

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
 Data File : VD069244.D
 Acq On : 21 May 2021 17:55
 Operator : VA/SY
 Sample : M2472-10
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW8-GW-888-890

Quant Time: May 22 00:35:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

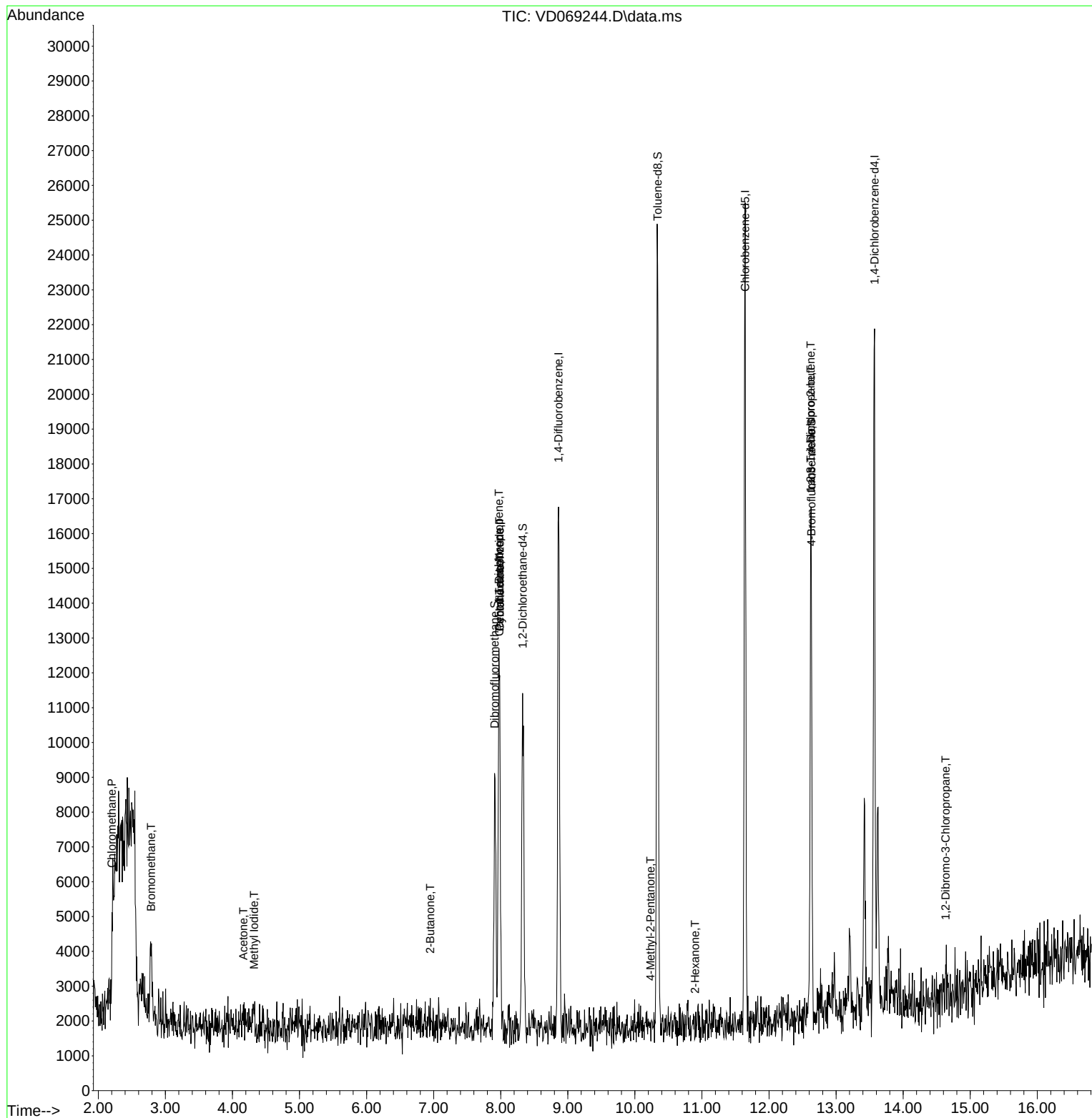
Internal Standards						
1) Pentafluorobenzene	7.985	168	8361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	14594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	13394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	5707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	7243	86.41	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.82%#
35) Dibromofluoromethane	7.908	113	5202	54.77	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.54%
50) Toluene-d8	10.338	98	16725	47.93	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.86%
62) 4-Bromofluorobenzene	12.632	95	4950	44.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.16%
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	514	5.03	ug/l #	1
5) Bromomethane	2.785	94	1692	16.70	ug/l #	69
10) Methyl Iodide	4.320	142	842	9.45	ug/l #	46
16) Acetone	4.162	43	407	31.70	ug/l #	41
20) Methylene Chloride	4.973	84	73	Below Cal	#	14
25) 2-Butanone	6.950	43	59	3.39	ug/l #	38
31) Cyclohexane	7.985	56	125	1.01	ug/l #	6
36) 1,1-Dichloropropene	7.973	75	963	6.79	ug/l #	40
38) Carbon Tetrachloride	7.979	117	953	6.01	ug/l #	12
51) 4-Methyl-2-Pentanone	10.232	43	72	1.69	ug/l #	32
59) 2-Hexanone	10.897	43	102	3.59	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	2482	57.86	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	2482	116.86	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.632	75	72	6.42	ug/l #	1

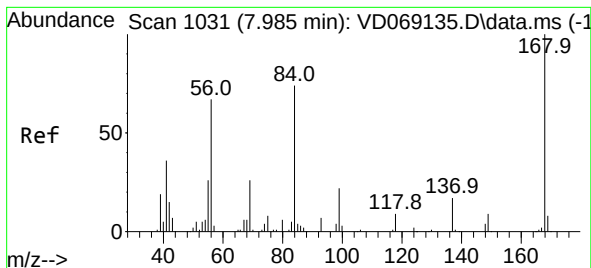
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

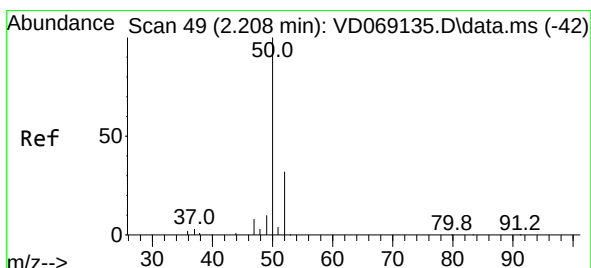
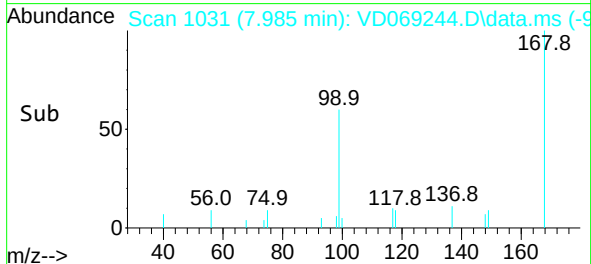
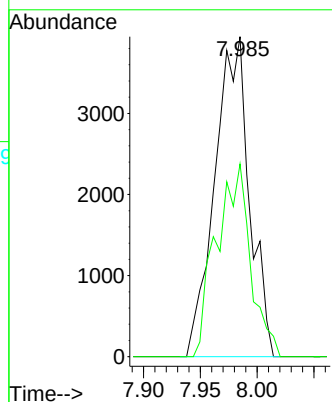
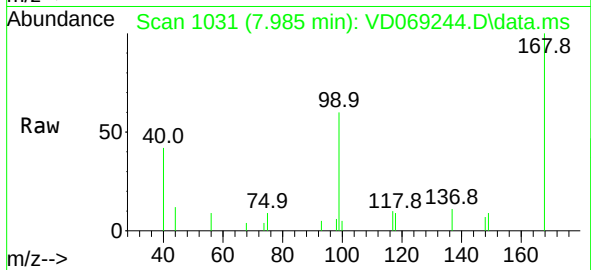




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

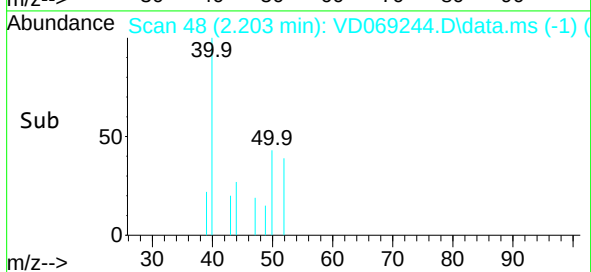
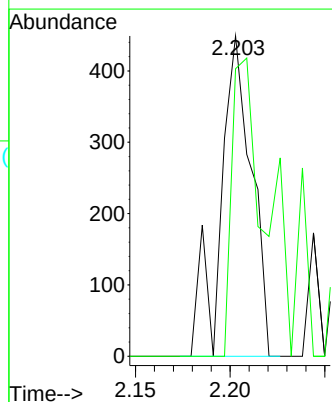
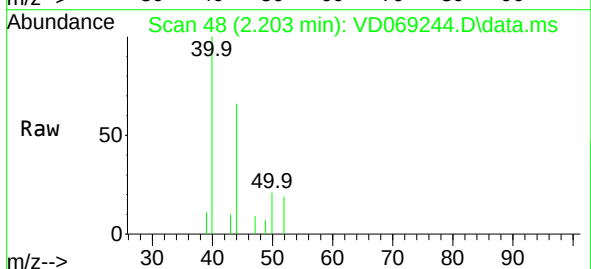
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

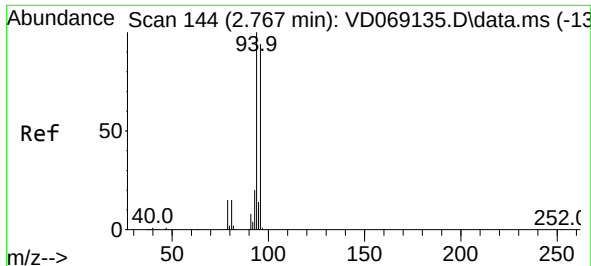
Tgt Ion:168 Resp: 8361
Ion Ratio Lower Upper
168 100
99 60.2 47.2 70.8



#3
Chloromethane
Concen: 5.03 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

Tgt Ion: 50 Resp: 514
Ion Ratio Lower Upper
50 100
52 89.8 25.8 38.8#

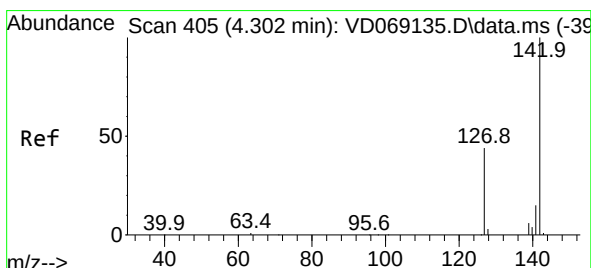
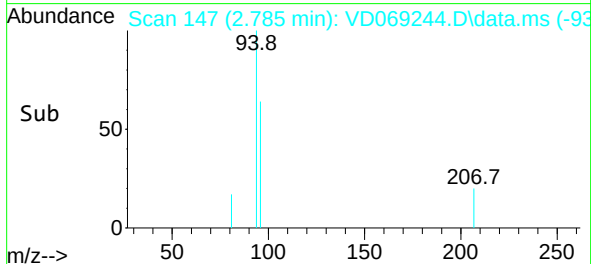
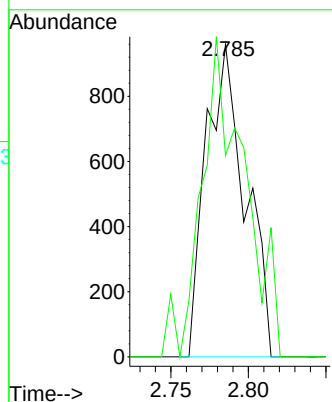
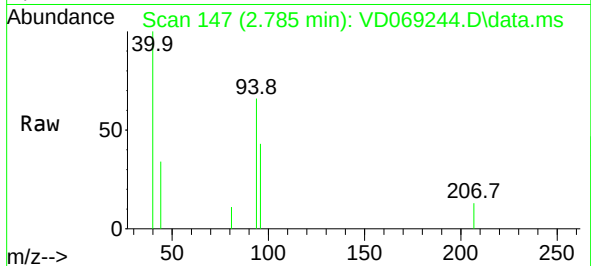




#5
Bromomethane
Concen: 16.70 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

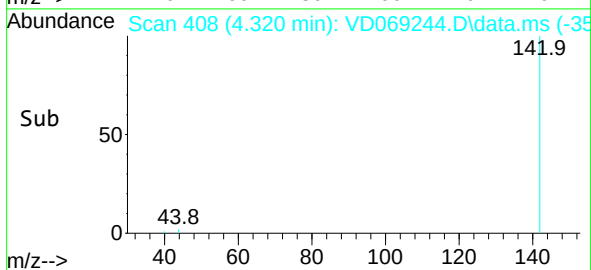
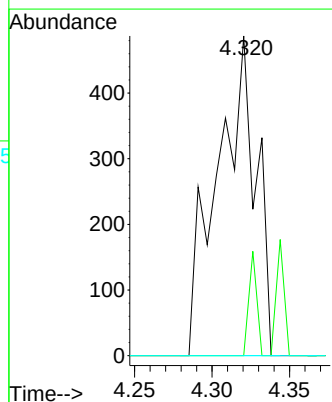
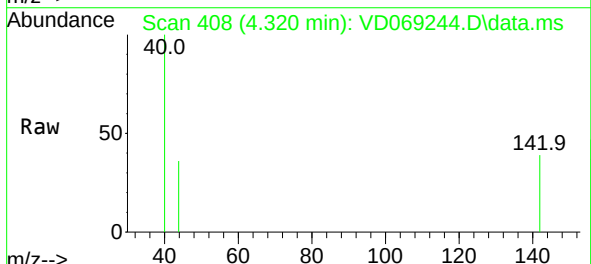
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

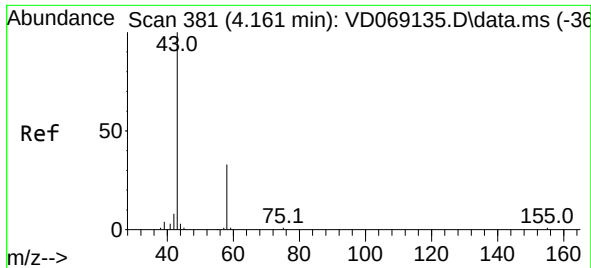
Tgt Ion: 94 Resp: 1692
Ion Ratio Lower Upper
94 100
96 64.4 75.4 113.0#



#10
Methyl Iodide
Concen: 9.45 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.018 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

Tgt Ion: 142 Resp: 842
Ion Ratio Lower Upper
142 100
127 6.7 37.3 55.9#
141 0.0 12.2 18.4#

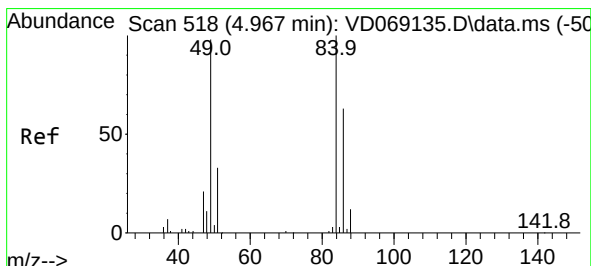
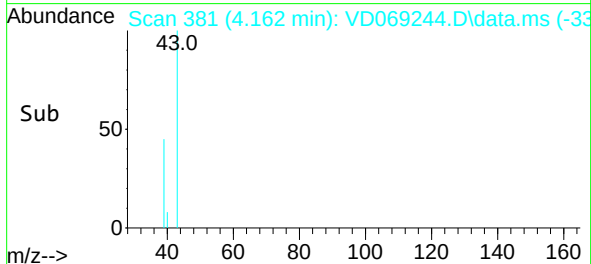
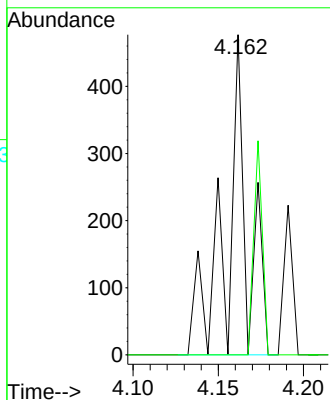
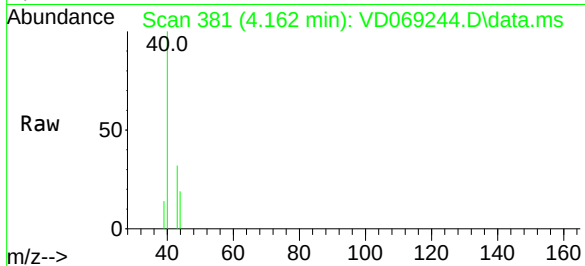




#16
Acetone
Concen: 31.70 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

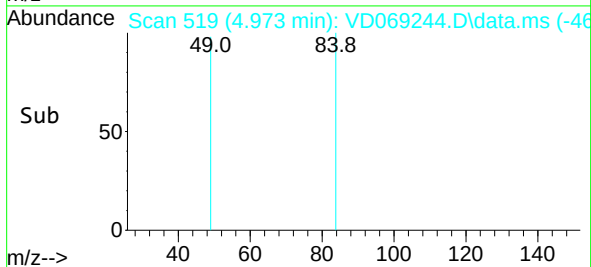
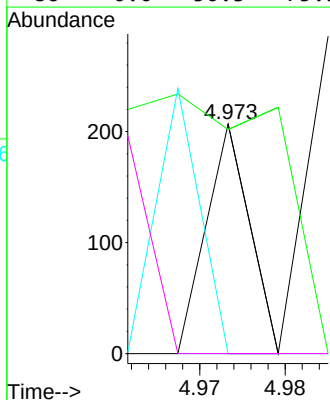
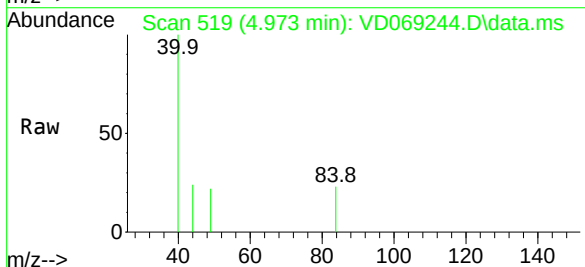
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

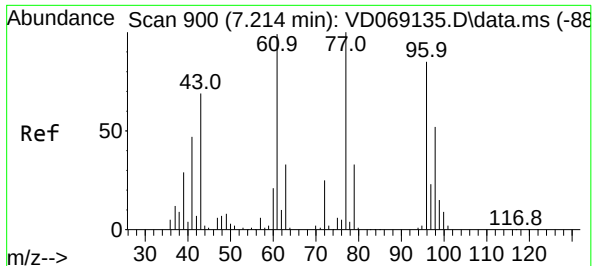
Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

Tgt Ion: 84 Resp: 73
Ion Ratio Lower Upper
84 100
49 0.0 78.6 117.8#
51 0.0 26.7 40.1#
86 0.0 50.3 75.5#

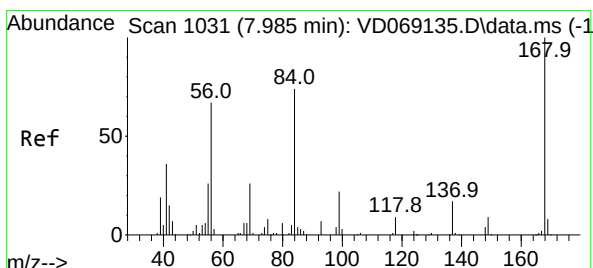
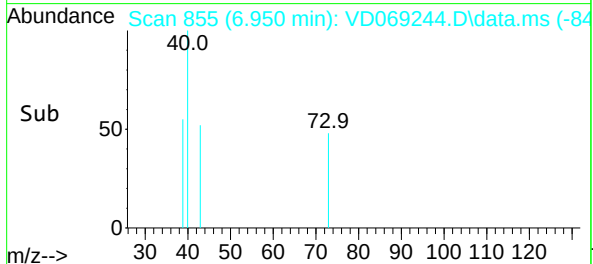
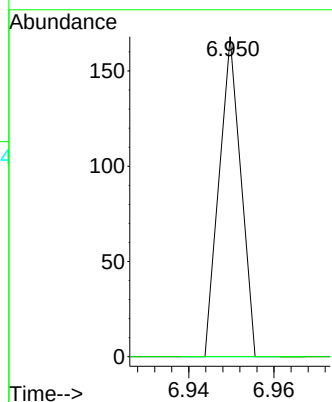
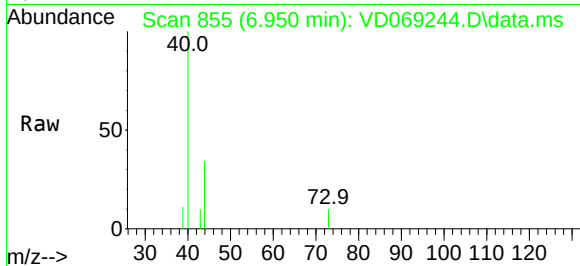




#25
2-Butanone
Concen: 3.39 ug/l
RT: 6.950 min Scan# 855
Delta R.T. -0.264 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

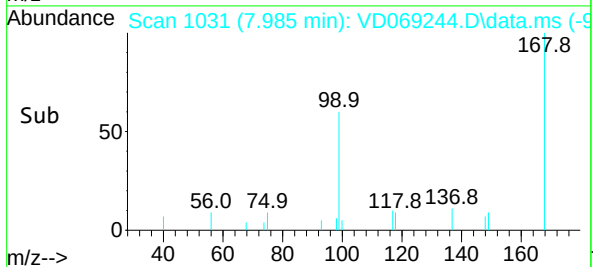
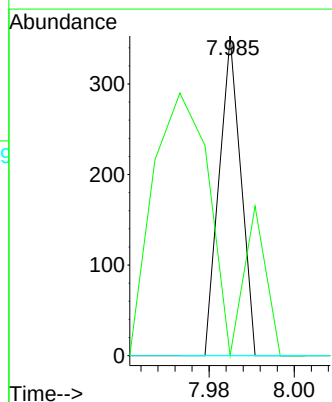
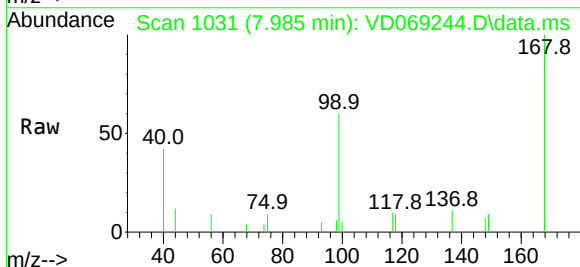
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

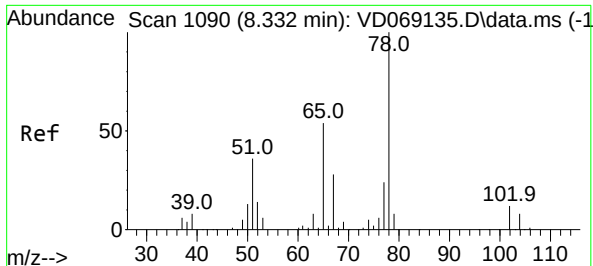
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
72 0.0 29.1 43.7#



#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

Tgt Ion: 56 Resp: 125
Ion Ratio Lower Upper
56 100
69 0.0 30.6 46.0#
84 0.0 88.0 132.0#

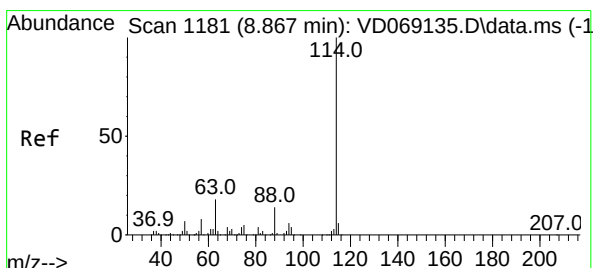
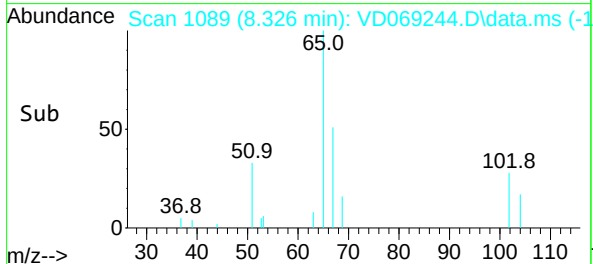
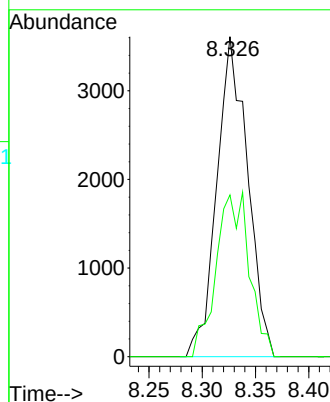
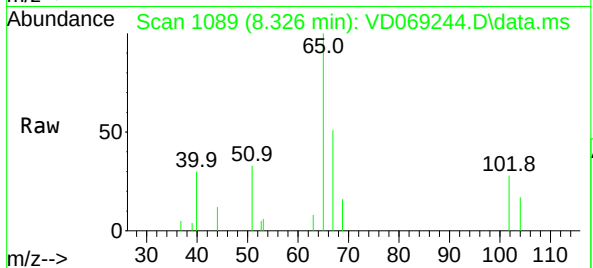




#33
1,2-Dichloroethane-d4
Concen: 86.41 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

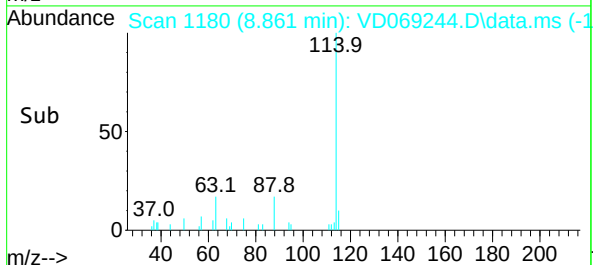
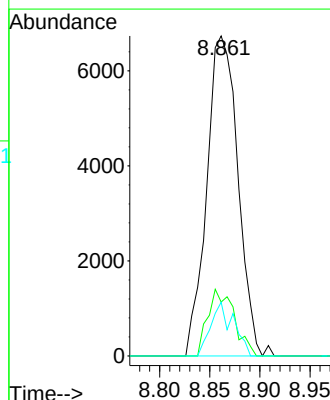
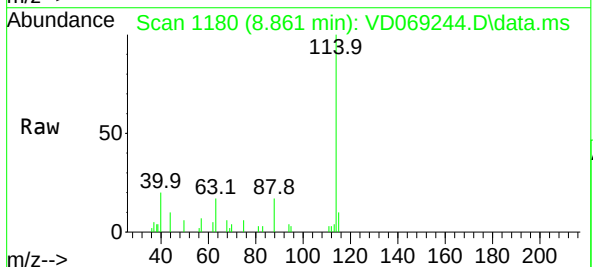
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

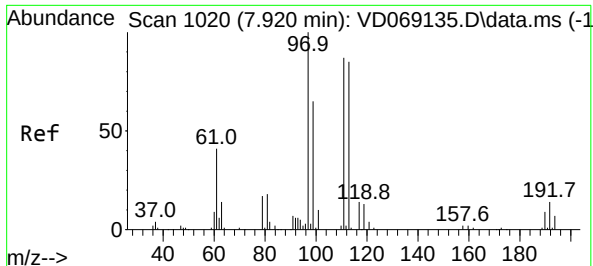
Tgt Ion: 65 Resp: 7243
Ion Ratio Lower Upper
65 100
67 55.2 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

Tgt Ion: 114 Resp: 14594
Ion Ratio Lower Upper
114 100
63 16.9 0.0 36.4
88 16.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 54.77 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.011 min

Lab File: VD069244.D

Acq: 21 May 2021 17:55

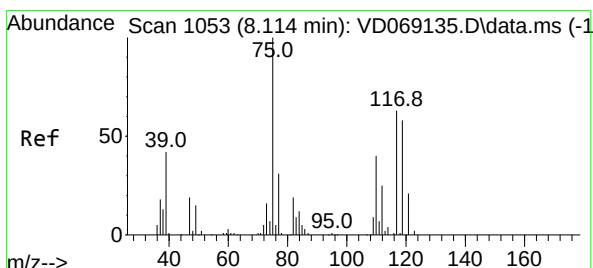
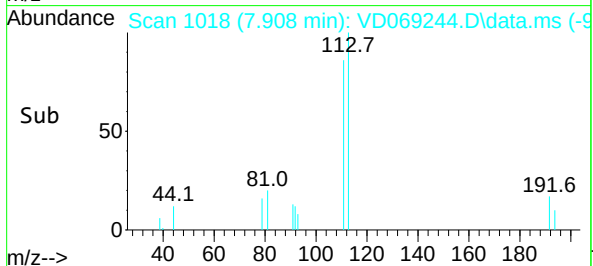
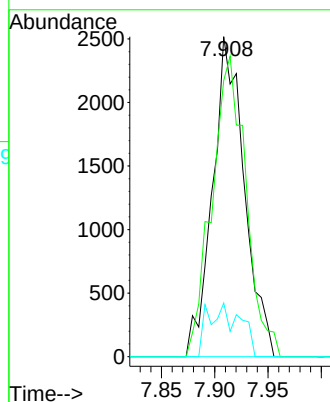
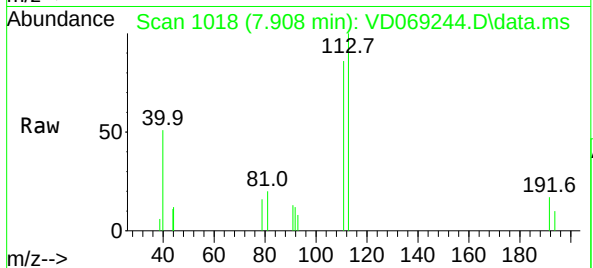
Tgt Ion:	113	Resp:	5202
Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.6	120.8
192	10.7	14.8	22.2#

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW8-GW-888-890



#36

1,1-Dichloropropene

Concen: 6.79 ug/l

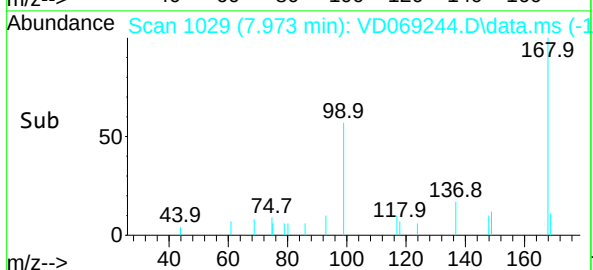
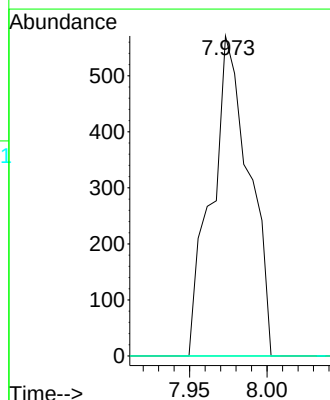
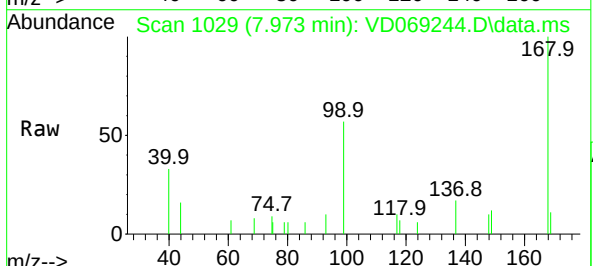
RT: 7.973 min Scan# 1029

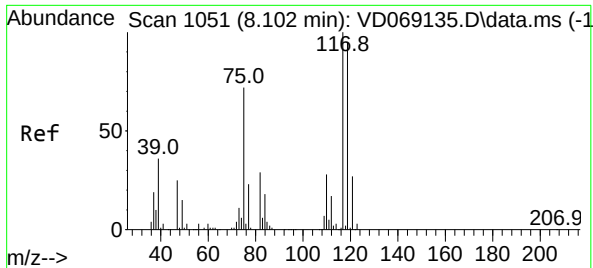
Delta R.T. -0.141 min

Lab File: VD069244.D

Acq: 21 May 2021 17:55

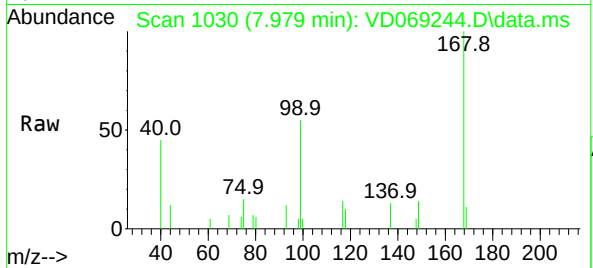
Tgt Ion:	75	Resp:	963
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.8	56.4#
77	0.0	25.2	37.8#



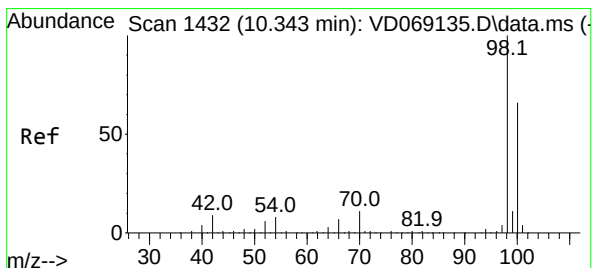
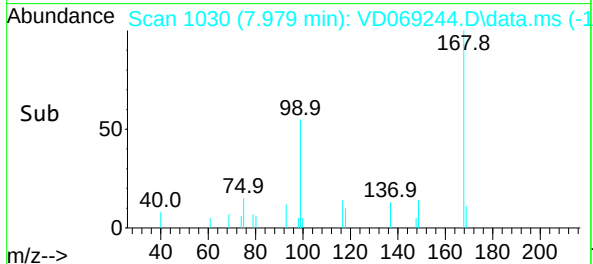
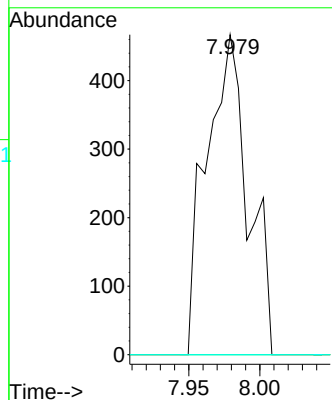


#38
Carbon Tetrachloride
Concen: 6.01 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

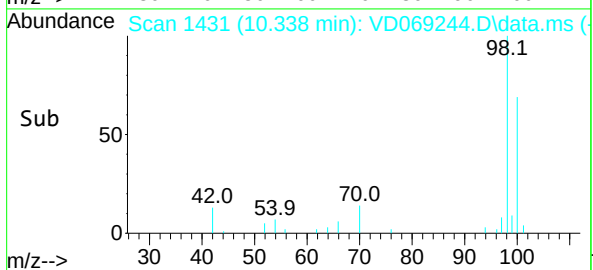
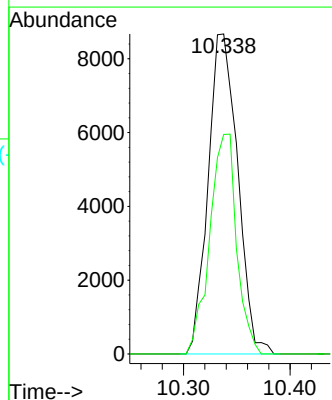
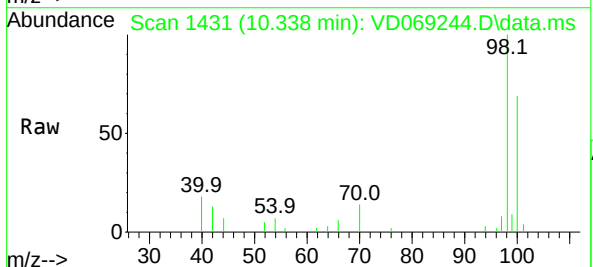


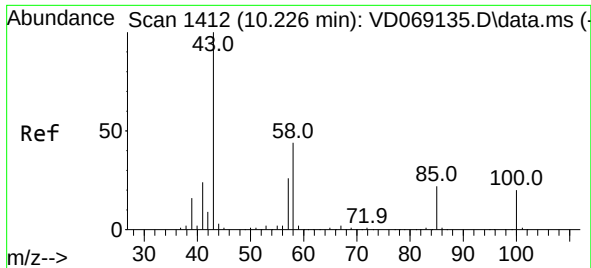
Tgt Ion:117 Resp: 953
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 21.9 32.9#



#50
Toluene-d8
Concen: 47.93 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

Tgt Ion: 98 Resp: 16725
Ion Ratio Lower Upper
98 100
100 62.5 51.8 77.8

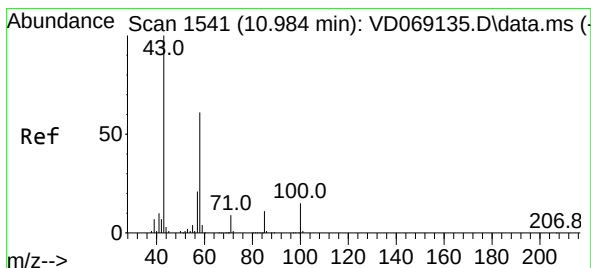
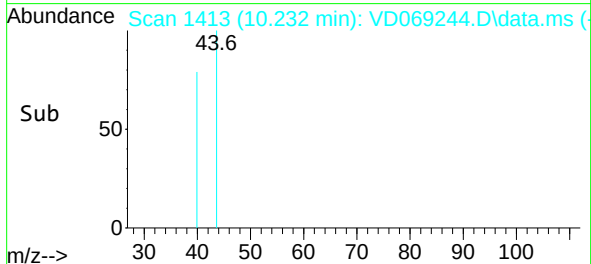
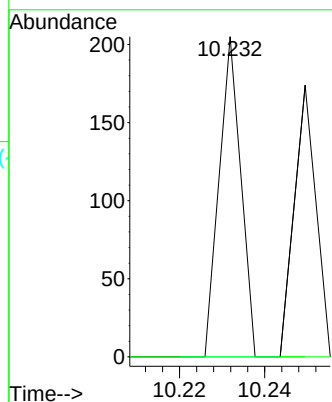
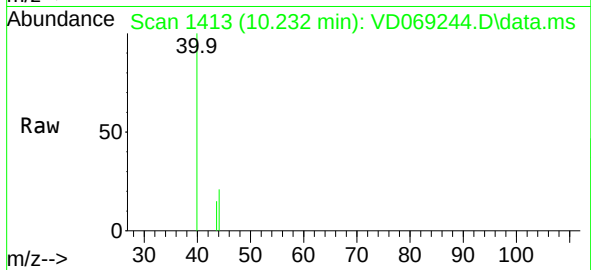




#51
4-Methyl-2-Pentanone
Concen: 1.69 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

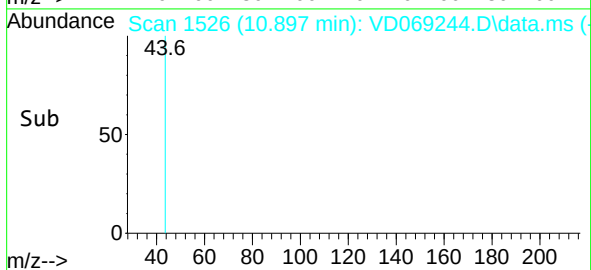
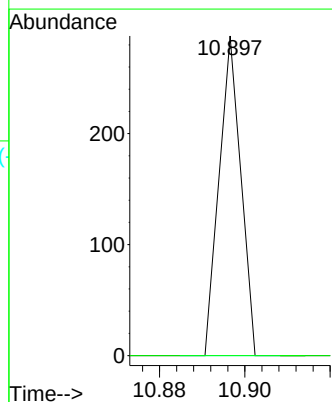
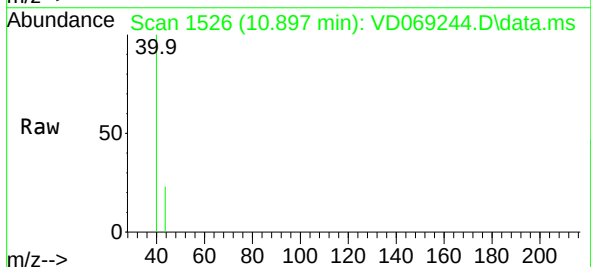
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

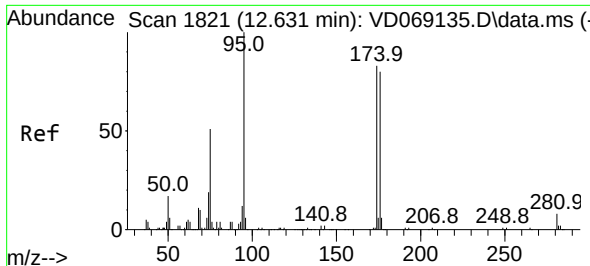
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
58 0.0 35.0 52.4#



#59
2-Hexanone
Concen: 3.59 ug/l
RT: 10.897 min Scan# 1526
Delta R.T. -0.088 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

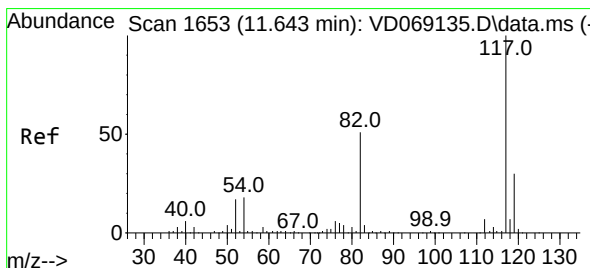
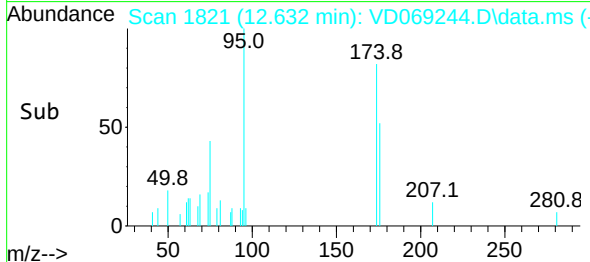
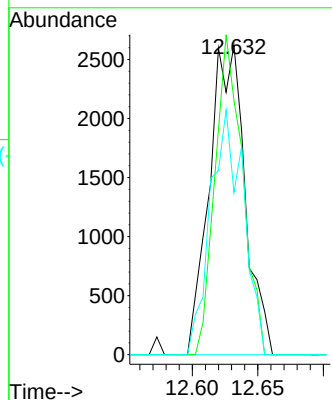
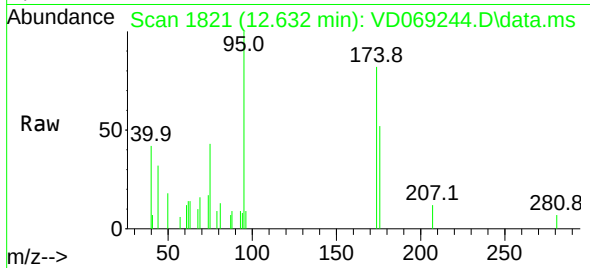




#62
4-Bromofluorobenzene
Concen: 44.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

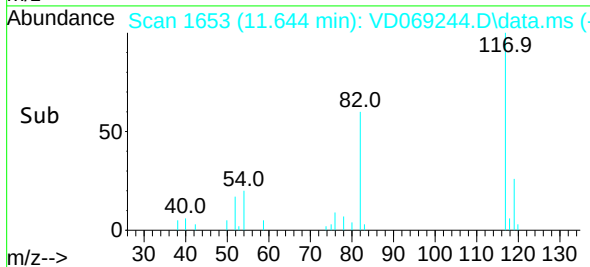
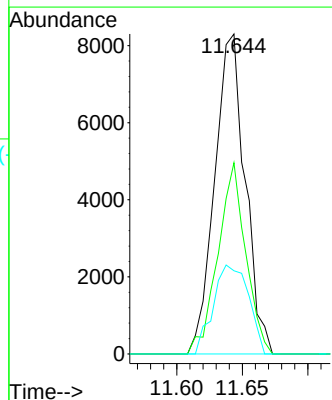
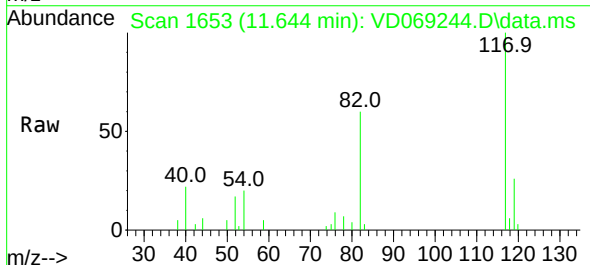
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

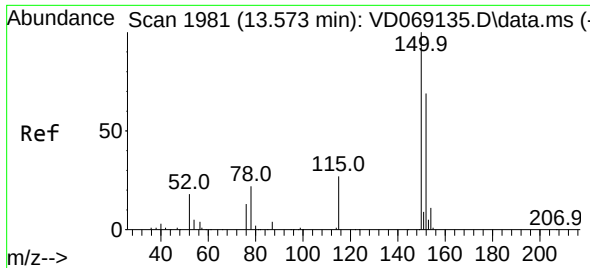
Tgt Ion:	95	Resp:	4950
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	171.8
176	73.4	0.0	165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

Tgt Ion:	117	Resp:	13394
Ion	Ratio	Lower	Upper
117	100		
82	59.8	40.5	60.7
119	26.0	24.2	36.4

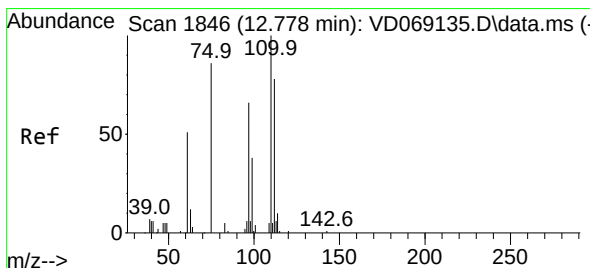
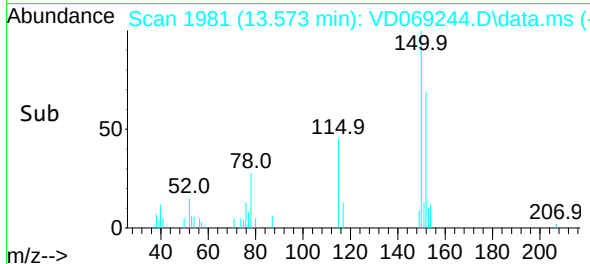
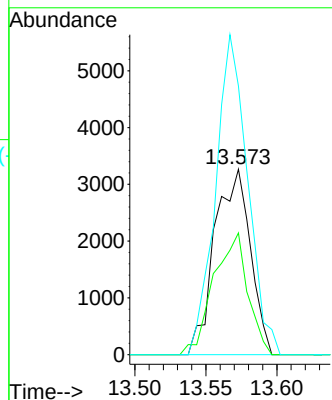
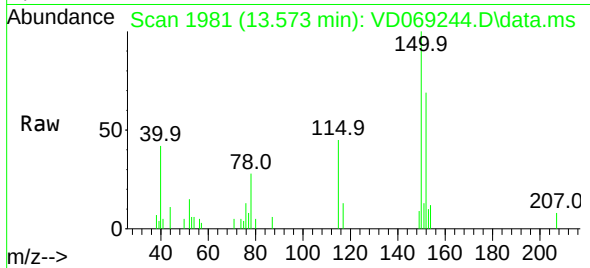




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD069244.D
 Acq: 21 May 2021 17:55

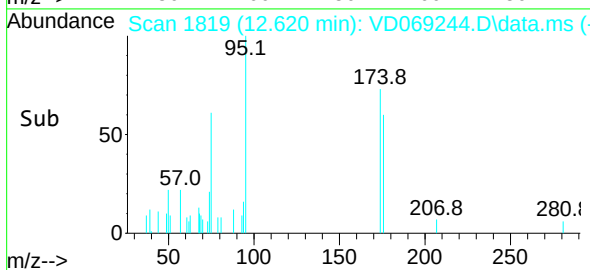
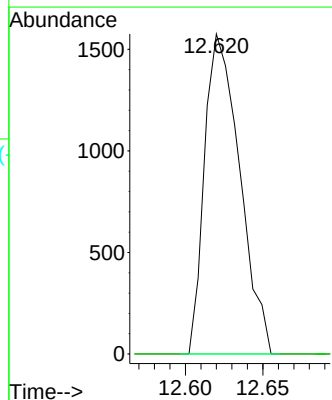
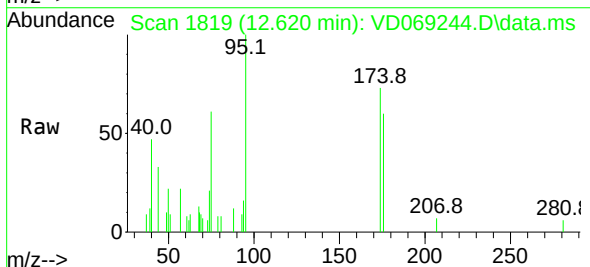
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW8-GW-888-890

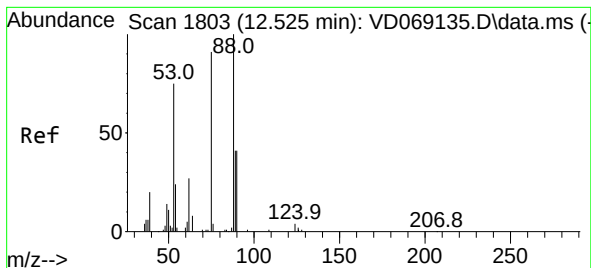
Tgt Ion:152 Resp: 5707
 Ion Ratio Lower Upper
 152 100
 115 62.7 29.9 89.8
 150 155.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 57.86 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.158 min
 Lab File: VD069244.D
 Acq: 21 May 2021 17:55

Tgt Ion: 75 Resp: 2482
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

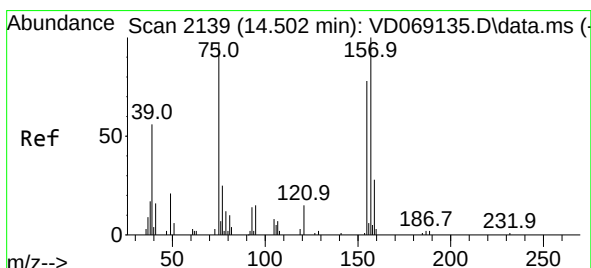
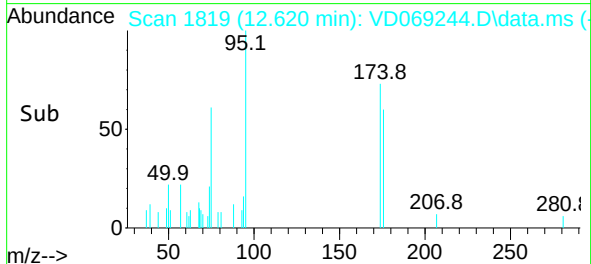
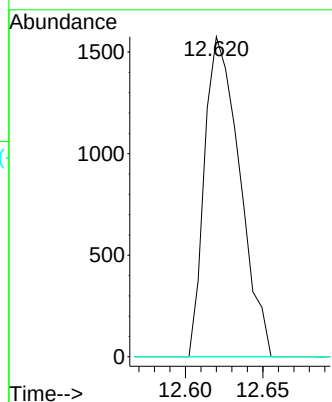
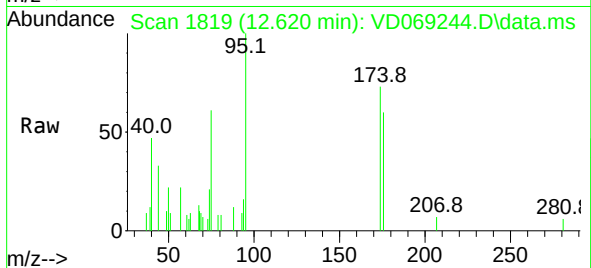




#81
trans-1,4-Dichloro-2-butene
Concen: 116.86 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.094 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

Tgt Ion: 75 Resp: 2482
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 0.0 40.2 60.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.42 ug/l
RT: 14.632 min Scan# 2161
Delta R.T. 0.130 min
Lab File: VD069244.D
Acq: 21 May 2021 17:55

Tgt Ion: 75 Resp: 72
Ion Ratio Lower Upper
75 100
155 0.0 43.9 131.7#
157 0.0 54.9 164.7#

