

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069482.D
 Acq On : 17 Jun 2021 16:18
 Operator : VA/SY
 Sample : M2736-01
 Misc : 7.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-061621

Quant Time: Jun 18 01:27:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

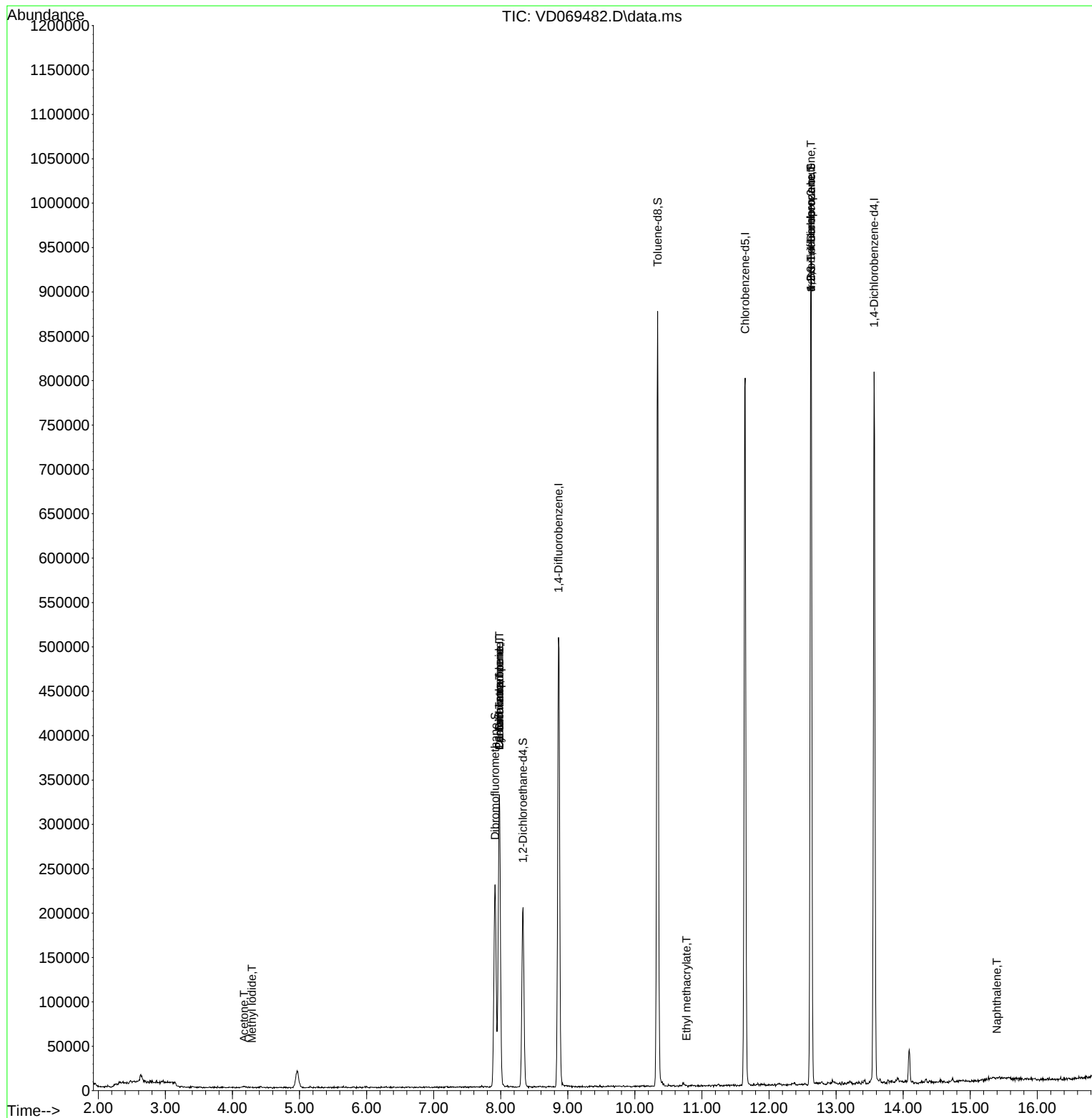
Internal Standards						
1) Pentafluorobenzene	7.979	168	246412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	455096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	492666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	225150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	162623	58.499	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.000%			
35) Dibromofluoromethane	7.914	113	168801	49.521	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.040%			
50) Toluene-d8	10.338	98	599407	48.079	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.160%			
62) 4-Bromofluorobenzene	12.626	95	212229	53.054	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.100%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	766	Below Cal	#	69
10) Methyl Iodide	4.291	142	79	3.360	ug/l #	39
16) Acetone	4.173	43	3106	6.750	ug/l #	40
18) Methyl Acetate	4.515	43	67	Below Cal	#	46
20) Methylene Chloride	4.962	84	16812	Below Cal		92
31) Cyclohexane	7.979	56	5740	1.520	ug/l #	18
36) 1,1-Dichloropropene	7.979	75	20505	4.327	ug/l #	49
38) Carbon Tetrachloride	7.979	117	24742	4.820	ug/l #	16
56) Ethyl methacrylate	10.767	69	66	2.844	ug/l #	36
76) 1,2,3-Trichloropropane	12.626	75	106606	46.703	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	106606	124.591	ug/l #	19
95) Naphthalene	15.396	128	61	3.578	ug/l #	69

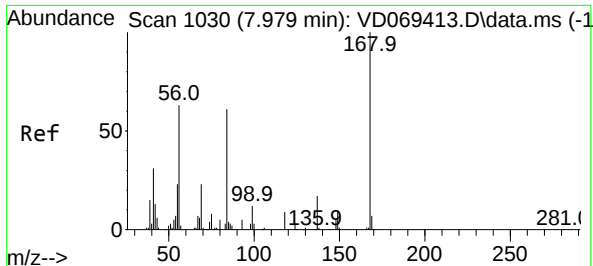
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

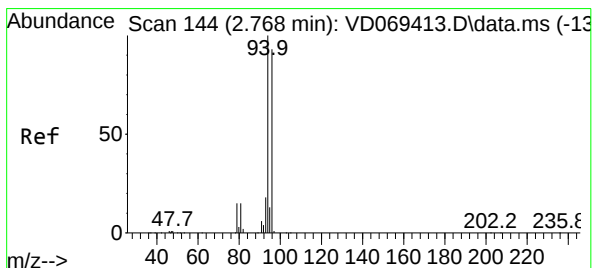
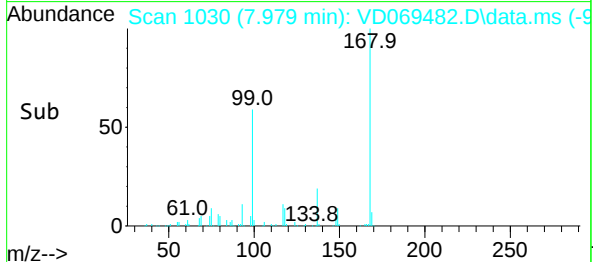
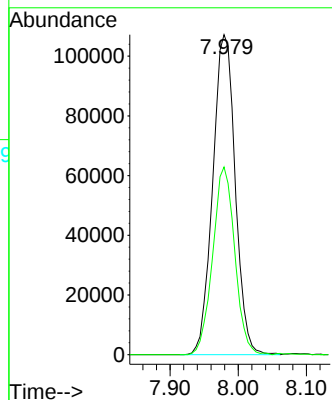
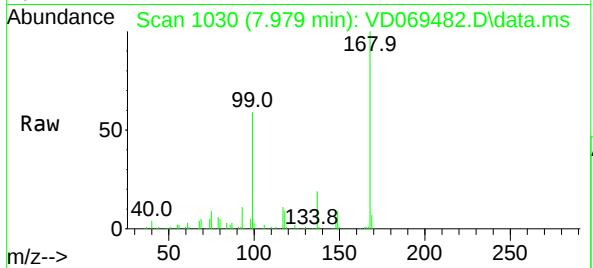




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

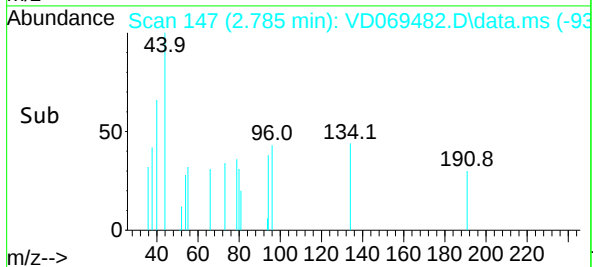
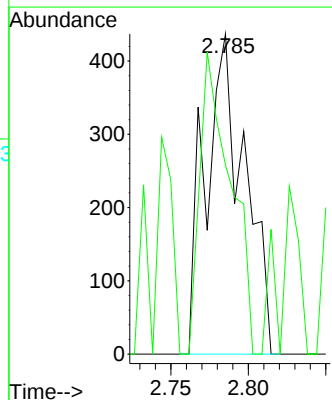
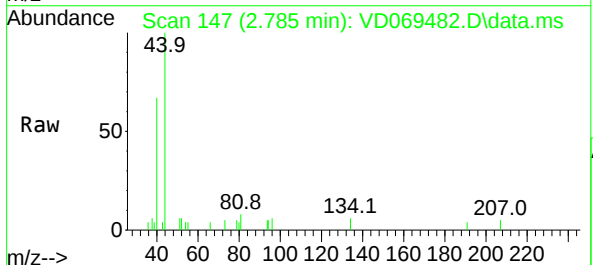
Instrument :
MSVOA_D
ClientSampleId :
PL-01-061621

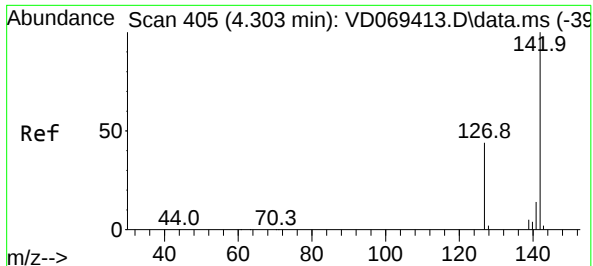
Tgt Ion:168 Resp: 246412
Ion Ratio Lower Upper
168 100
99 58.7 46.2 69.2



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

Tgt Ion: 94 Resp: 766
Ion Ratio Lower Upper
94 100
96 59.0 70.3 105.5#

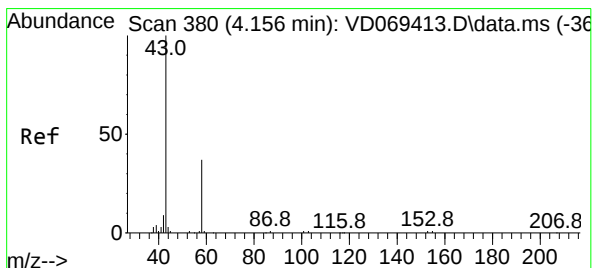
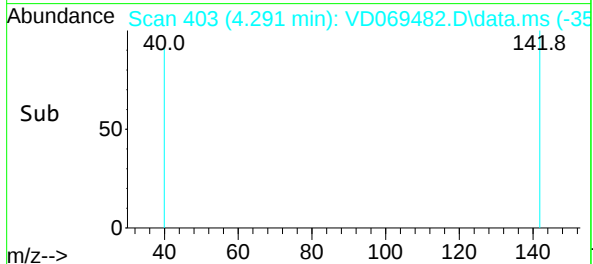
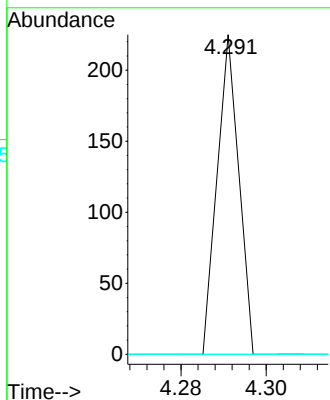
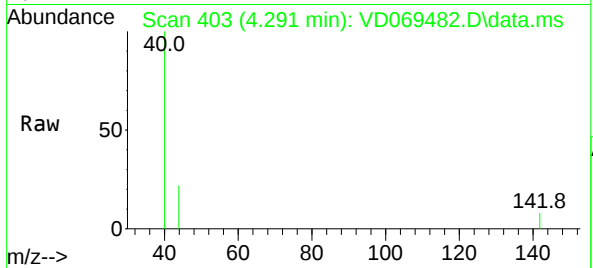




#10
Methyl Iodide
Concen: 3.360 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

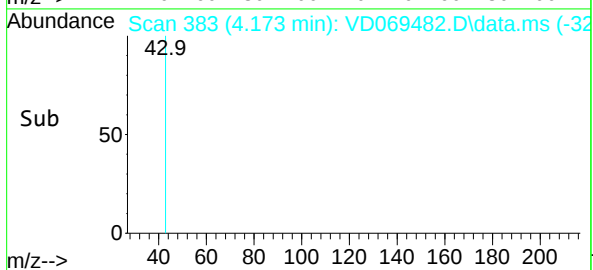
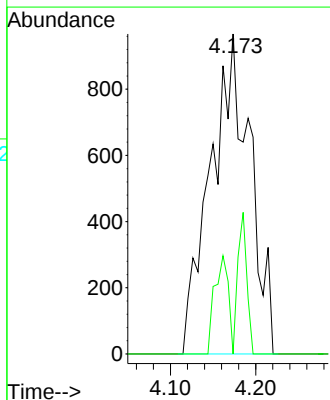
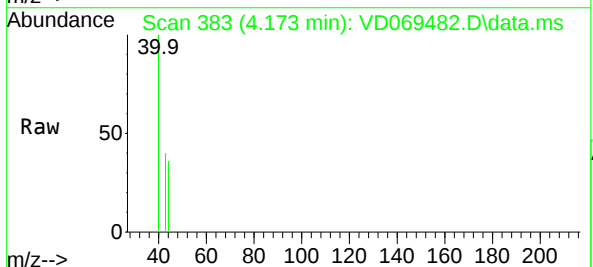
Instrument :
MSVOA_D
ClientSampleId :
PL-01-061621

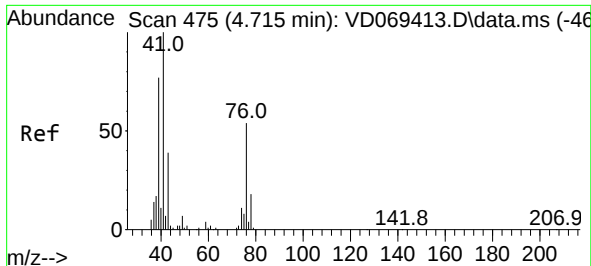
Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



#16
Acetone
Concen: 6.750 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

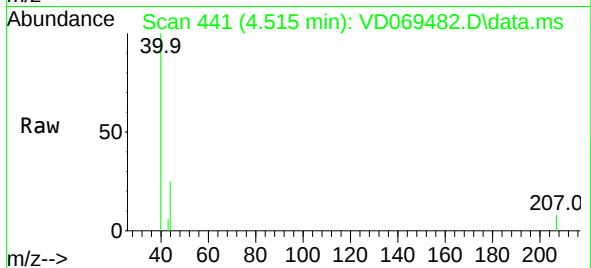
Tgt Ion: 43 Resp: 3106
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



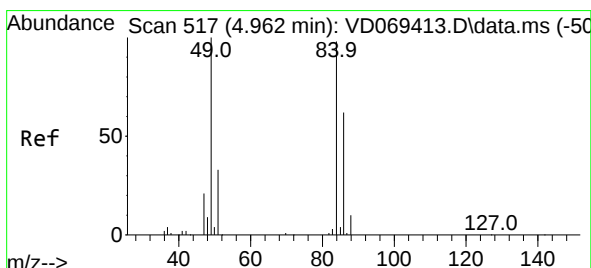
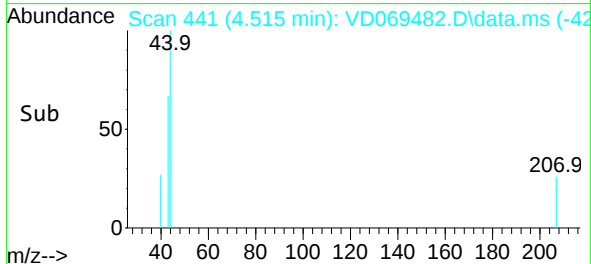
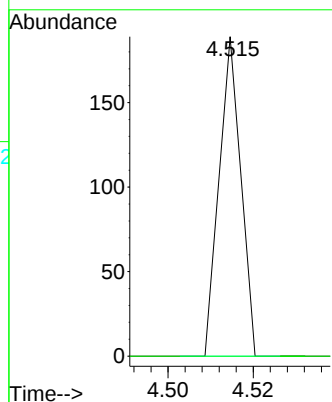


#18
Methyl Acetate
Concen: Below Cal
RT: 4.515 min Scan# 441
Delta R.T. -0.200 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

Instrument :
MSVOA_D
ClientSampleId :
PL-01-061621

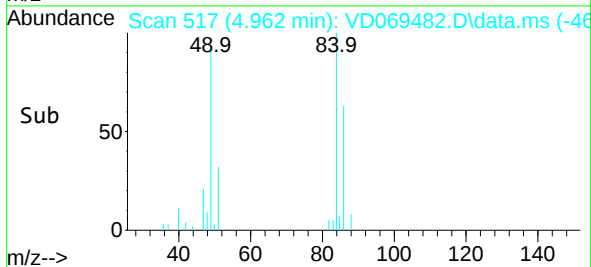
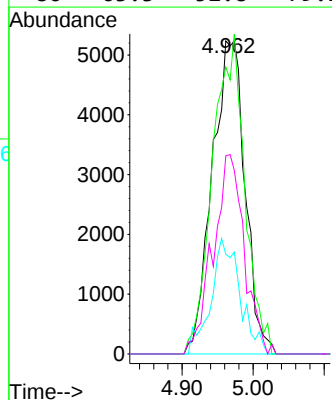
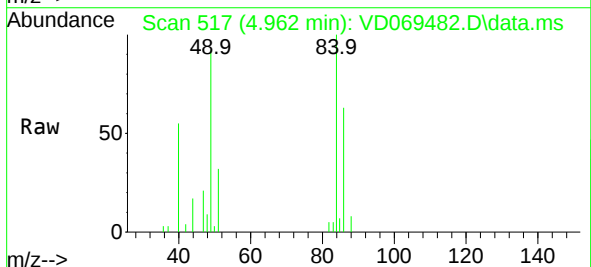


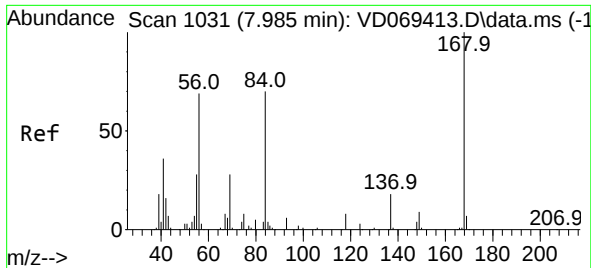
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

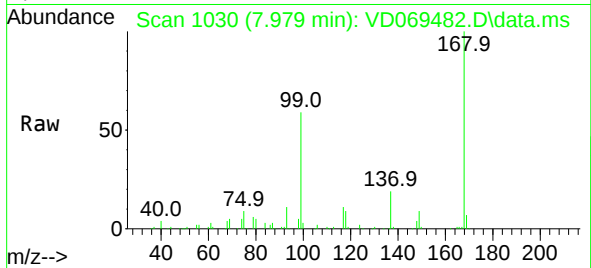
Tgt Ion: 84 Resp: 16812
Ion Ratio Lower Upper
84 100
49 91.7 83.7 125.5
51 31.8 26.4 39.6
86 63.3 52.8 79.2



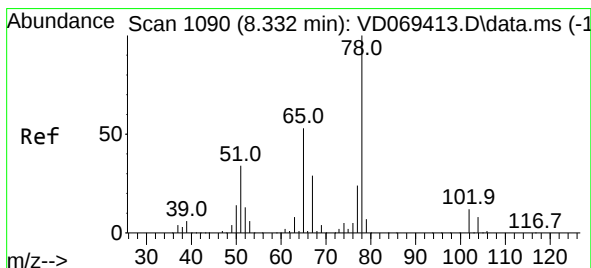
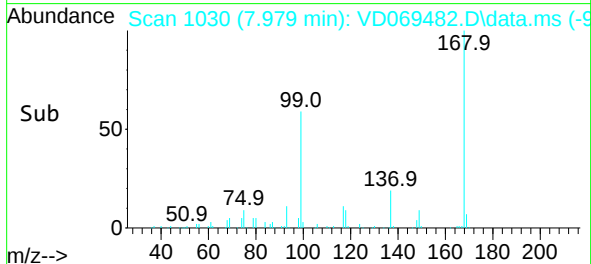
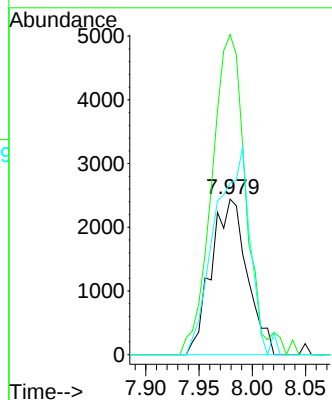


#31
Cyclohexane
Concen: 1.520 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

Instrument :
MSVOA_D
ClientSampleId :
PL-01-061621

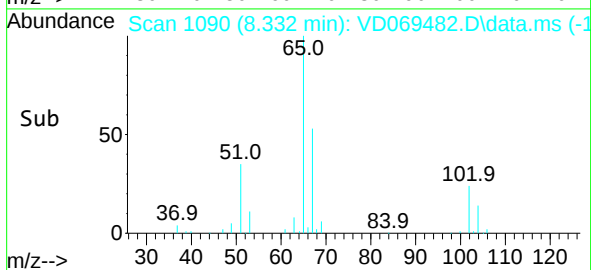
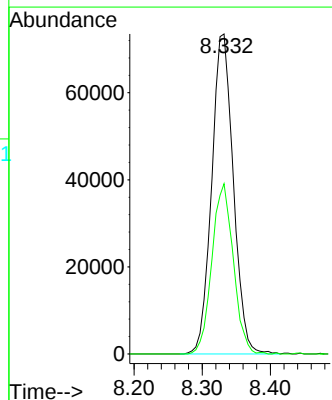
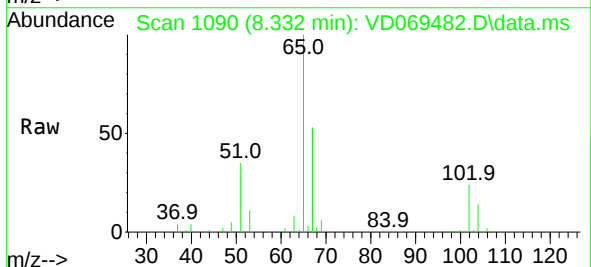


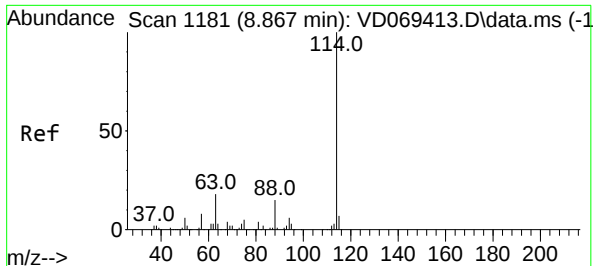
Tgt Ion: 56 Resp: 5740
Ion Ratio Lower Upper
56 100
69 205.7 29.0 43.4#
84 110.0 81.1 121.7



#33
1,2-Dichloroethane-d4
Concen: 58.499 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

Tgt Ion: 65 Resp: 162623
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8



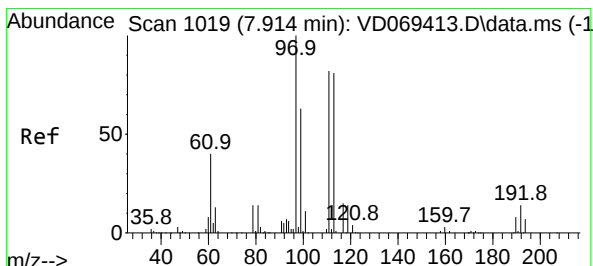
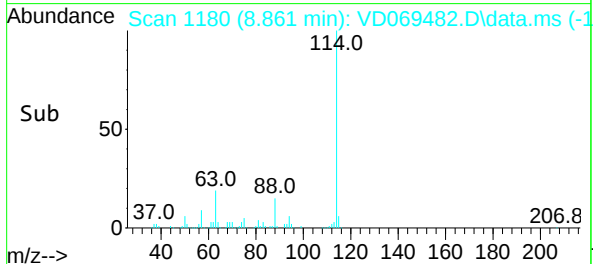
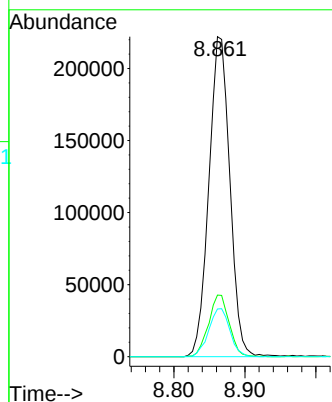
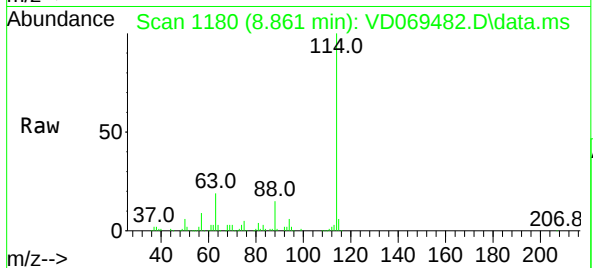


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

Instrument :
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ClientSampleId :
PL-01-061621

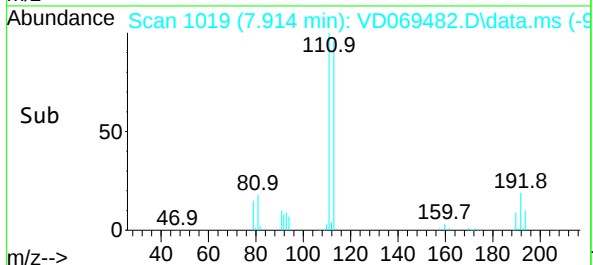
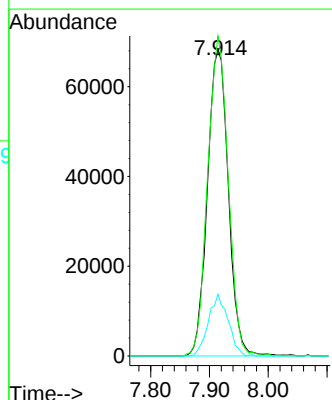
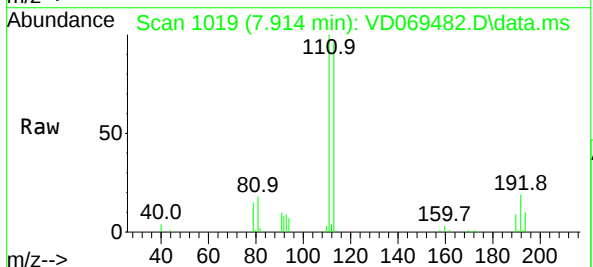
Tgt Ion:114 Resp: 455096
Ion Ratio Lower Upper
114 100
63 19.3 0.0 35.6
88 14.9 0.0 31.2

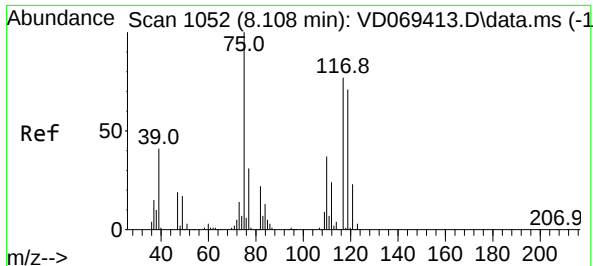


#35

Dibromofluoromethane
Concen: 49.521 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

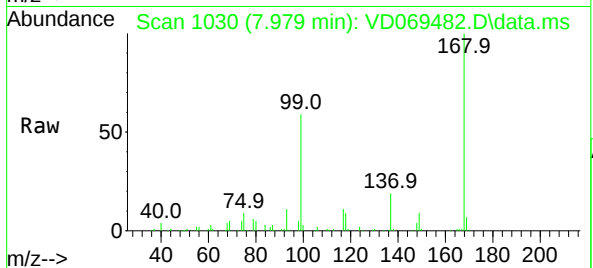
Tgt Ion:113 Resp: 168801
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.6
192 18.9 15.1 22.7



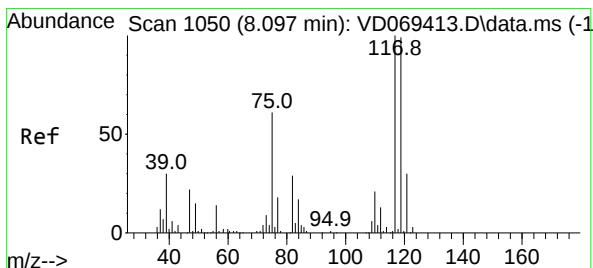
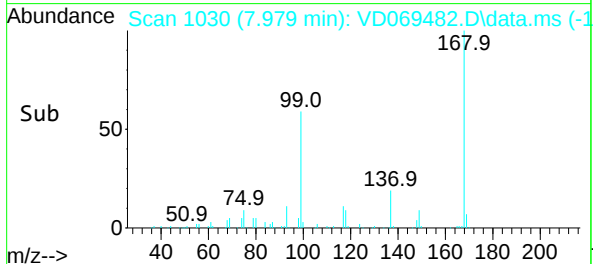
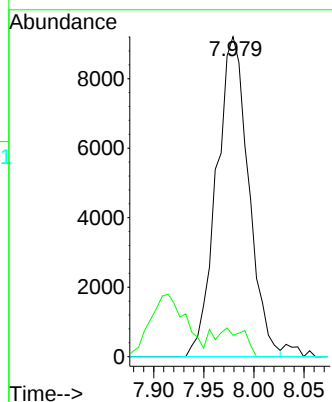


#36
1,1-Dichloropropene
Concen: 4.327 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

Instrument :
MSVOA_D
ClientSampleId :
PL-01-061621

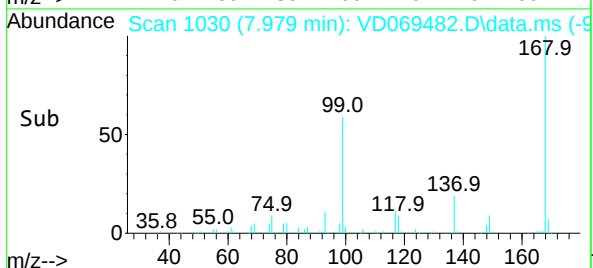
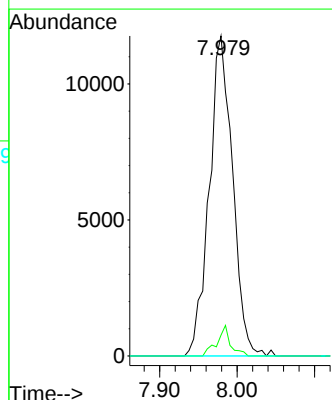
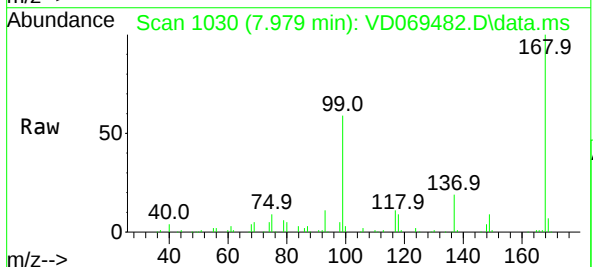


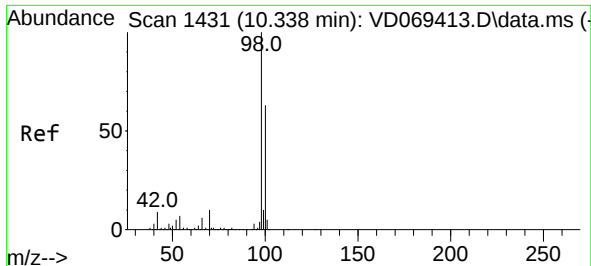
Tgt Ion: 75 Resp: 20505
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.820 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

Tgt Ion: 117 Resp: 24742
Ion Ratio Lower Upper
117 100
119 6.5 79.4 119.2#
121 0.0 26.1 39.1#

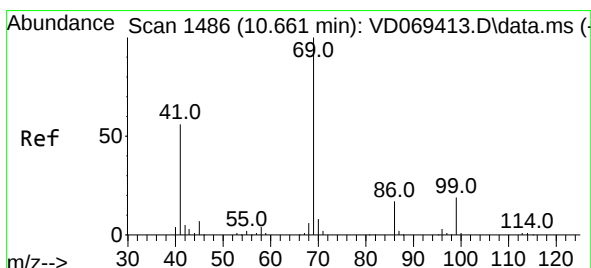
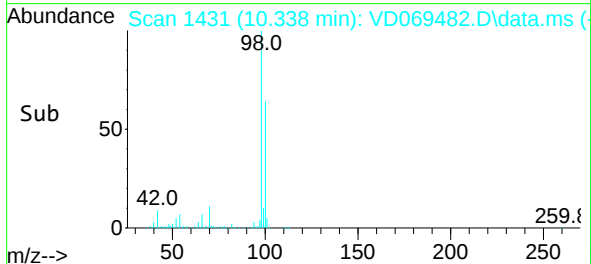
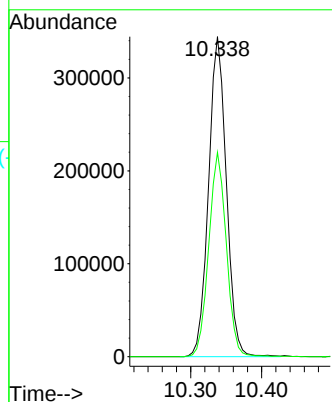
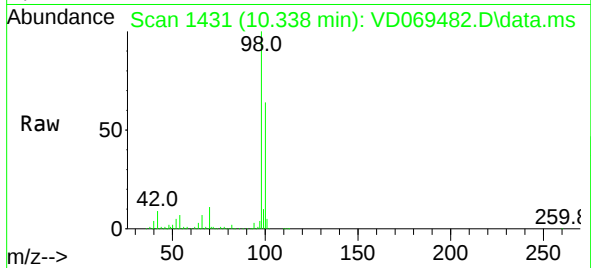




#50
Toluene-d8
Concen: 48.079 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

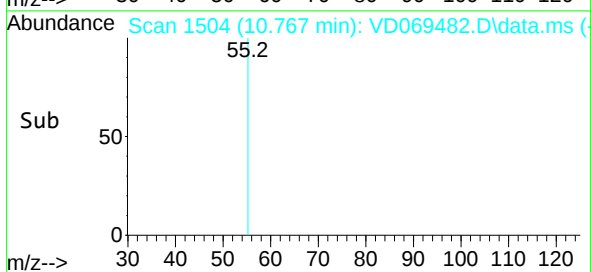
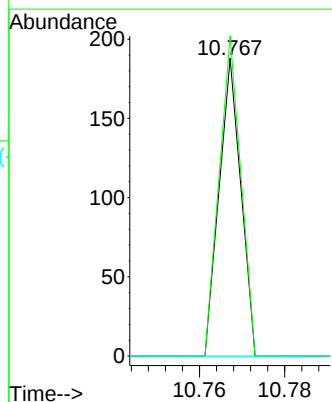
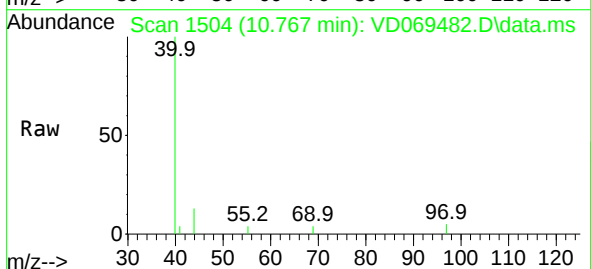
Instrument :
MSVOA_D
ClientSampleId :
PL-01-061621

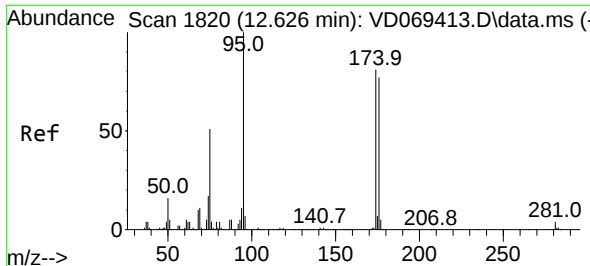
Tgt Ion: 98 Resp: 599407
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.844 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. 0.106 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

Tgt Ion: 69 Resp: 66
Ion Ratio Lower Upper
69 100
41 107.6 45.4 68.2#
39 0.0 21.7 32.5#

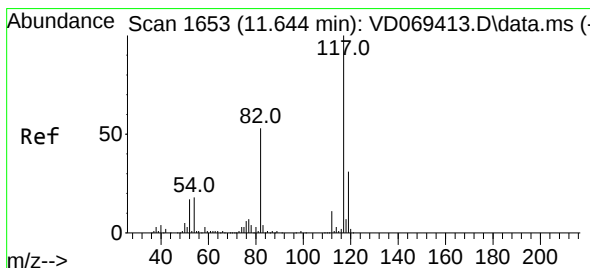
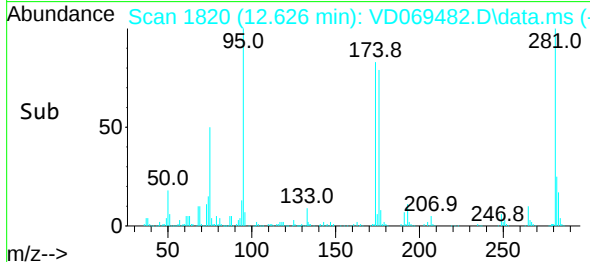
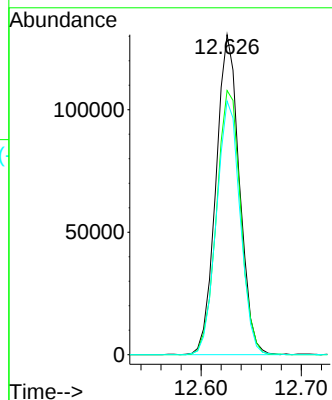
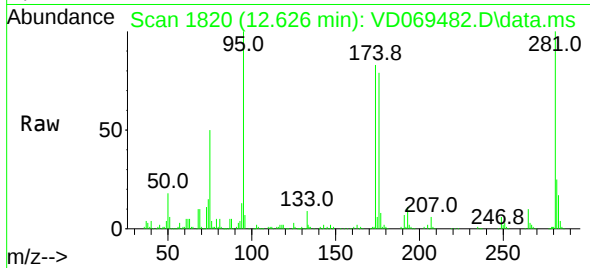




#62
4-Bromofluorobenzene
Concen: 53.054 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

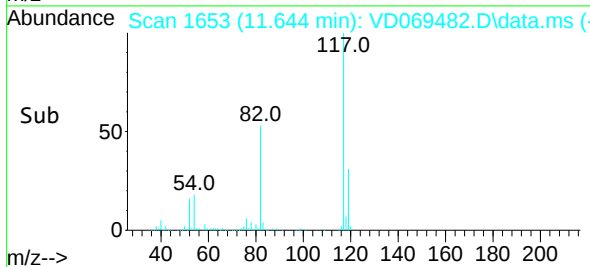
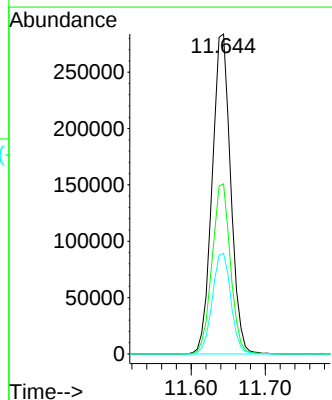
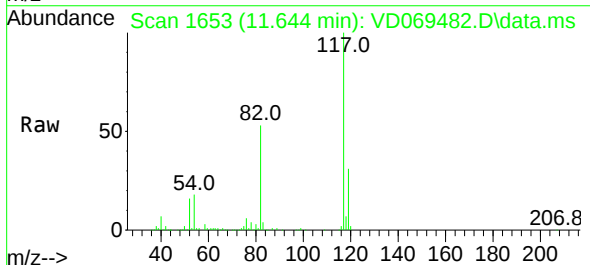
Instrument :
MSVOA_D
ClientSampleId :
PL-01-061621

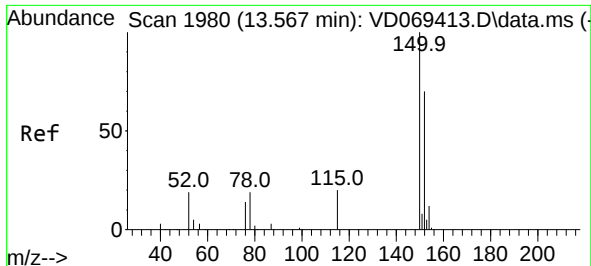
Tgt Ion: 95 Resp: 212229
Ion Ratio Lower Upper
95 100
174 84.6 0.0 162.8
176 79.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

Tgt Ion: 117 Resp: 492666
Ion Ratio Lower Upper
117 100
82 53.2 43.3 64.9
119 31.5 25.3 37.9

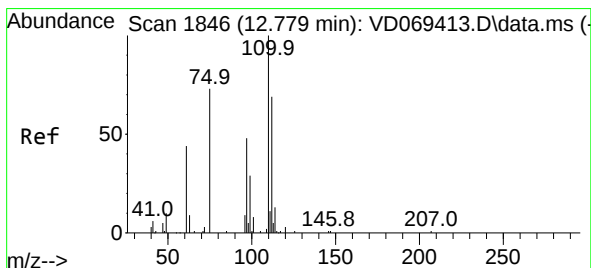
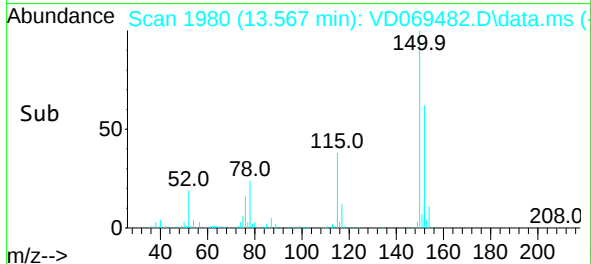
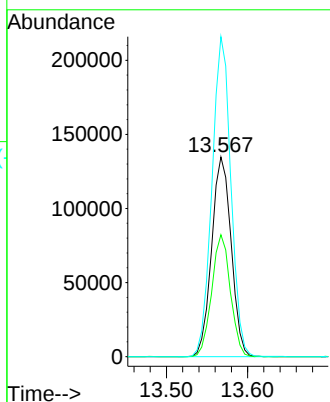
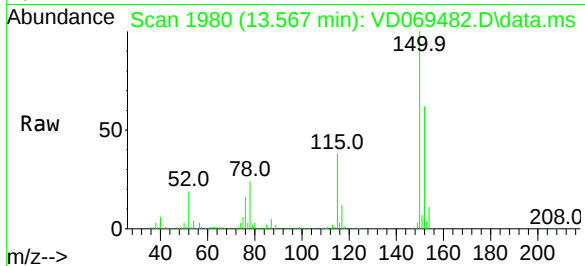




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

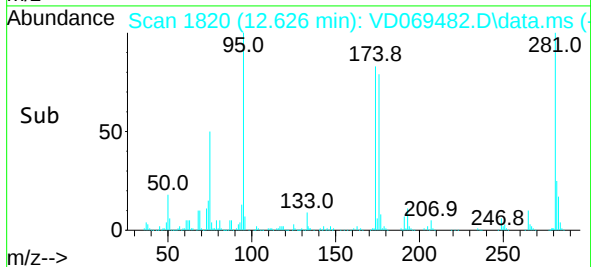
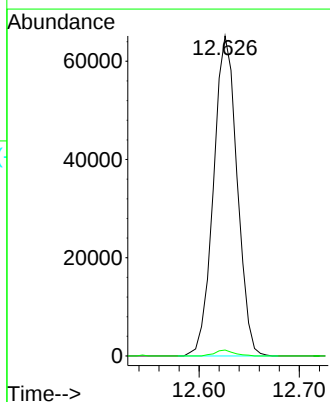
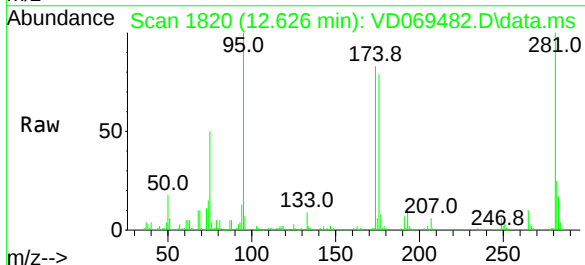
Instrument :
MSVOA_D
ClientSampleId :
PL-01-061621

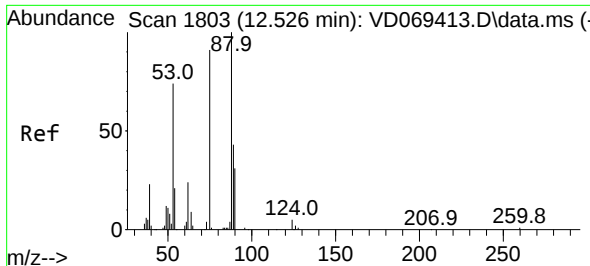
Tgt Ion:152 Resp: 225150
Ion Ratio Lower Upper
152 100
115 58.2 29.4 88.3
150 155.1 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 46.703 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

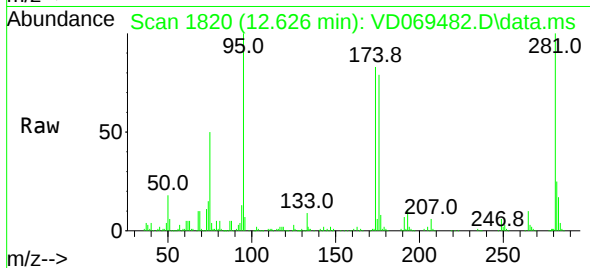
Tgt Ion: 75 Resp: 106606
Ion Ratio Lower Upper
75 100
77 1.5 183.8 551.2#



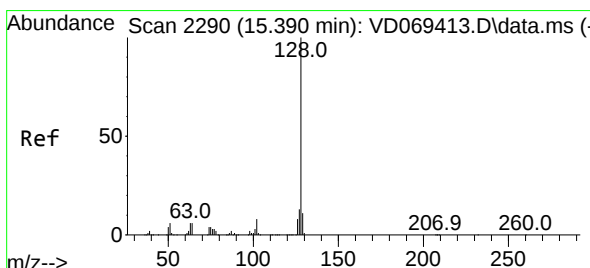
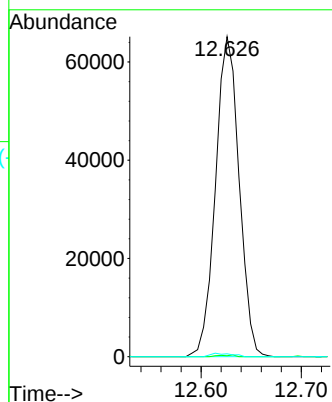
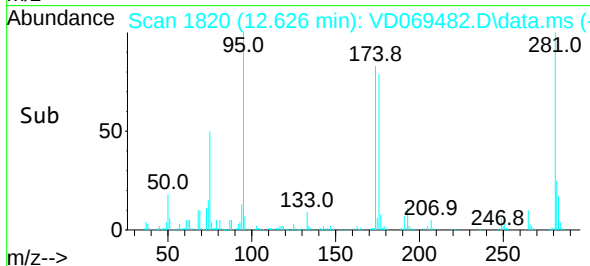


#81
trans-1,4-Dichloro-2-butene
Concen: 124.591 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18

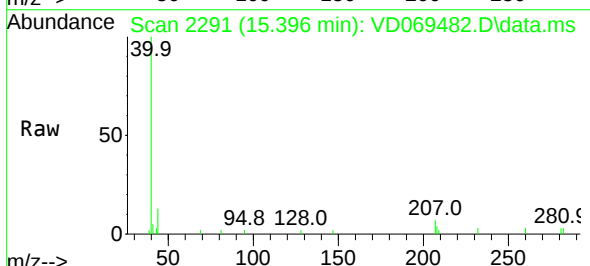
Instrument :
MSVOA_D
ClientSampleId :
PL-01-061621



Tgt Ion: 75 Resp: 106606
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 1.0 35.6 53.4#



#95
Naphthalene
Concen: 3.578 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.006 min
Lab File: VD069482.D
Acq: 17 Jun 2021 16:18



Tgt Ion: 128 Resp: 61
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

