

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069192.D
 Acq On : 19 May 2021 13:07
 Operator : VA/SY
 Sample : M2439-01
 Misc : 7.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 20 01:00:29 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)

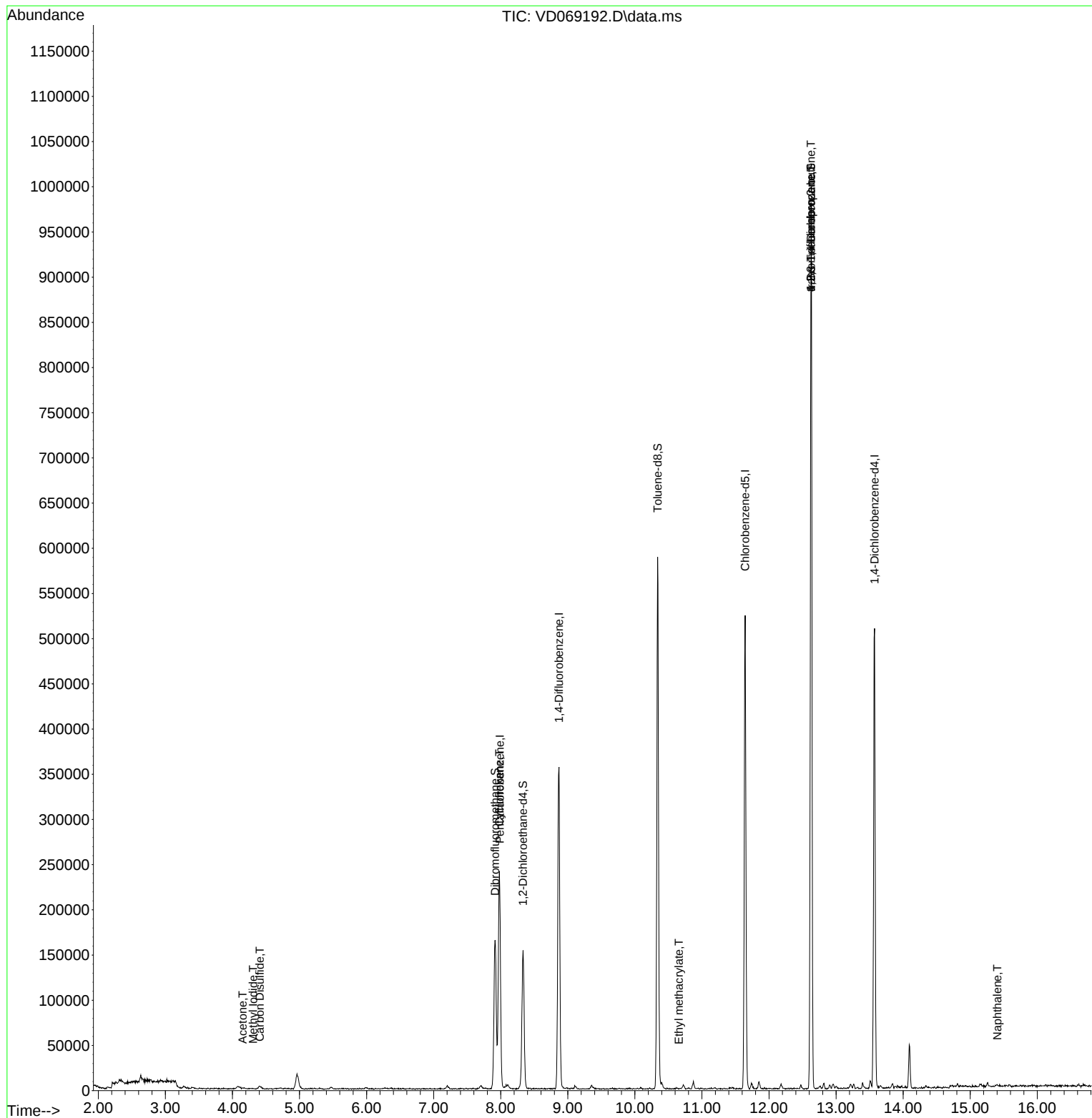
Internal Standards						
1) Pentafluorobenzene	7.985	168	172901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	322049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	302923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	136987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	121299	69.98	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 139.96%		
35) Dibromofluoromethane	7.914	113	120443	57.47	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 114.94%		
50) Toluene-d8	10.338	98	399761	51.91	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 103.82%		
62) 4-Bromofluorobenzene	12.626	95	141290	57.02	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 114.04%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	499	1.17	ug/l #	57
11) Tert butyl alcohol	5.232	59	127	Below Cal	#	73
16) Acetone	4.150	43	455	1.71	ug/l #	41
17) Carbon Disulfide	4.409	76	6862	1.20	ug/l	100
20) Methylene Chloride	4.962	84	12530	Below Cal	#	87
31) Cyclohexane	7.979	56	5048	1.97	ug/l #	47
49) 1,4-Dioxane	9.456	88	67	Below Cal	#	29
56) Ethyl methacrylate	10.655	69	75	1.36	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	73816	71.68	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	73816	144.80	ug/l #	15
95) Naphthalene	15.402	128	2556	2.59	ug/l #	84

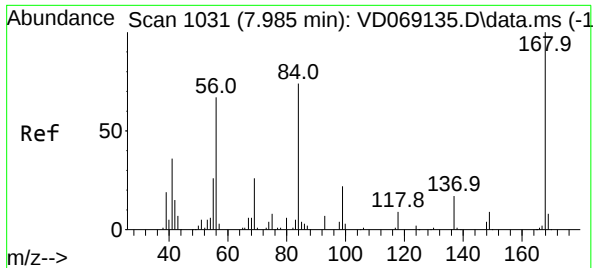
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
Data File : VD069192.D
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Quant Time: May 20 01:00:29 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

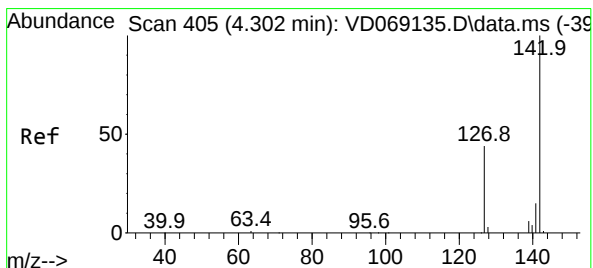
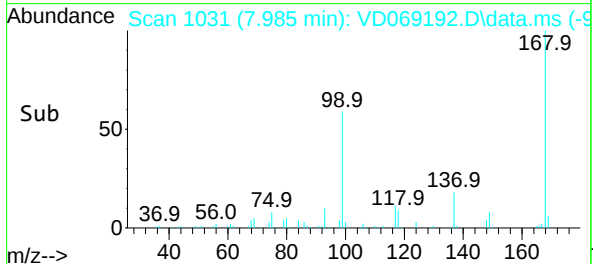
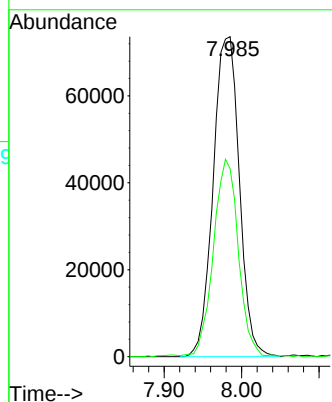
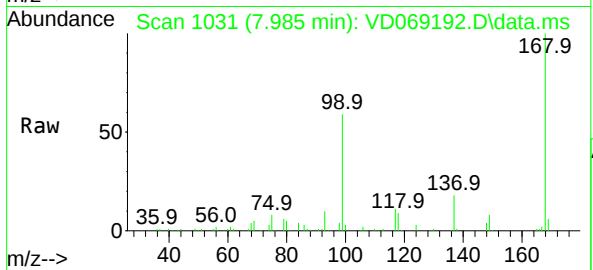




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

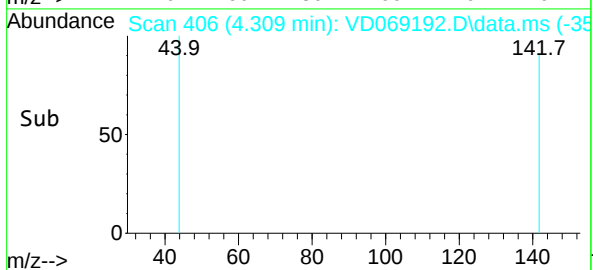
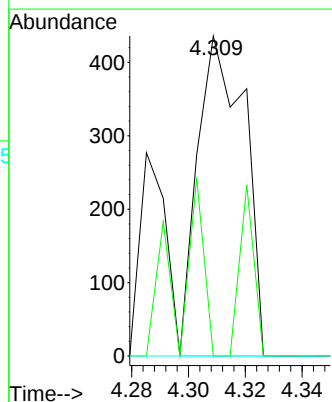
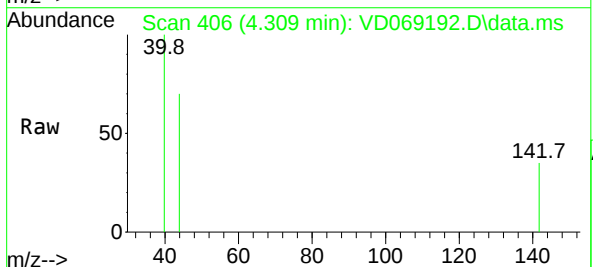
Instrument :
MSVOA_D
ClientSampleId :

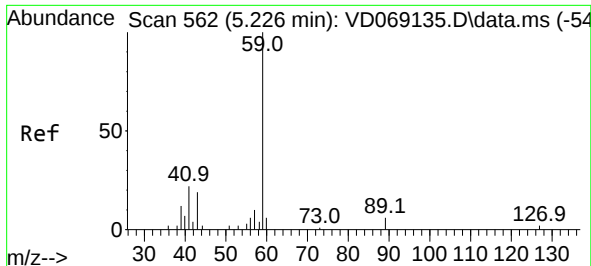
Tgt Ion:168 Resp: 172901
Ion Ratio Lower Upper
168 100
99 58.4 47.2 70.8



#10
Methyl Iodide
Concen: 1.17 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.007 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

Tgt Ion:142 Resp: 499
Ion Ratio Lower Upper
142 100
127 16.4 37.3 55.9#
141 0.0 12.2 18.4#



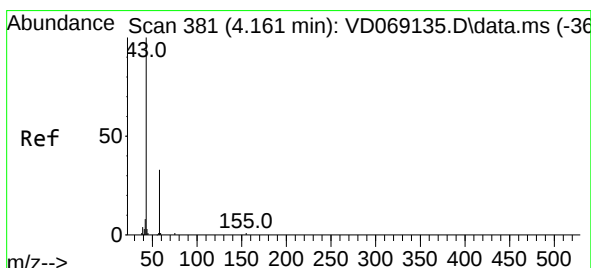
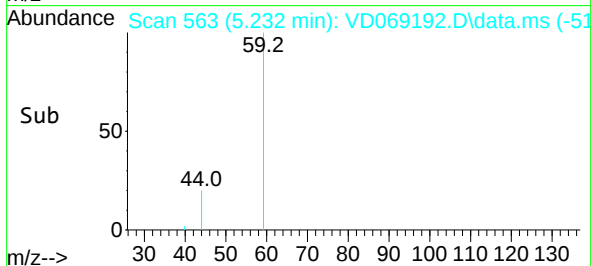
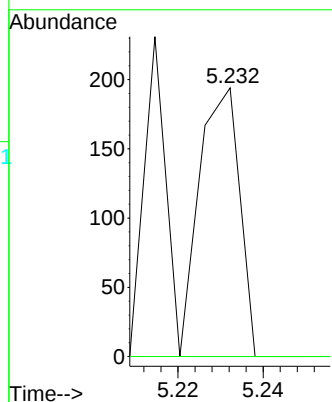
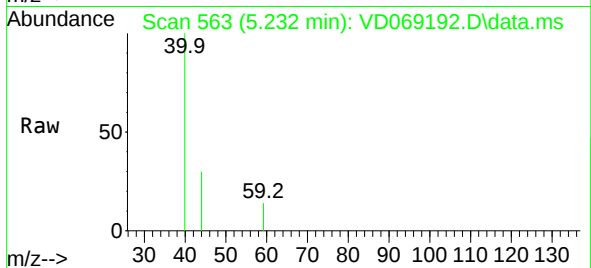


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

Instrument :
MSVOA_D
ClientSampled :

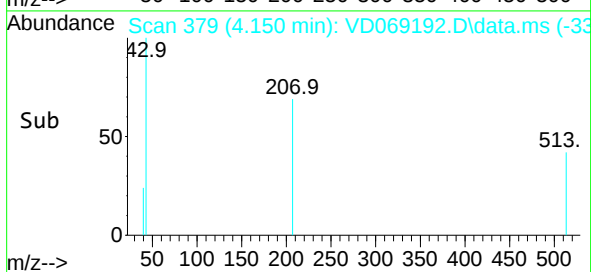
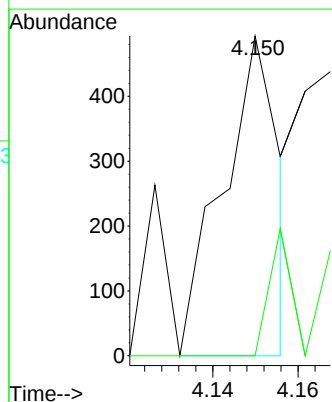
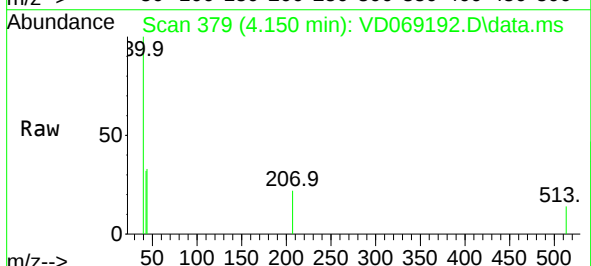
Tgt Ion: 59 Resp: 127
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

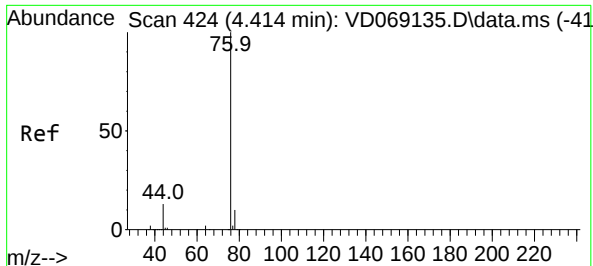


#16

Acetone
Concen: 1.71 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#

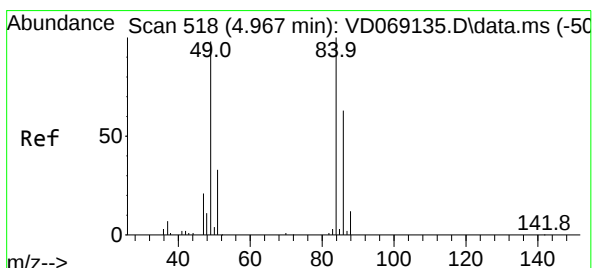
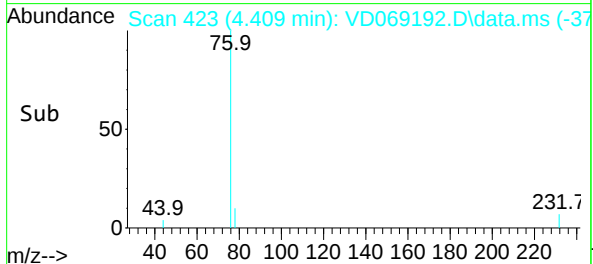
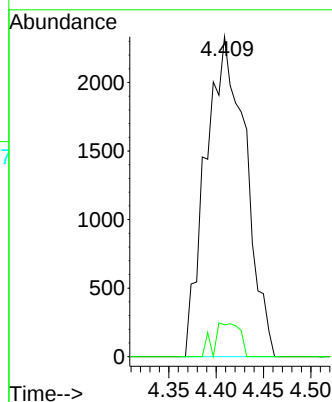
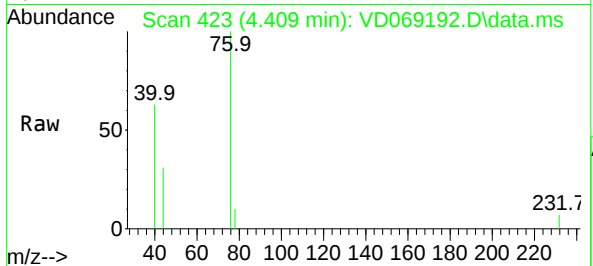




#17
Carbon Disulfide
Concen: 1.20 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

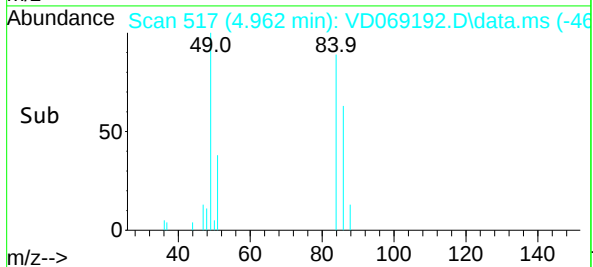
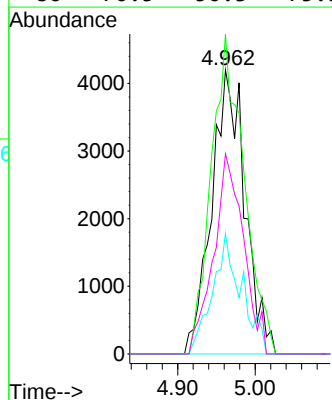
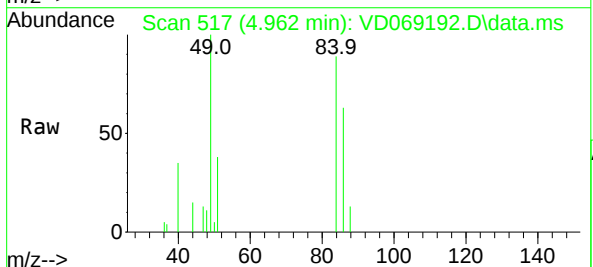
Instrument :
MSVOA_D
ClientSampled :

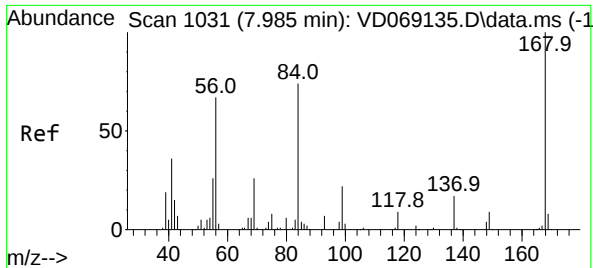
Tgt Ion: 76 Resp: 6862
Ion Ratio Lower Upper
76 100
78 9.9 8.1 12.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

Tgt Ion: 84 Resp: 12530
Ion Ratio Lower Upper
84 100
49 112.7 78.6 117.8
51 42.5 26.7 40.1#
86 70.5 50.3 75.5

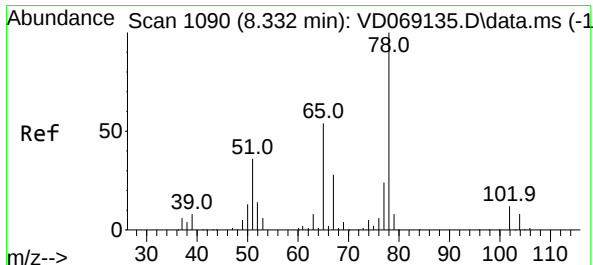
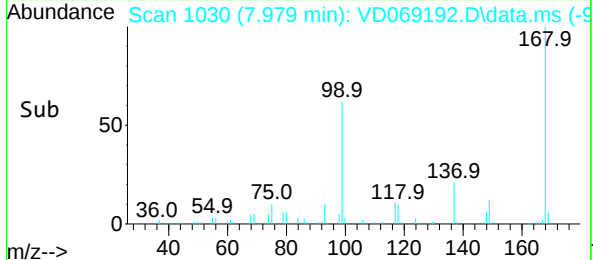
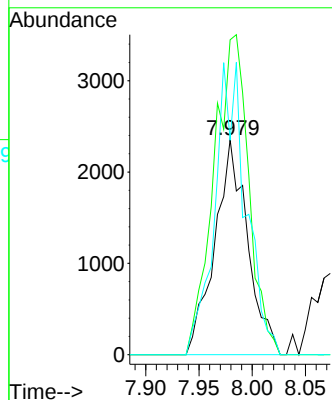
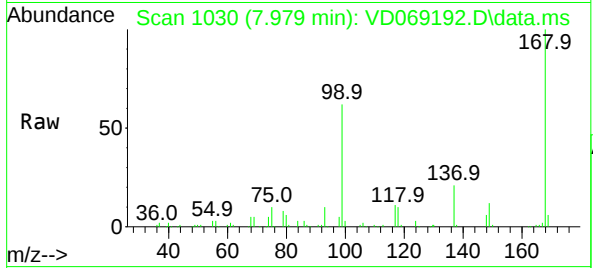




#31
Cyclohexane
Concen: 1.97 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.005 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

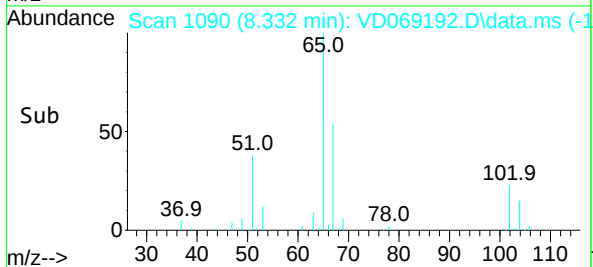
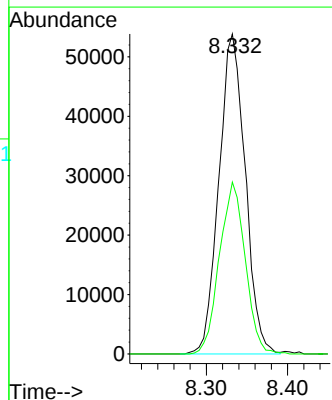
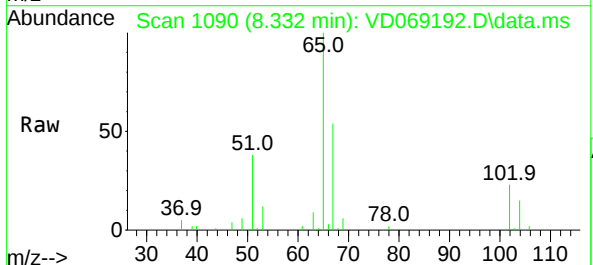
Instrument :
MSVOA_D
ClientSampleId :

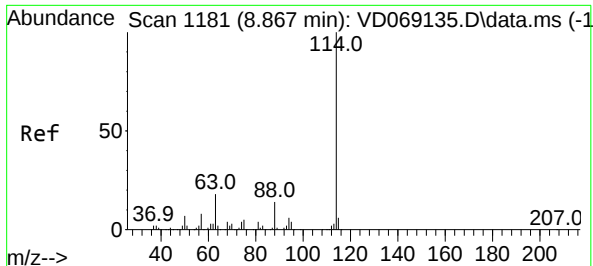
Tgt Ion: 56 Resp: 5048
Ion Ratio Lower Upper
56 100
69 146.3 30.6 46.0#
84 99.6 88.0 132.0



#33
1,2-Dichloroethane-d4
Concen: 69.98 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

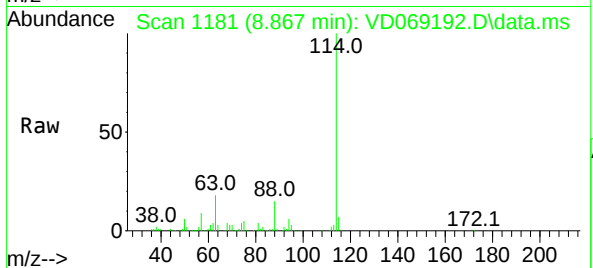
Tgt Ion: 65 Resp: 121299
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0



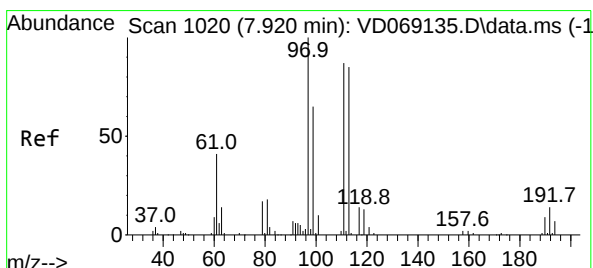
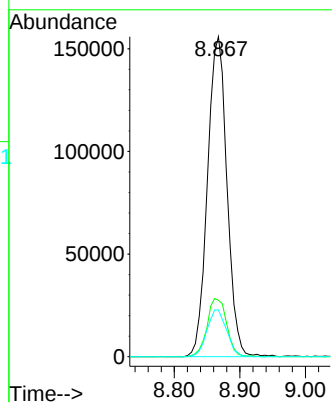
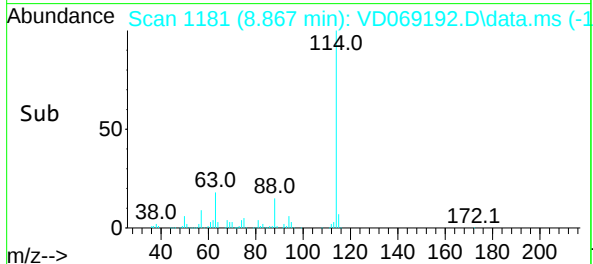


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

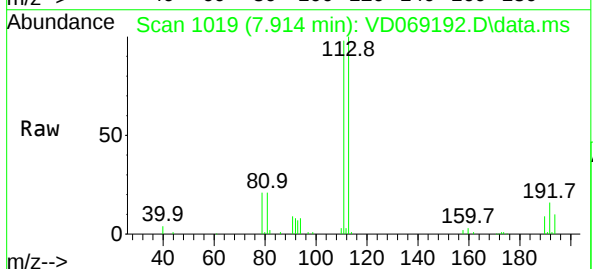
Instrument :
MSVOA_D
ClientSampled :



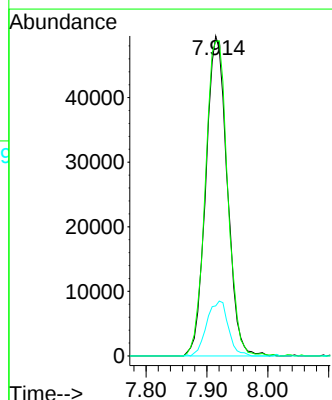
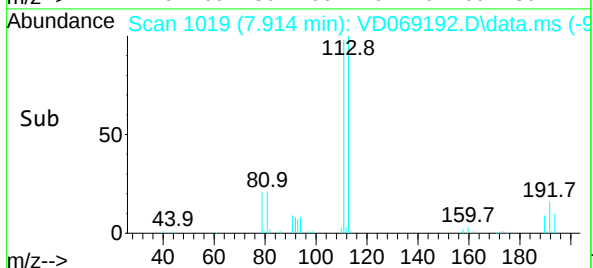
Tgt Ion:114 Resp: 322049
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.4
88 14.6 0.0 28.2

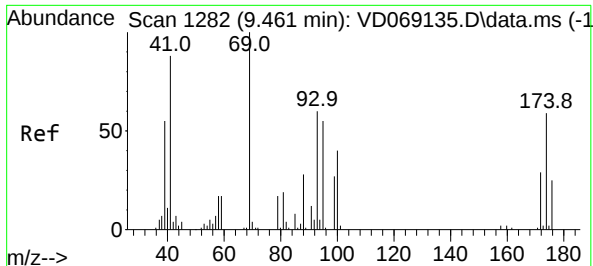


#35
Dibromofluoromethane
Concen: 57.47 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07



Tgt Ion:113 Resp: 120443
Ion Ratio Lower Upper
113 100
111 102.7 80.6 120.8
192 17.3 14.8 22.2

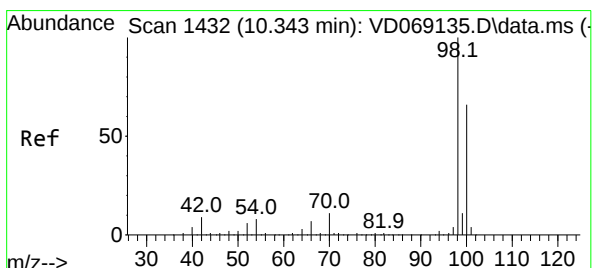
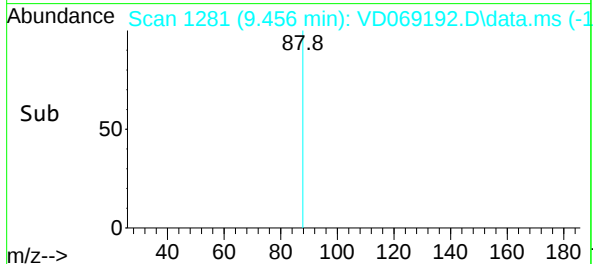
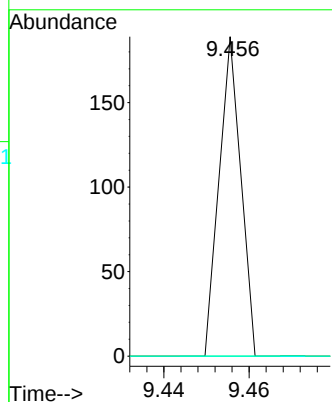
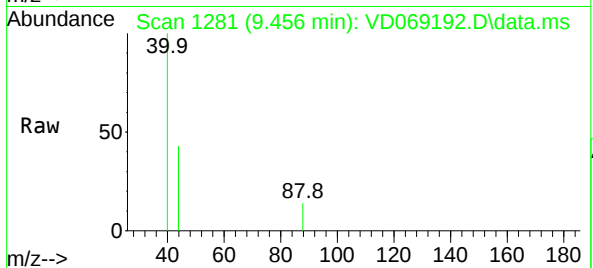




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.456 min Scan# 1281
Delta R.T. -0.005 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

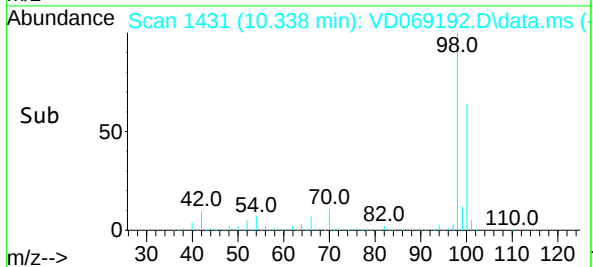
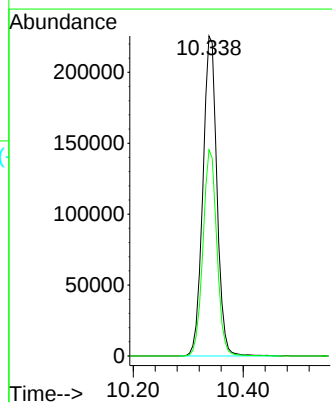
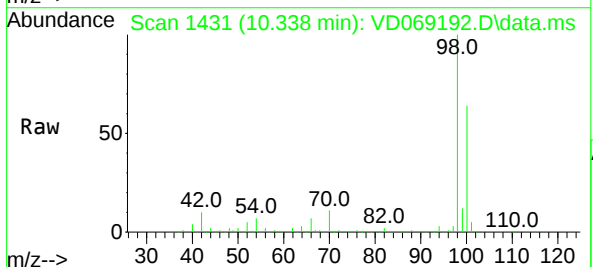
Instrument :
MSVOA_D
ClientSampled :

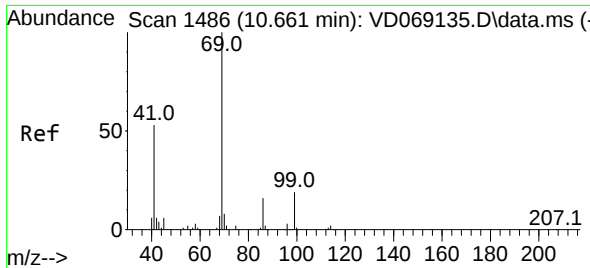
Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 0.0 26.7 40.1#
58 0.0 45.8 68.6#



#50
Toluene-d8
Concen: 51.91 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

Tgt Ion: 98 Resp: 399761
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8

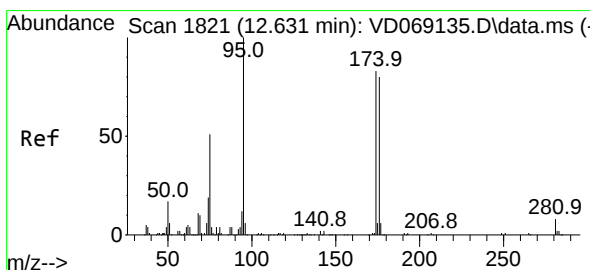
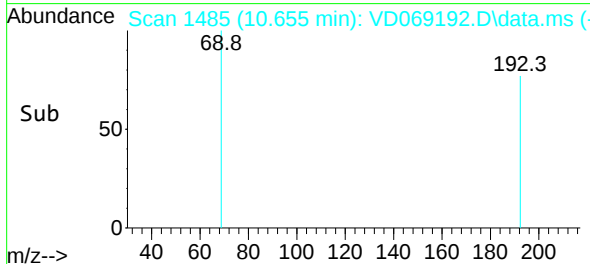
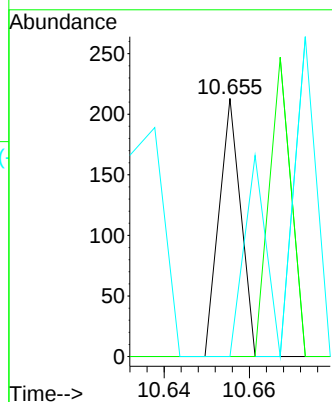
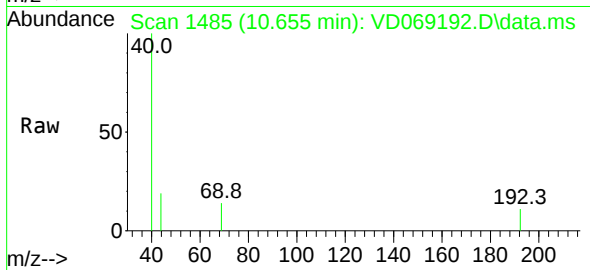




#56
Ethyl methacrylate
Concen: 1.36 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

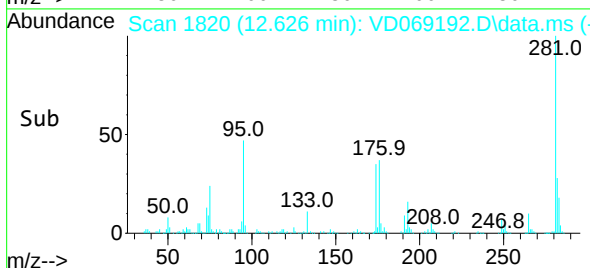
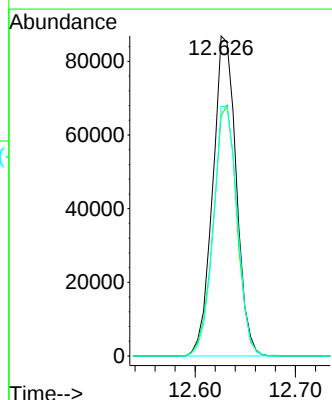
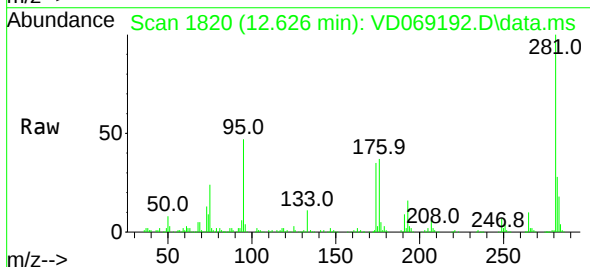
Instrument :
MSVOA_D
ClientSampled :

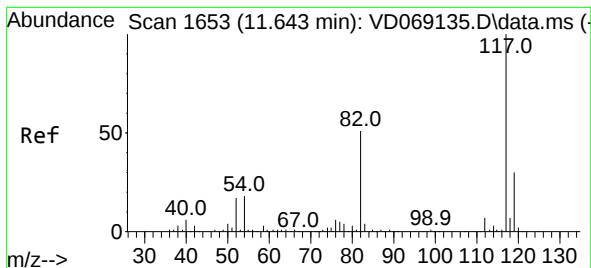
Tgt Ion: 69 Resp: 75
Ion Ratio Lower Upper
69 100
41 116.0 42.2 63.2#
39 202.7 26.3 39.5#



#62
4-Bromofluorobenzene
Concen: 57.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.005 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

Tgt Ion: 95 Resp: 141290
Ion Ratio Lower Upper
95 100
174 79.0 0.0 171.8
176 79.2 0.0 165.4

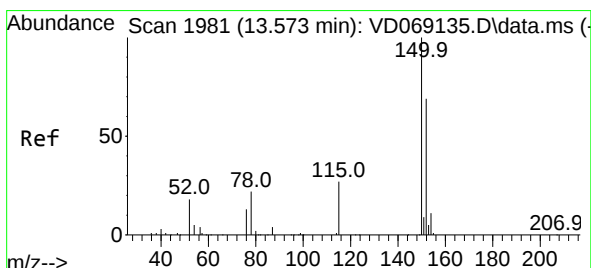
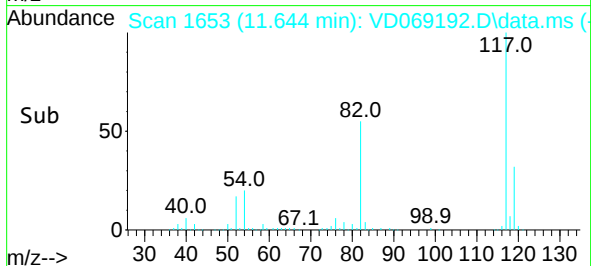
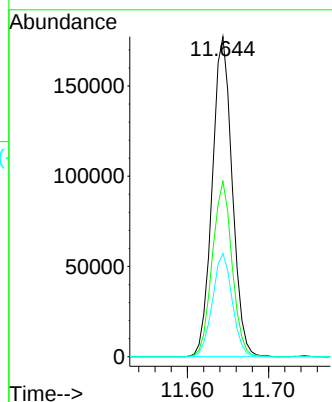
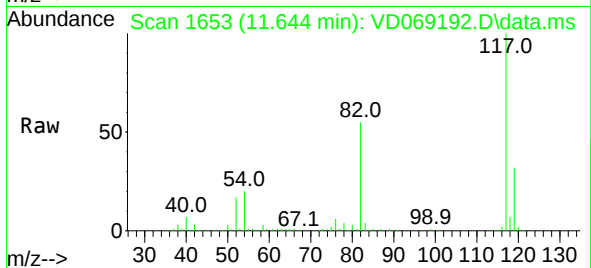




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

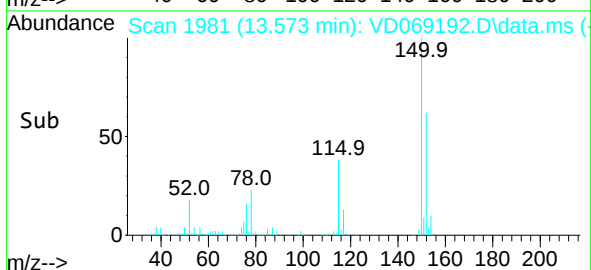
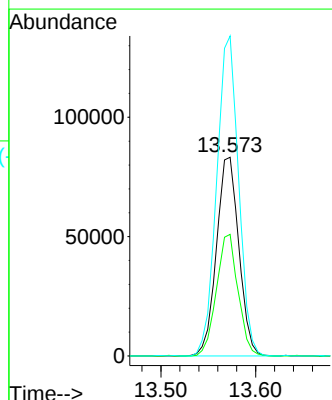
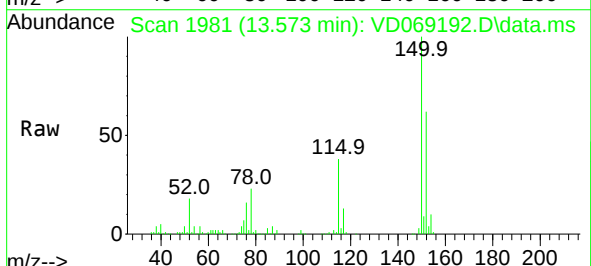
Instrument :
MSVOA_D
ClientSampleId :

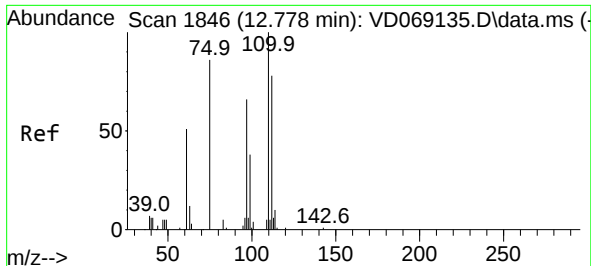
Tgt Ion:117 Resp: 302923
Ion Ratio Lower Upper
117 100
82 54.8 40.5 60.7
119 32.2 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

Tgt Ion:152 Resp: 136987
Ion Ratio Lower Upper
152 100
115 58.9 29.9 89.8
150 157.3 0.0 350.2

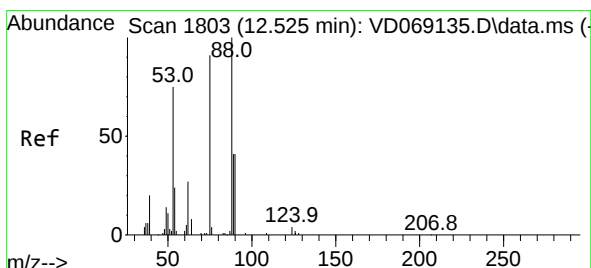
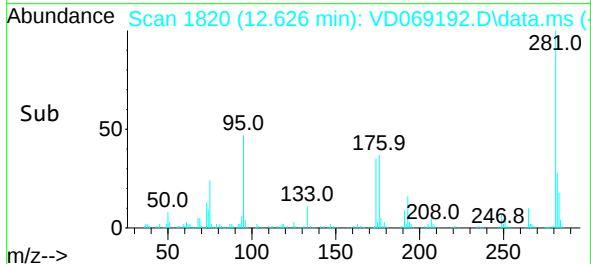
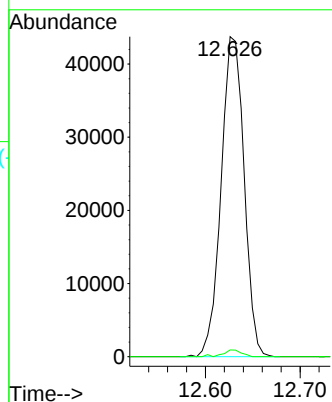
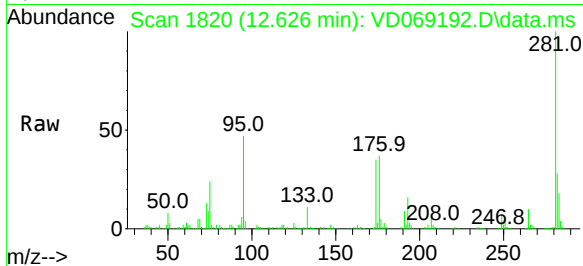




#76
1,2,3-Trichloropropane
Concen: 71.68 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.152 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

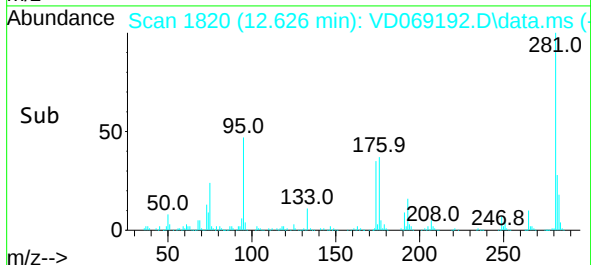
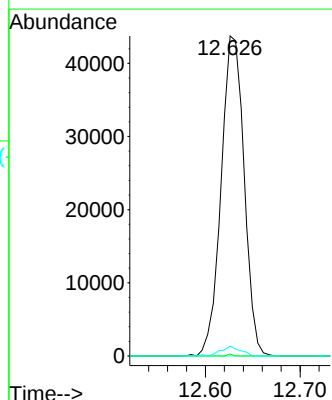
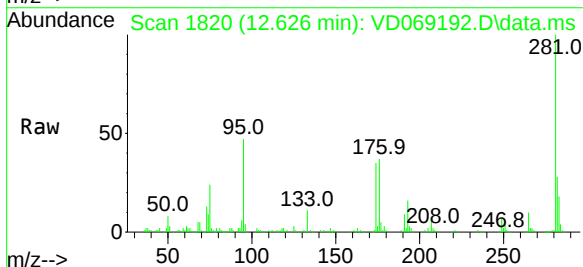
Instrument :
MSVOA_D
ClientSampled :

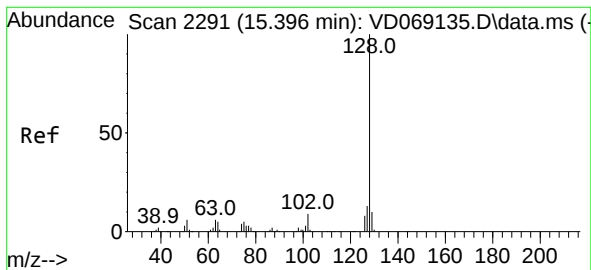
Tgt Ion: 75 Resp: 73816
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.80 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

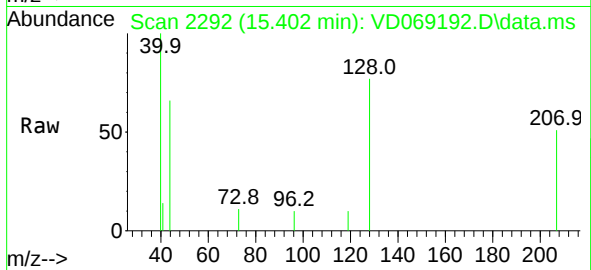
Tgt Ion: 75 Resp: 73816
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 2.6 40.2 60.2#





#95
Naphthalene
Concen: 2.59 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 2556
Ion Ratio Lower Upper
128 100
127 9.4 10.5 15.7#
129 2.3 8.9 13.3#

