

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069148.D
 Acq On : 13 May 2021 10:53
 Operator : VA/SY
 Sample : VD0513SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBL01

Quant Time: May 14 01:19:20 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)

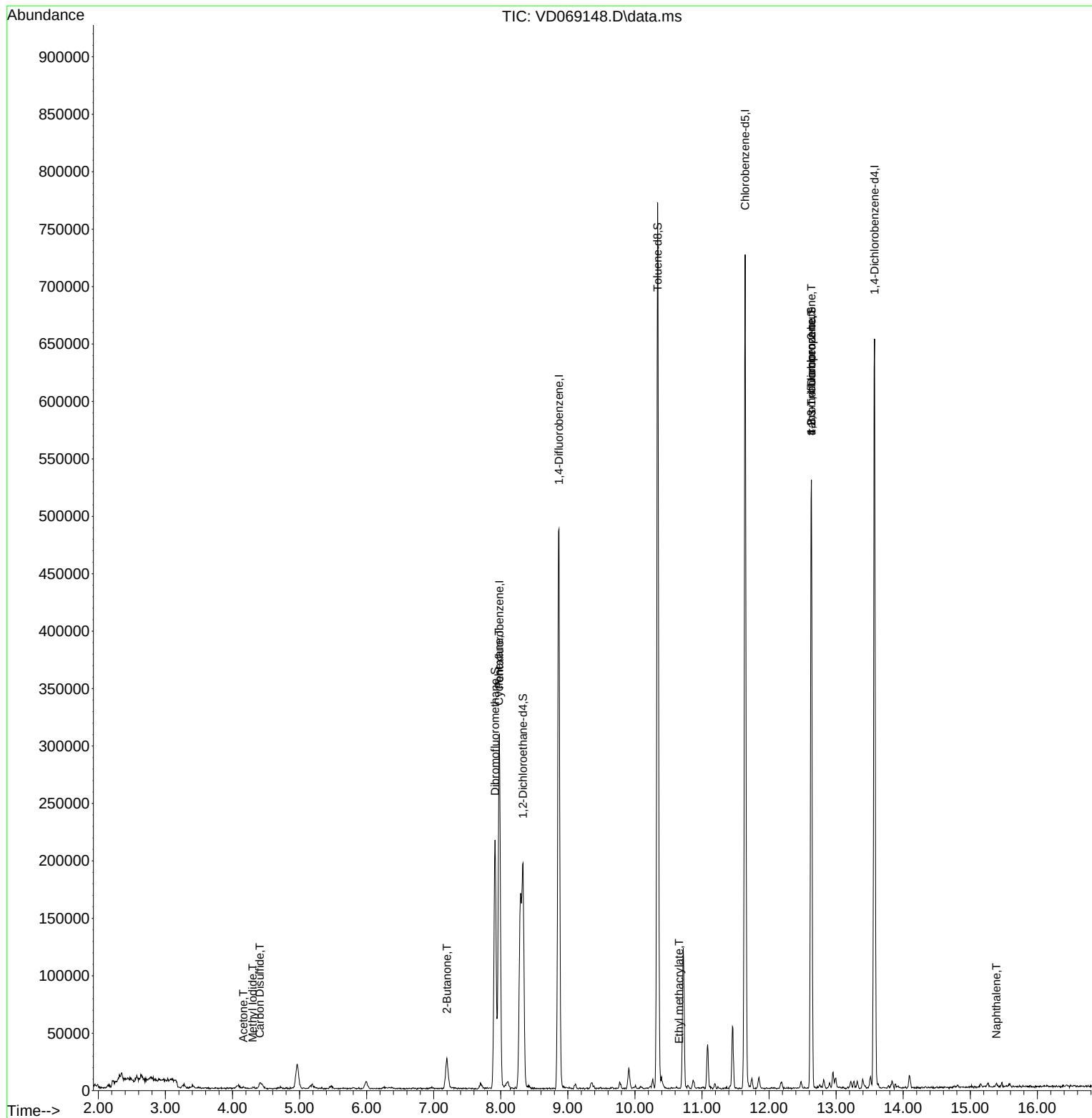
Internal Standards						
1) Pentafluorobenzene	7.979	168	222961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	430821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	413473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	177338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	141415	63.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.54%			
35) Dibromofluoromethane	7.914	113	149616	53.36	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.72%			
50) Toluene-d8	10.338	98	534949	51.93	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.86%			
62) 4-Bromofluorobenzene	12.632	95	159416	48.09	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.18%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	1102	1.34	ug/l #	74
11) Tert butyl alcohol	5.185	59	2672	Below Cal	#	73
16) Acetone	4.162	43	1766	5.16	ug/l	97
17) Carbon Disulfide	4.409	76	8314	1.12	ug/l #	90
20) Methylene Chloride	4.961	84	17373	Below Cal	#	89
25) 2-Butanone	7.197	43	1709	3.68	ug/l #	38
31) Cyclohexane	7.973	56	6795	2.05	ug/l #	27
56) Ethyl methacrylate	10.661	69	175	1.39	ug/l #	32
76) 1,2,3-Trichloropropane	12.632	75	78955	59.23	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	78955	119.64	ug/l #	14
95) Naphthalene	15.390	128	3060	2.55	ug/l #	91

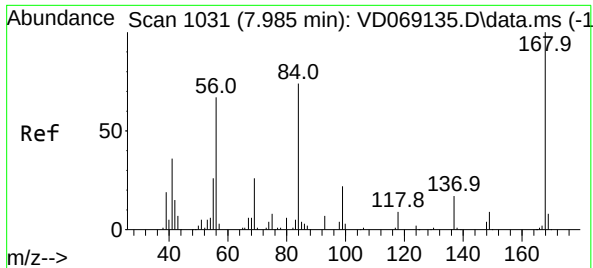
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
Data File : VD069148.D
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Operator : VA/SY
Sample : VD0513SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

Quant Time: May 14 01:19:20 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

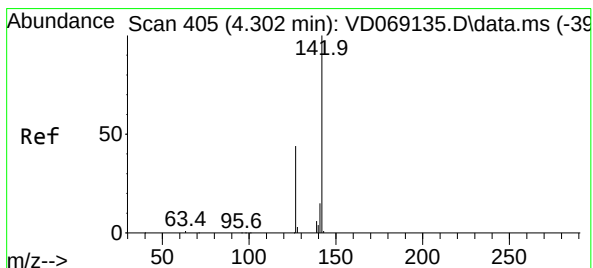
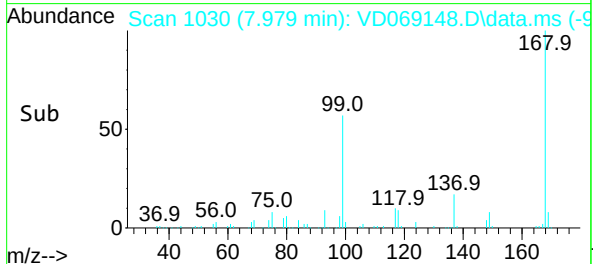
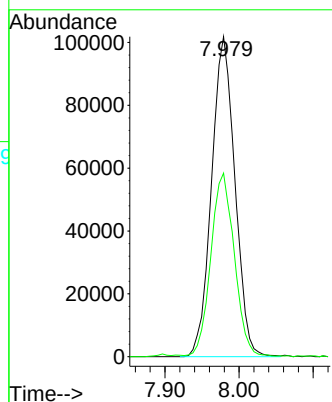
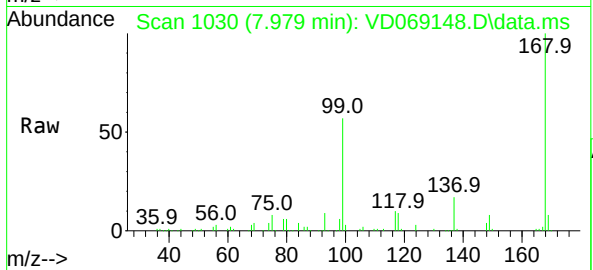




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

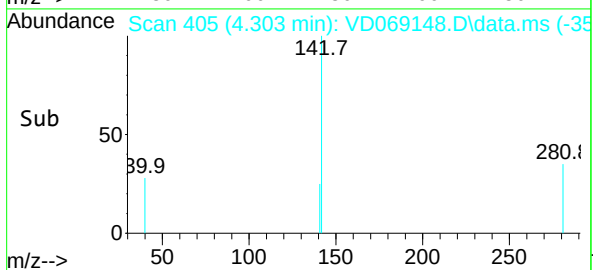
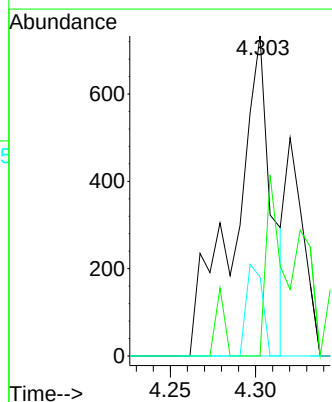
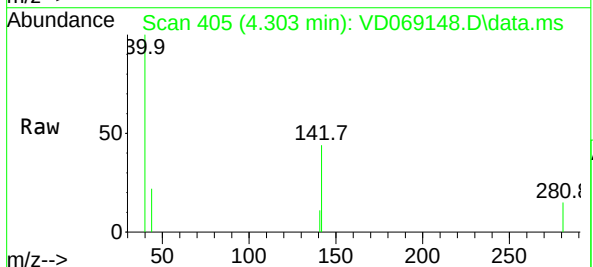
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

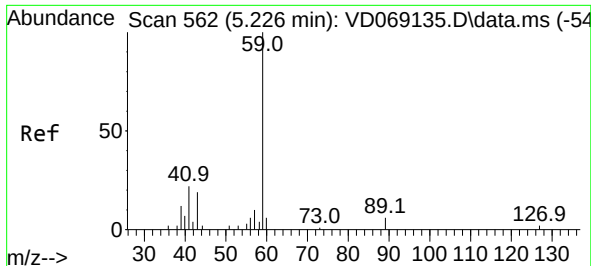
Tgt Ion:168 Resp: 222961
Ion Ratio Lower Upper
168 100
99 57.1 47.2 70.8



#10
Methyl Iodide
Concen: 1.34 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Tgt Ion:142 Resp: 1102
Ion Ratio Lower Upper
142 100
127 24.7 37.3 55.9#
141 12.5 12.2 18.4

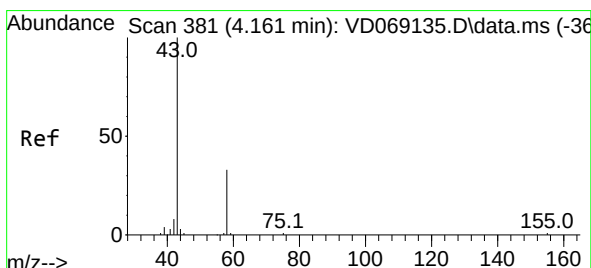
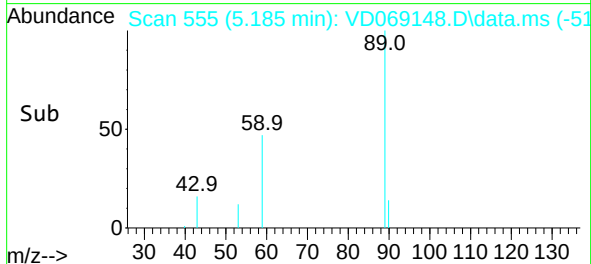
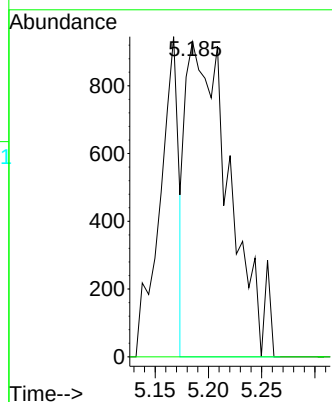
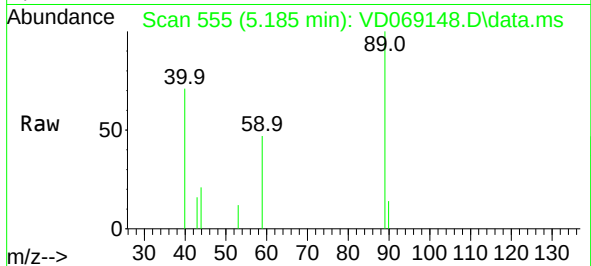




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.041 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

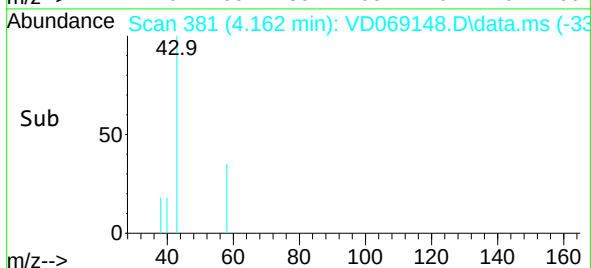
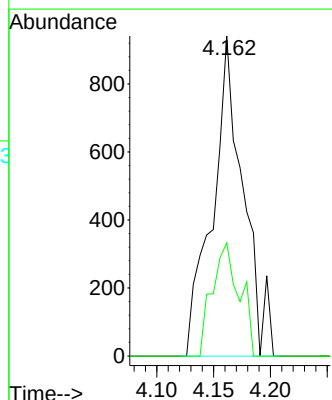
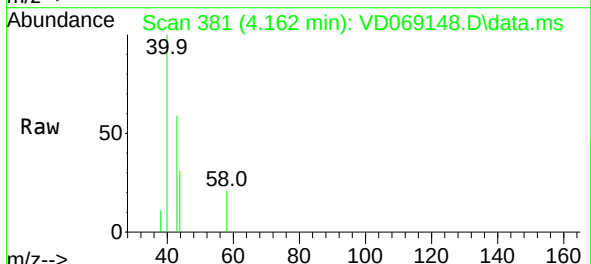
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

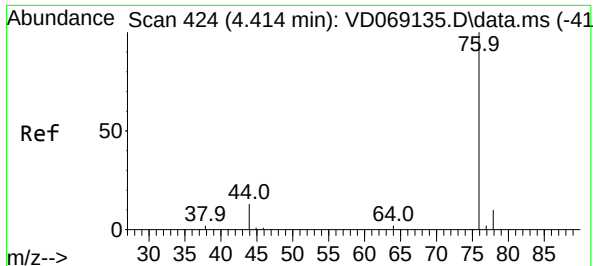
Tgt Ion: 59 Resp: 2672
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 5.16 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Tgt Ion: 43 Resp: 1766
Ion Ratio Lower Upper
43 100
58 35.4 26.7 40.1

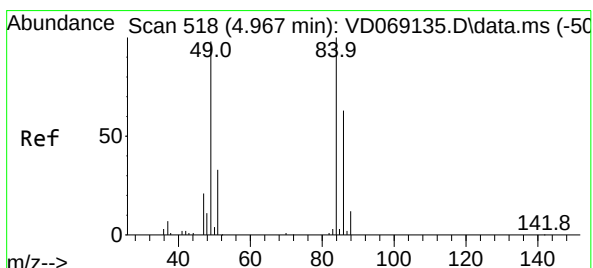
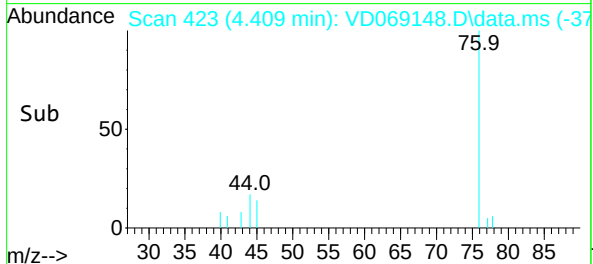
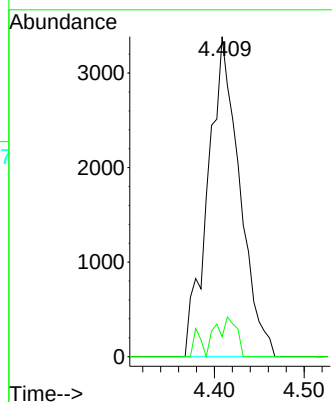
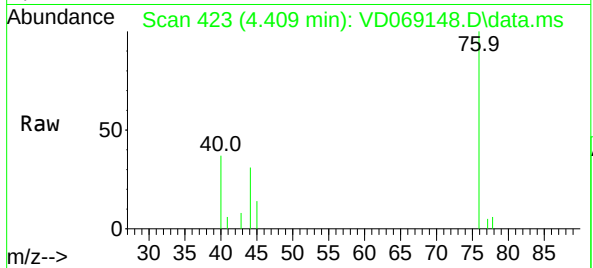




#17
Carbon Disulfide
Concen: 1.12 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

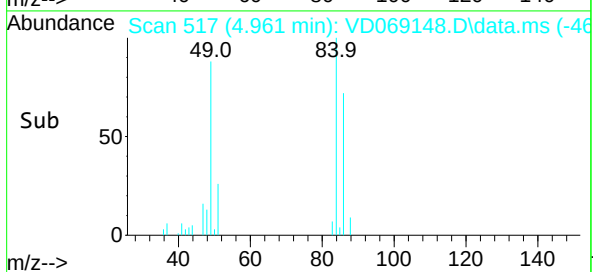
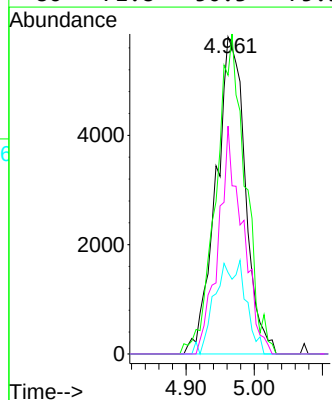
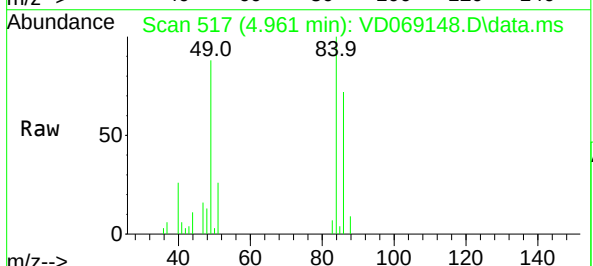
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

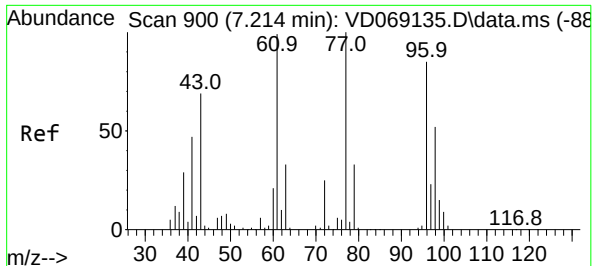
Tgt Ion: 76 Resp: 8314
Ion Ratio Lower Upper
76 100
78 6.3 8.1 12.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Tgt Ion: 84 Resp: 17373
Ion Ratio Lower Upper
84 100
49 87.9 78.6 117.8
51 25.7 26.7 40.1#
86 71.8 50.3 75.5

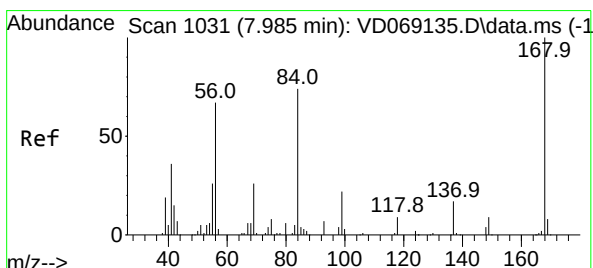
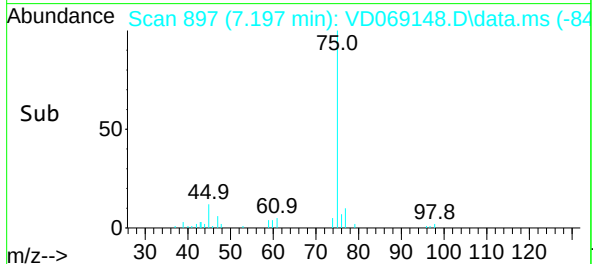
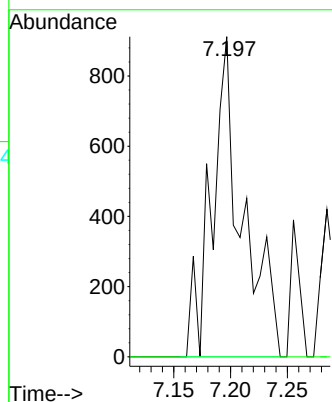
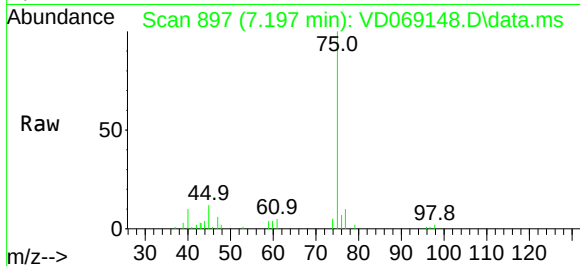




#25
2-Butanone
Concen: 3.68 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.017 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

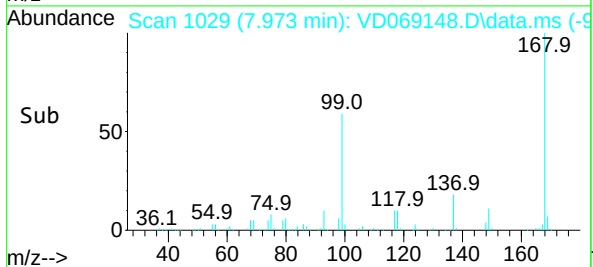
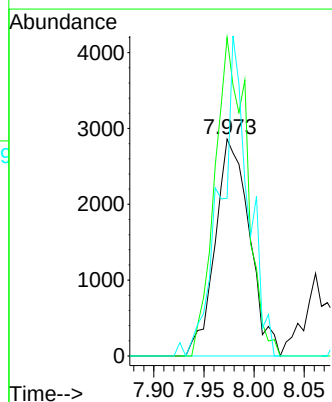
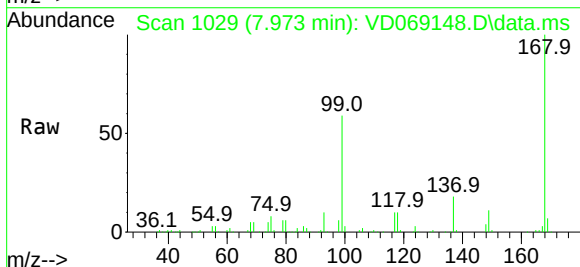
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

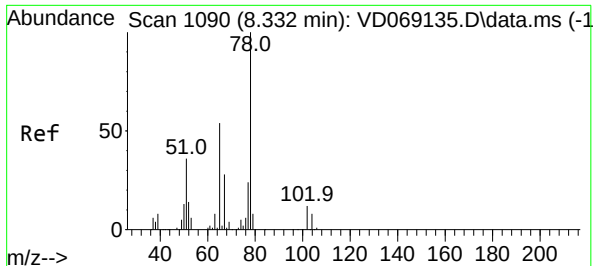
Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
72 0.0 29.1 43.7#



#31
Cyclohexane
Concen: 2.05 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Tgt Ion: 56 Resp: 6795
Ion Ratio Lower Upper
56 100
69 146.9 30.6 46.0#
84 72.7 88.0 132.0#

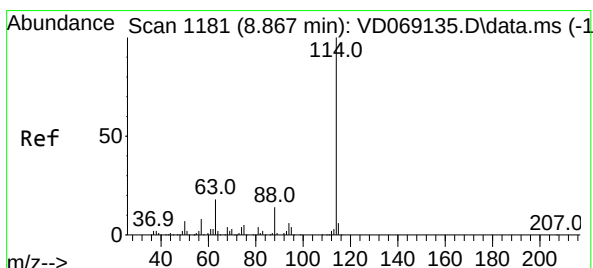
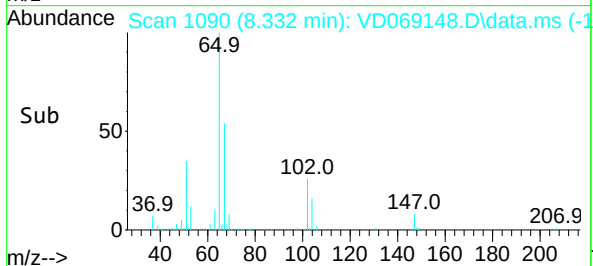
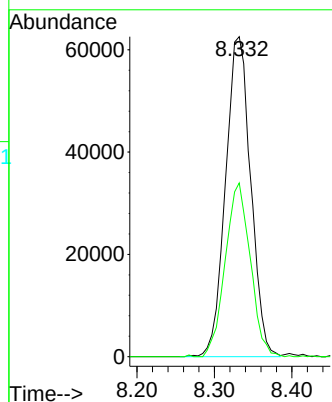
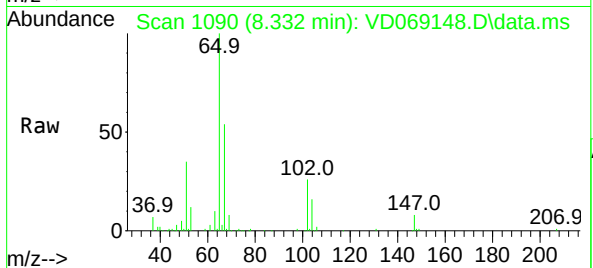




#33
1,2-Dichloroethane-d4
Concen: 63.27 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

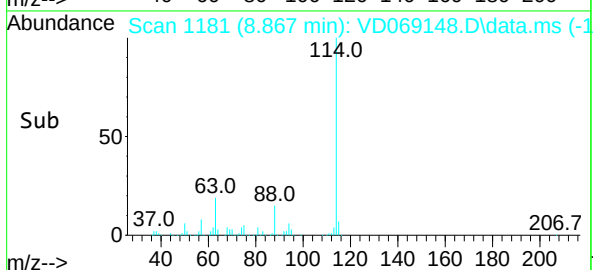
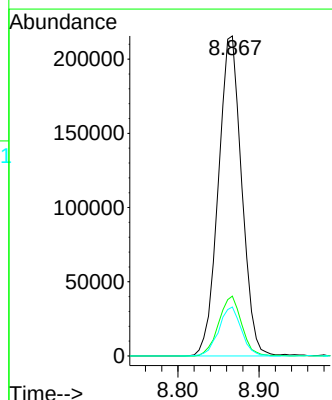
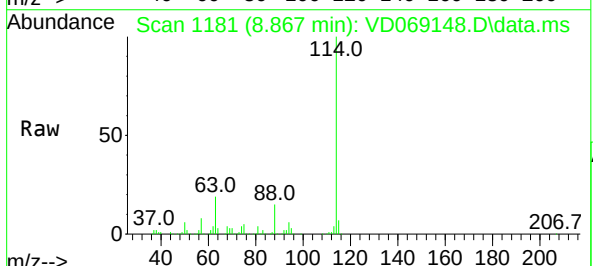
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

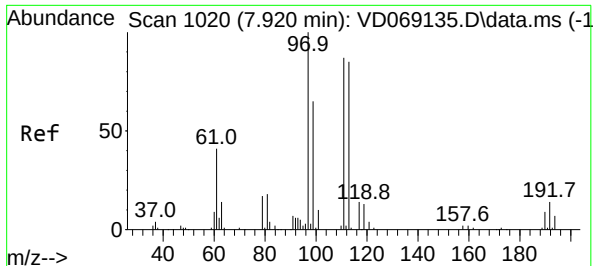
Tgt Ion: 65 Resp: 141415
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Tgt Ion: 114 Resp: 430821
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 15.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 53.36 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069148.D

Acq: 13 May 2021 10:53

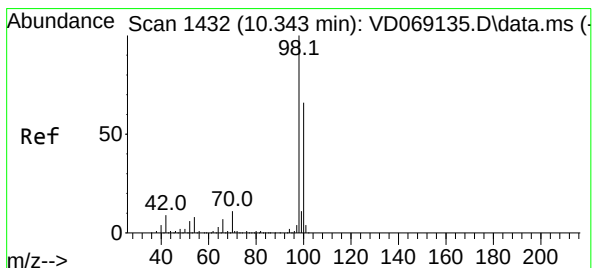
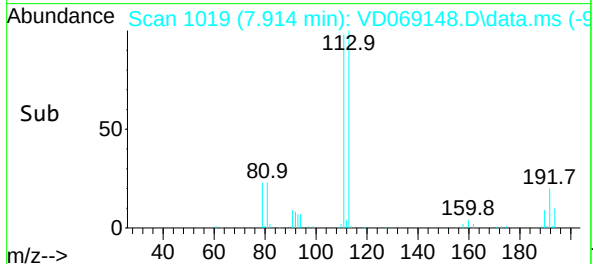
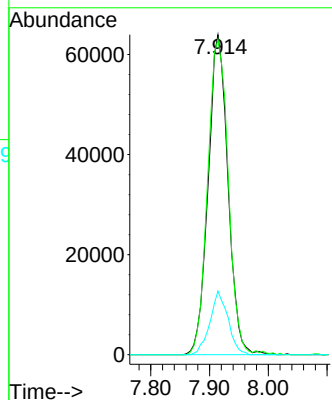
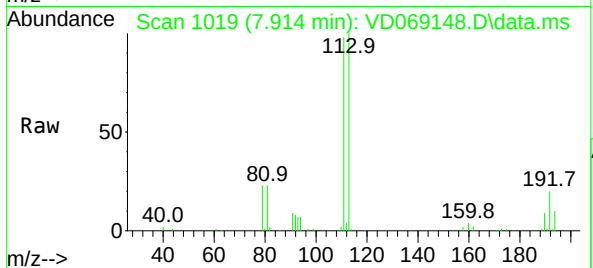
Tgt Ion:113 Resp: 149616

Ion Ratio Lower Upper

113 100

111 101.9 80.6 120.8

192 18.1 14.8 22.2



#50

Toluene-d8

Concen: 51.93 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD069148.D

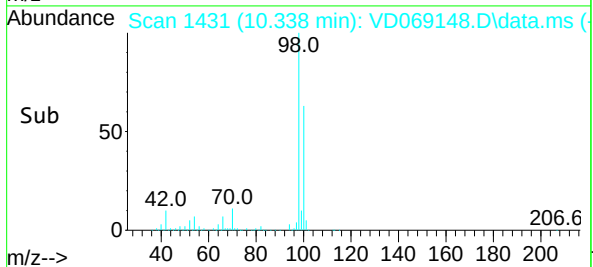
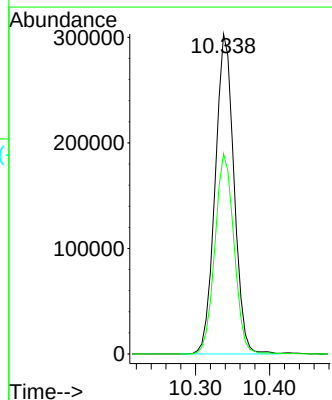
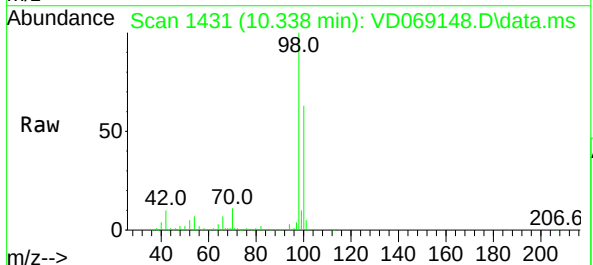
Acq: 13 May 2021 10:53

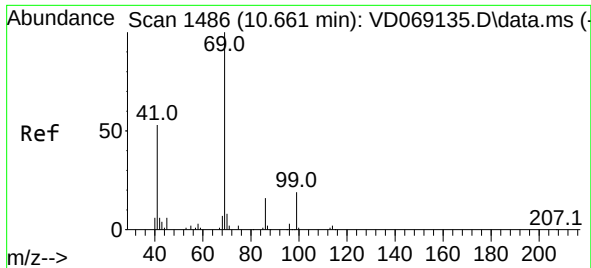
Tgt Ion: 98 Resp: 534949

Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.8

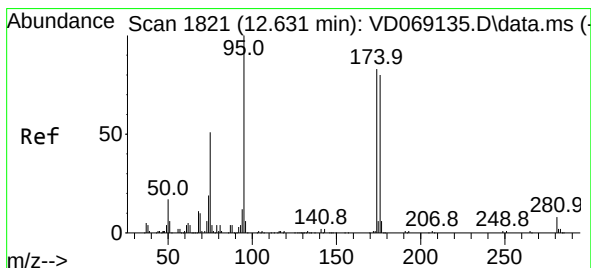
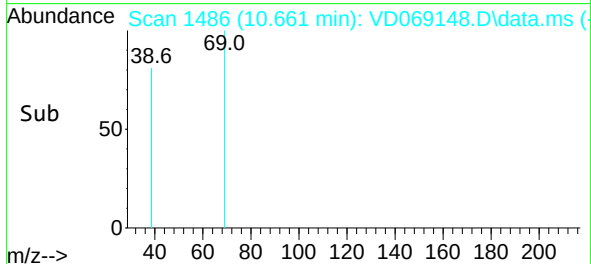
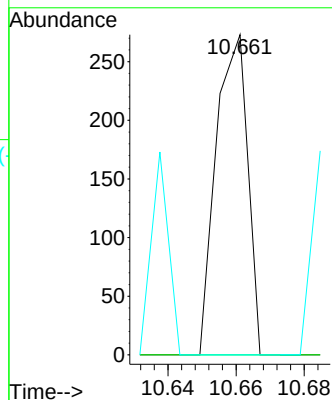
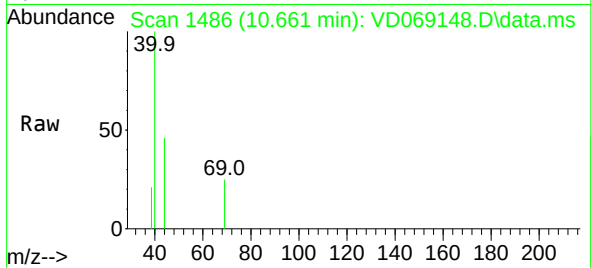




#56
Ethyl methacrylate
Concen: 1.39 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

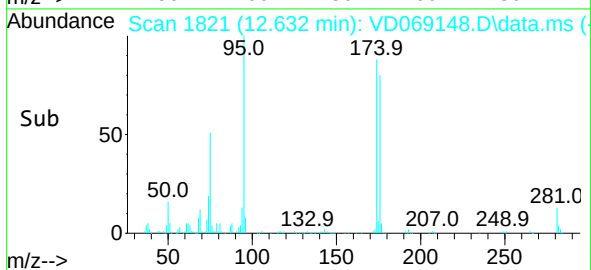
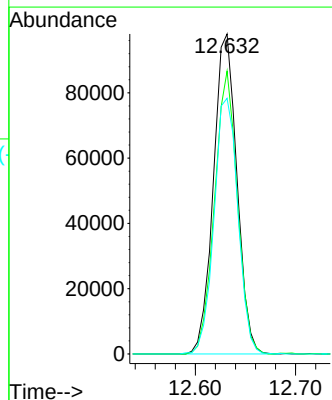
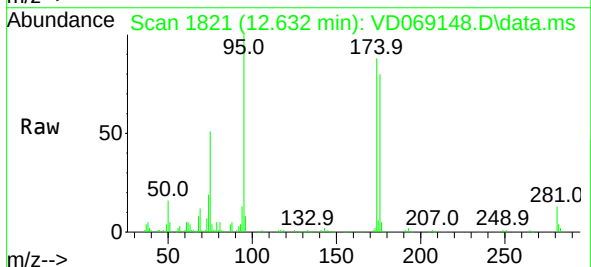
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

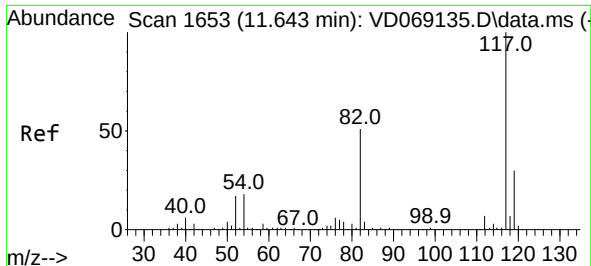
Tgt Ion: 69 Resp: 175
Ion Ratio Lower Upper
69 100
41 0.0 42.2 63.2#
39 0.0 26.3 39.5#



#62
4-Bromofluorobenzene
Concen: 48.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Tgt Ion: 95 Resp: 159416
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.8
176 81.0 0.0 165.4

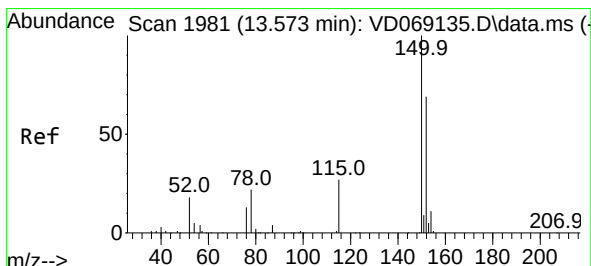
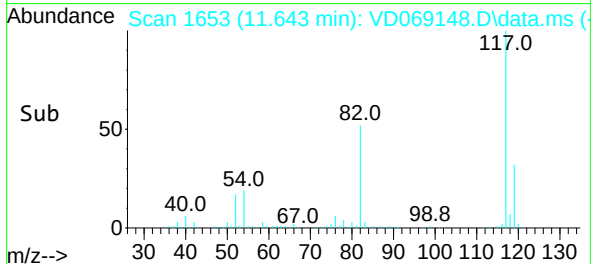
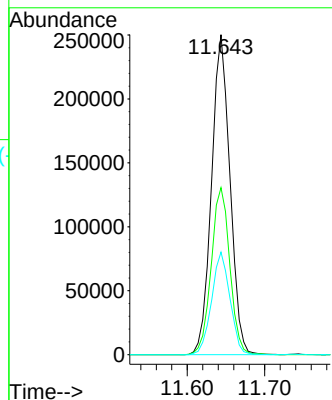
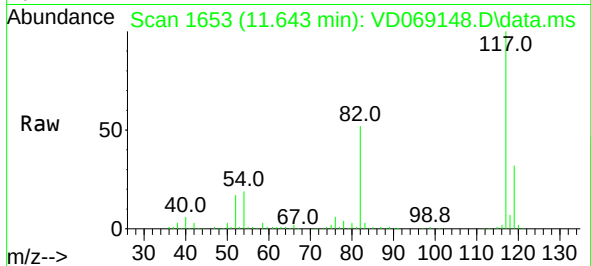




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

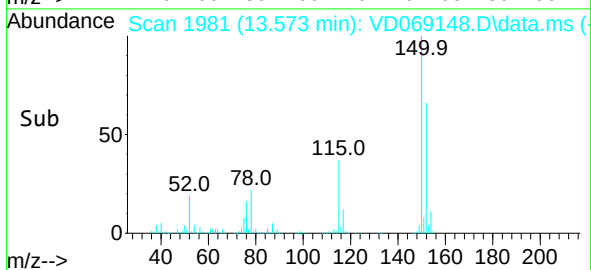
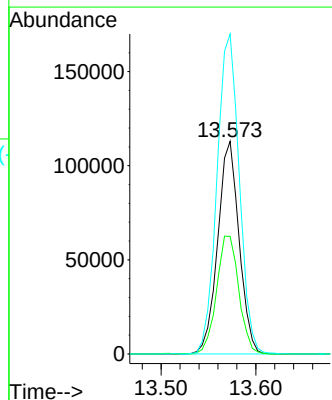
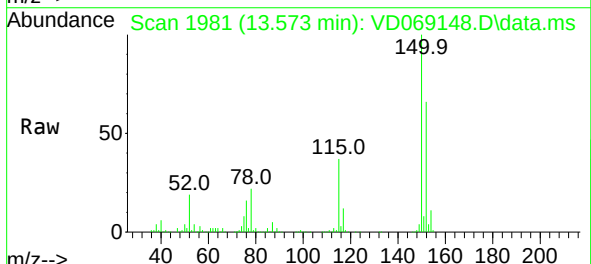
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

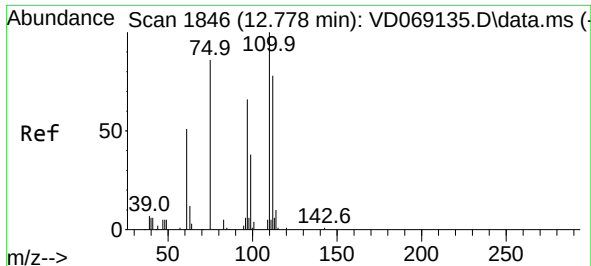
Tgt Ion:117 Resp: 413473
Ion Ratio Lower Upper
117 100
82 52.2 40.5 60.7
119 32.0 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Tgt Ion:152 Resp: 177338
Ion Ratio Lower Upper
152 100
115 57.7 29.9 89.8
150 156.6 0.0 350.2

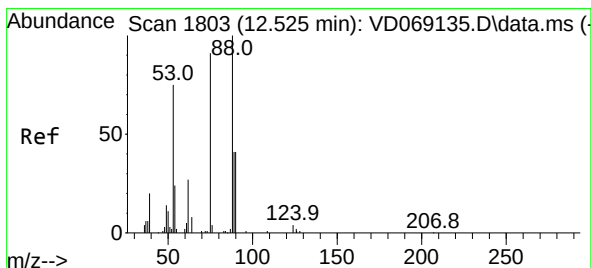
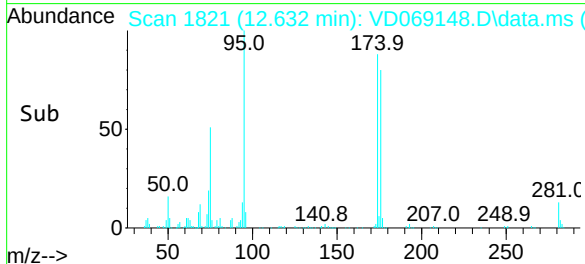
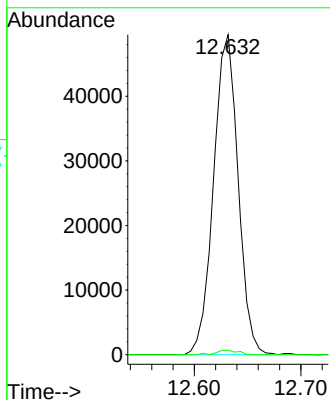
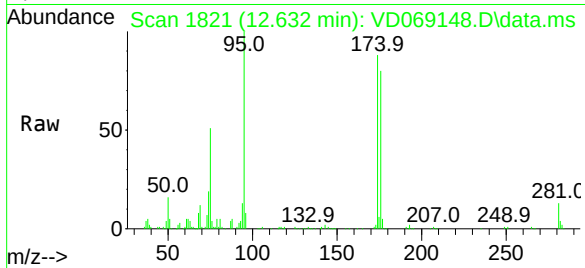




#76
1,2,3-Trichloropropane
Concen: 59.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

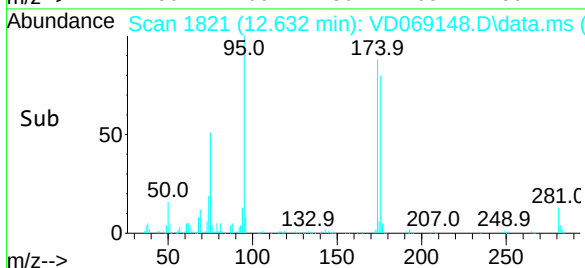
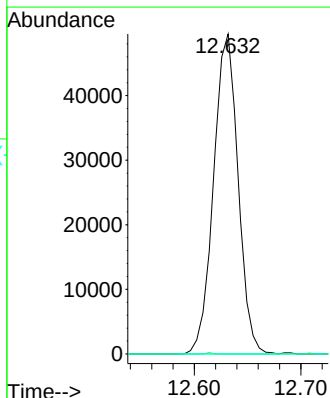
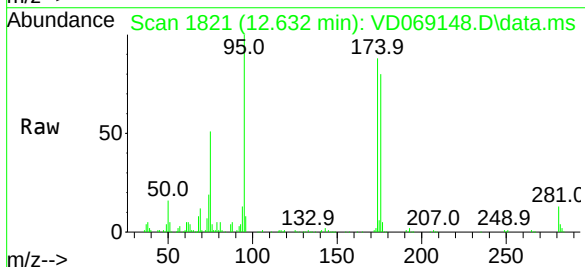
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

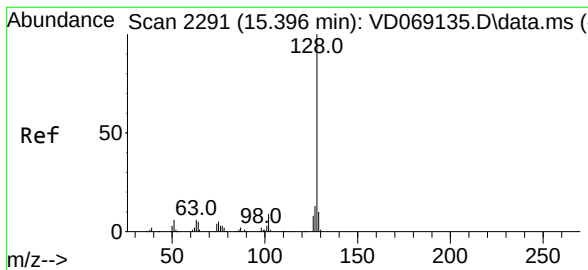
Tgt Ion: 75 Resp: 78955
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

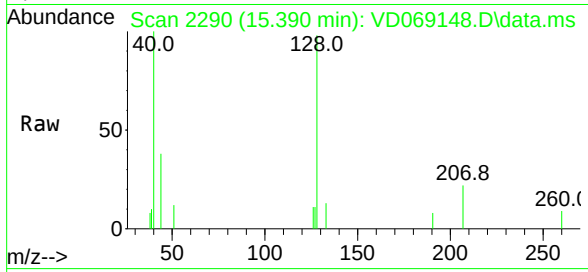
Tgt Ion: 75 Resp: 78955
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 0.0 40.2 60.2#





#95
Naphthalene
Concen: 2.55 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01



Tgt Ion:	128	Resp:	3060
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.5	15.7
129	4.1	8.9	13.3#

