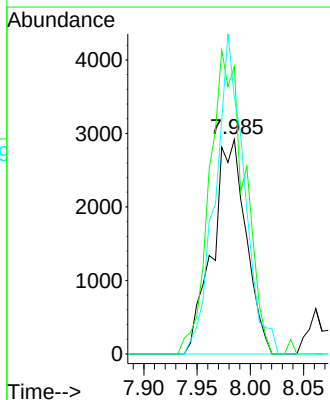
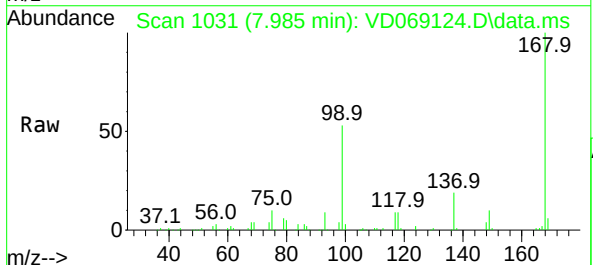


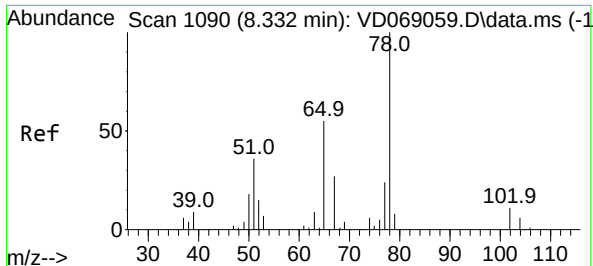
Tgt Ion:	84	Resp:	11095
Ion	Ratio	Lower	Upper
84	100		
49	90.8	93.9	140.9#
51	34.2	27.9	41.9
86	60.3	52.1	78.1



#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

Tgt Ion:	56	Resp:	6393
Ion	Ratio	Lower	Upper
56	100		
69	134.0	26.3	39.5#
84	119.5	75.9	113.9#

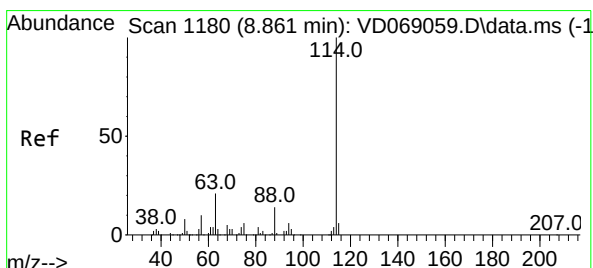
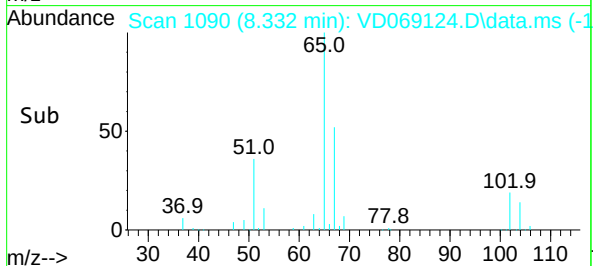
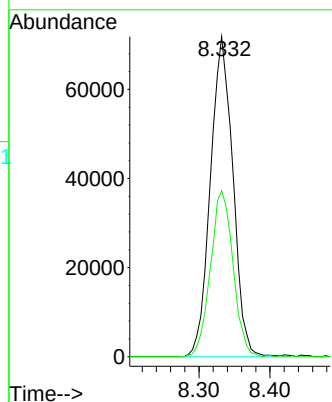
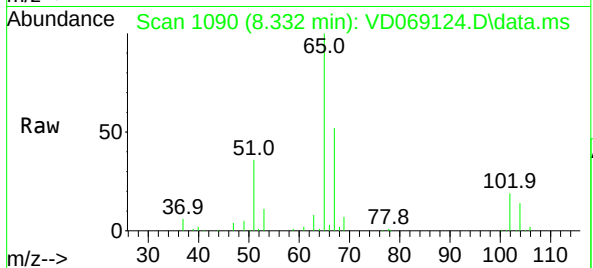




#33
1,2-Dichloroethane-d4
Concen: 49.38 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

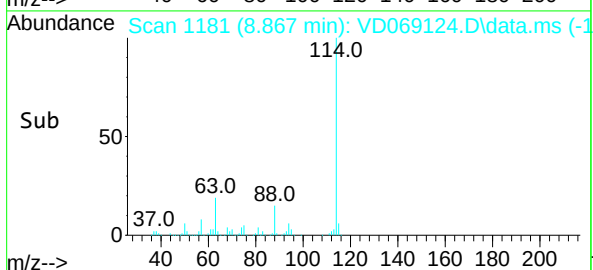
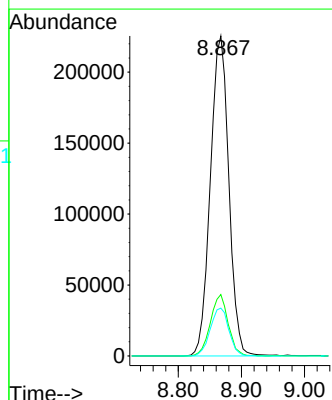
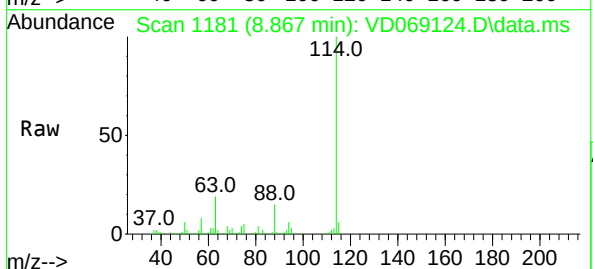
Instrument :
MSVOA_D
ClientSampleId :
BS-SP1

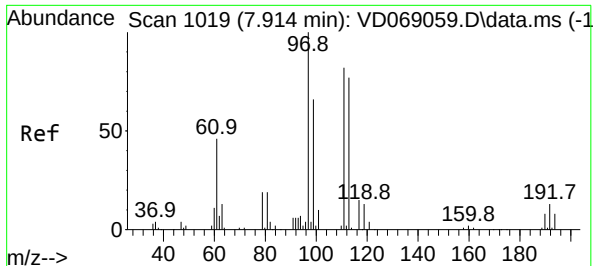
Tgt Ion: 65 Resp: 157771
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

Tgt Ion: 114 Resp: 457480
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.4
88 15.0 0.0 27.8





#35

Dibromofluoromethane

Concen: 52.78 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069124.D

Acq: 10 May 2021 15:45

Instrument :

MSVOA_D

ClientSampleId :

BS-SP1

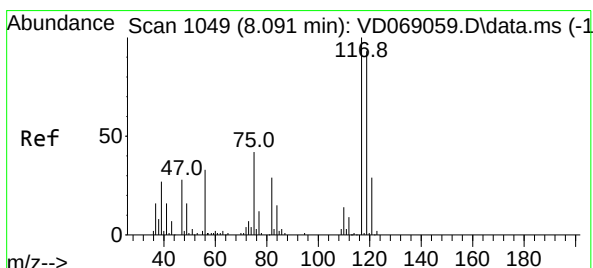
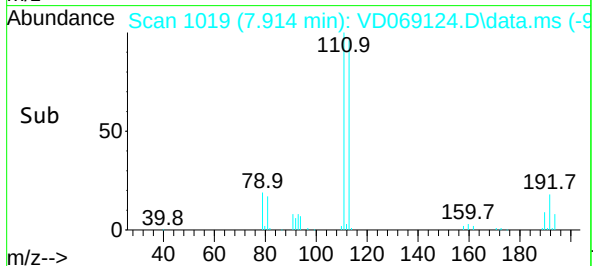
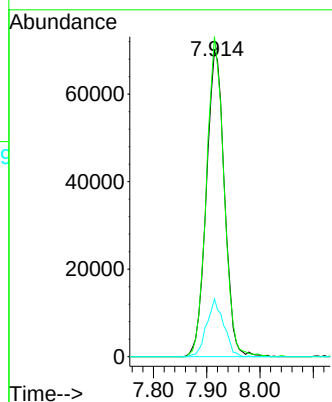
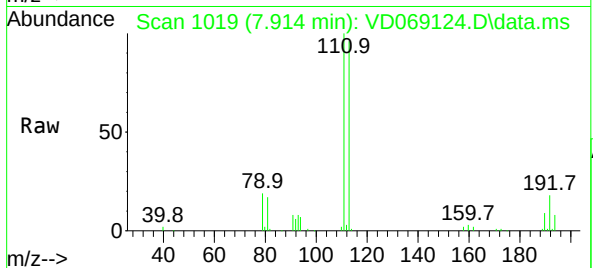
Tgt Ion:113 Resp: 165576

Ion Ratio Lower Upper

113 100

111 101.0 84.6 126.8

192 17.7 13.5 20.3



#38

Carbon Tetrachloride

Concen: 4.70 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD069124.D

Acq: 10 May 2021 15:45

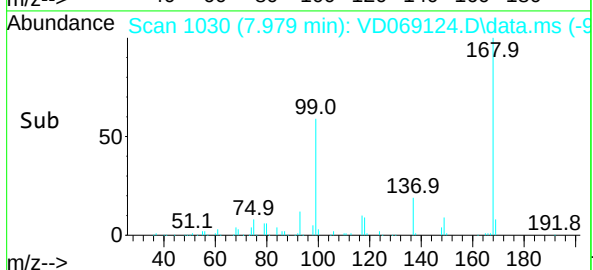
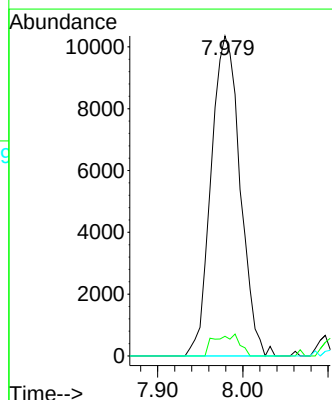
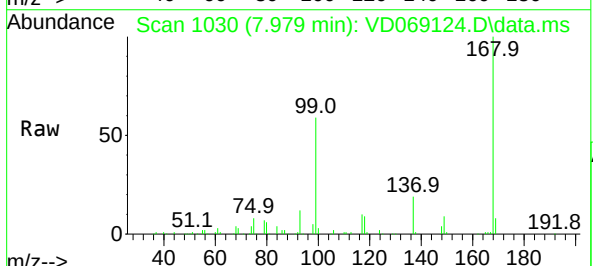
Tgt Ion:117 Resp: 24519

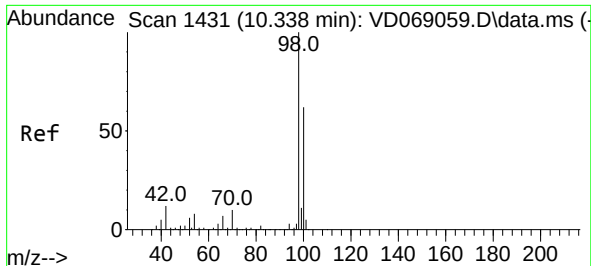
Ion Ratio Lower Upper

117 100

119 6.1 74.7 112.1#

121 0.0 23.1 34.7#

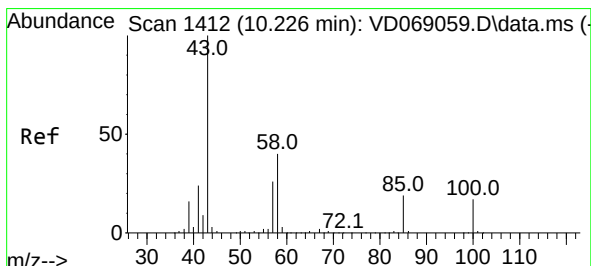
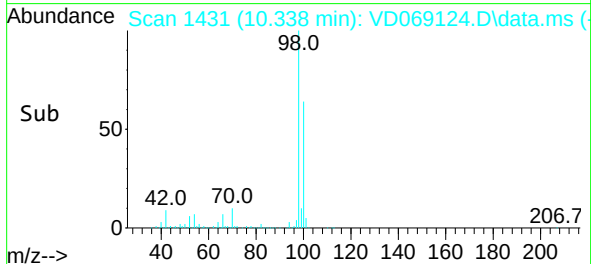
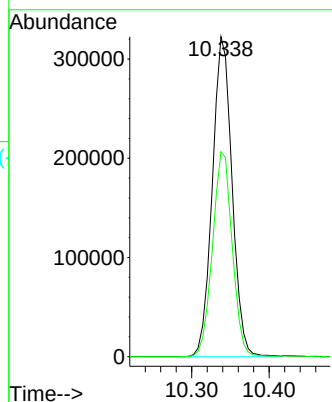
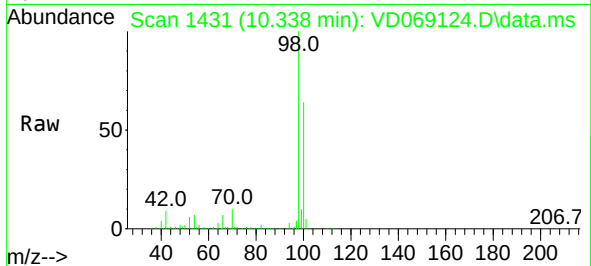




#50
Toluene-d8
Concen: 49.19 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

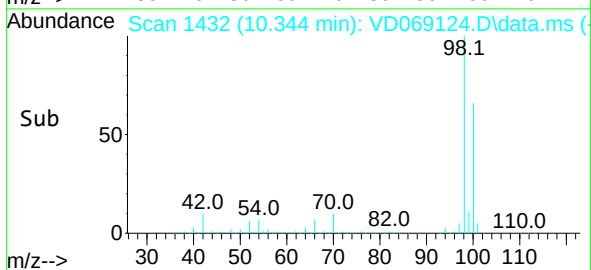
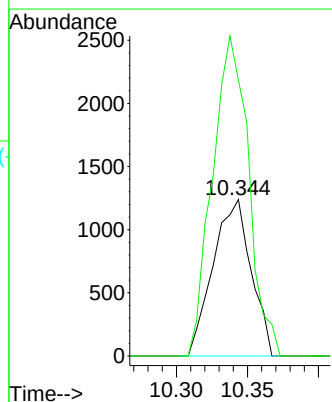
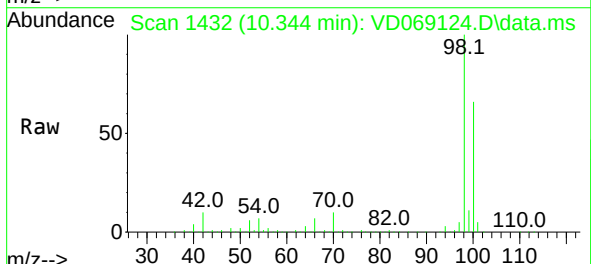
Instrument :
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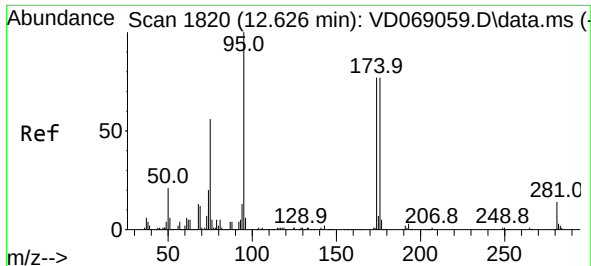
Tgt Ion: 98 Resp: 569703
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.32 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

Tgt Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
58 195.1 32.7 49.1#

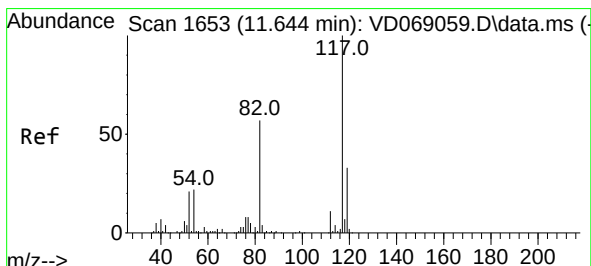
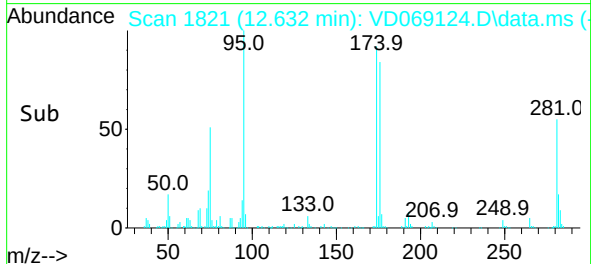
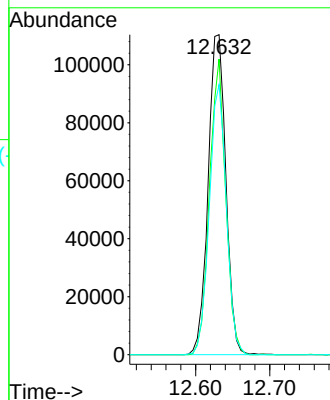
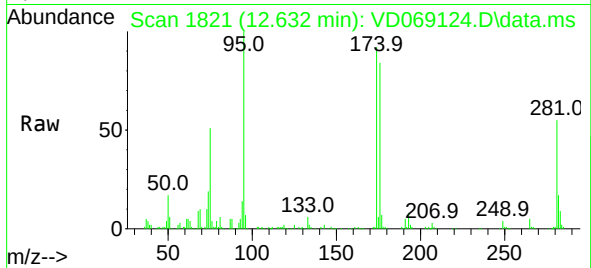




#62
4-Bromofluorobenzene
Concen: 48.17 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

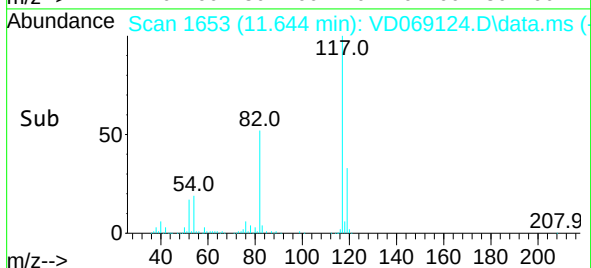
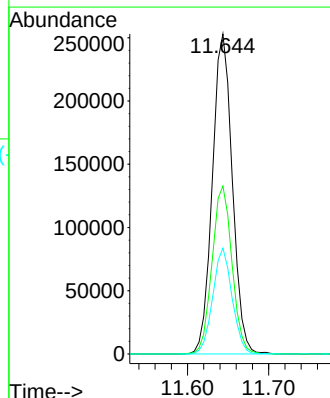
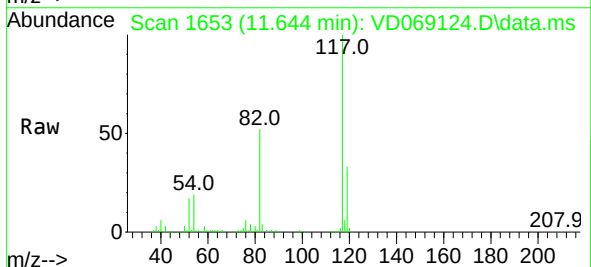
Instrument :
MSVOA_D
ClientSampleId :
BS-SP1

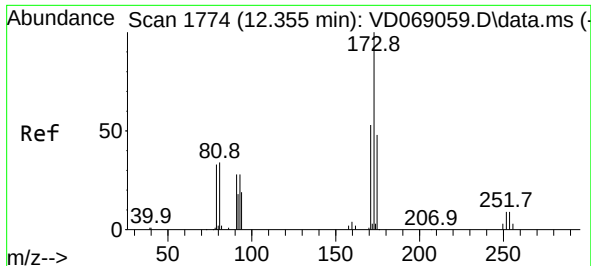
Tgt Ion: 95 Resp: 183499
Ion Ratio Lower Upper
95 100
174 84.3 0.0 156.0
176 80.7 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

Tgt Ion: 117 Resp: 432154
Ion Ratio Lower Upper
117 100
82 52.5 45.4 68.2
119 33.1 26.8 40.2

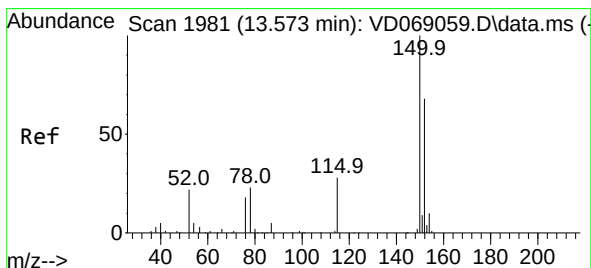
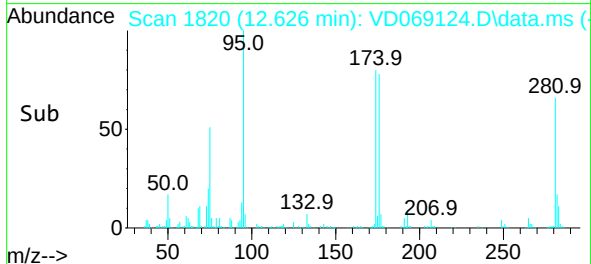
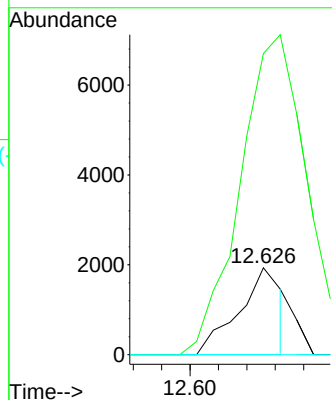
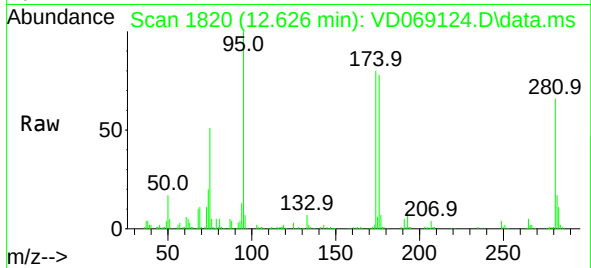




#71
Bromoform
Concen: 1.19 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

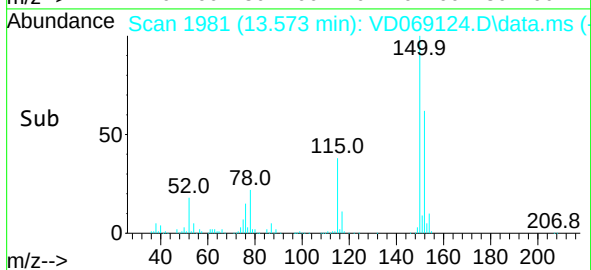
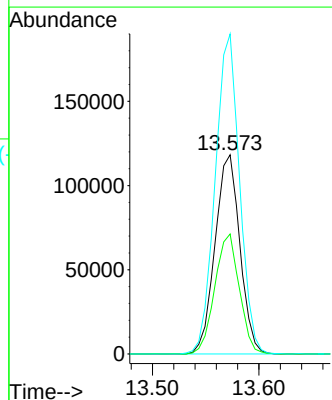
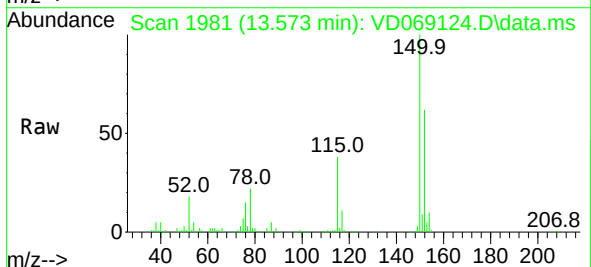
Instrument :
MSVOA_D
ClientSampled :
BS-SP1

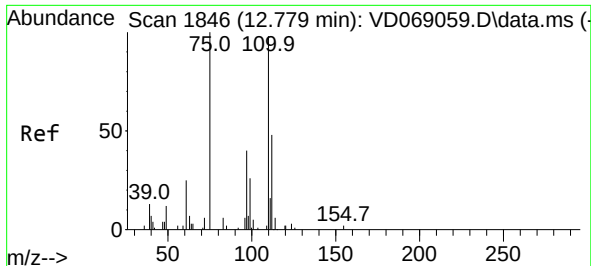
Tgt Ion:173 Resp: 2034
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

Tgt Ion:152 Resp: 191421
Ion Ratio Lower Upper
152 100
115 59.4 30.5 91.5
150 157.5 0.0 340.8

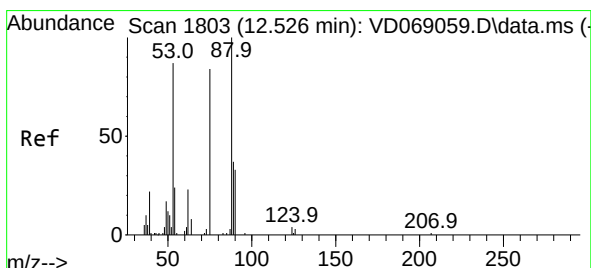
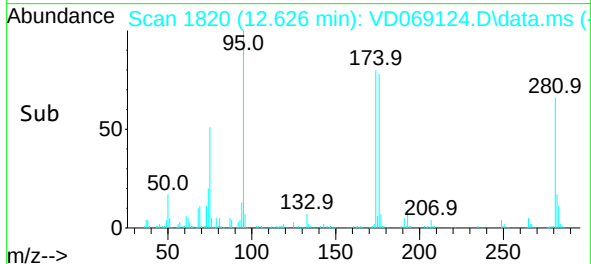
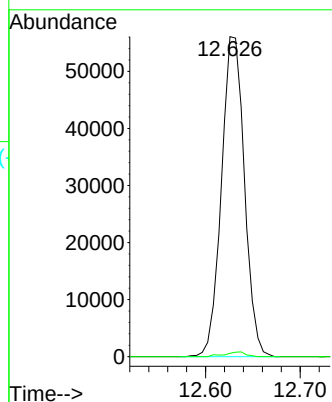
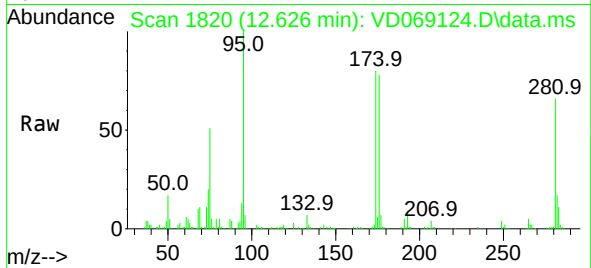




#76
1,2,3-Trichloropropane
Concen: 56.75 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

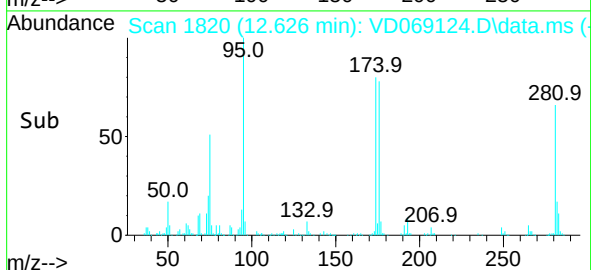
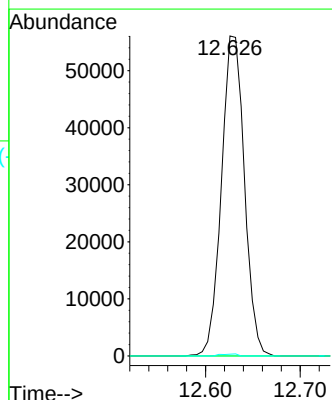
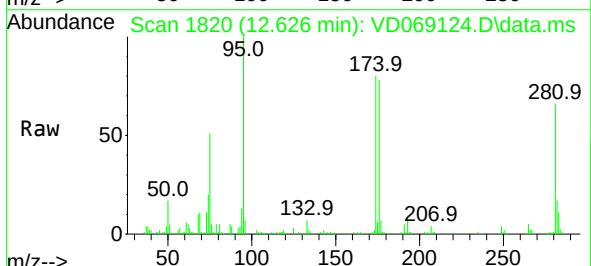
Instrument :
MSVOA_D
ClientSampleId :
BS-SP1

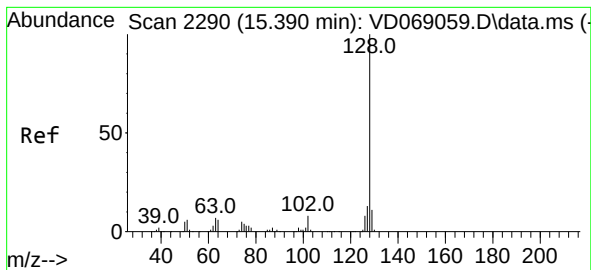
Tgt Ion: 75 Resp: 94568
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.48 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

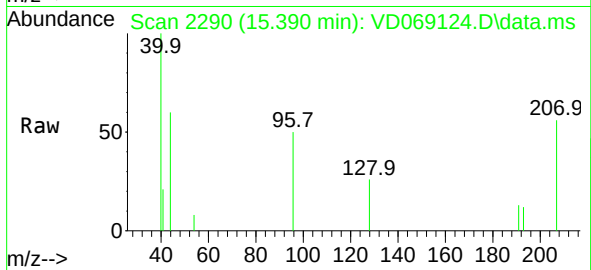
Tgt Ion: 75 Resp: 94568
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.5 37.8 56.8#





#95
Naphthalene
Concen: 2.91 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069124.D
Acq: 10 May 2021 15:45

Instrument :
MSVOA_D
ClientSampleId :
BS-SP1



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.5	12.7#

