

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
 Data File : VD069251.D
 Acq On : 24 May 2021 12:52
 Operator : VA/SY
 Sample : VD0524SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBL01

Quant Time: May 25 00:54:03 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)

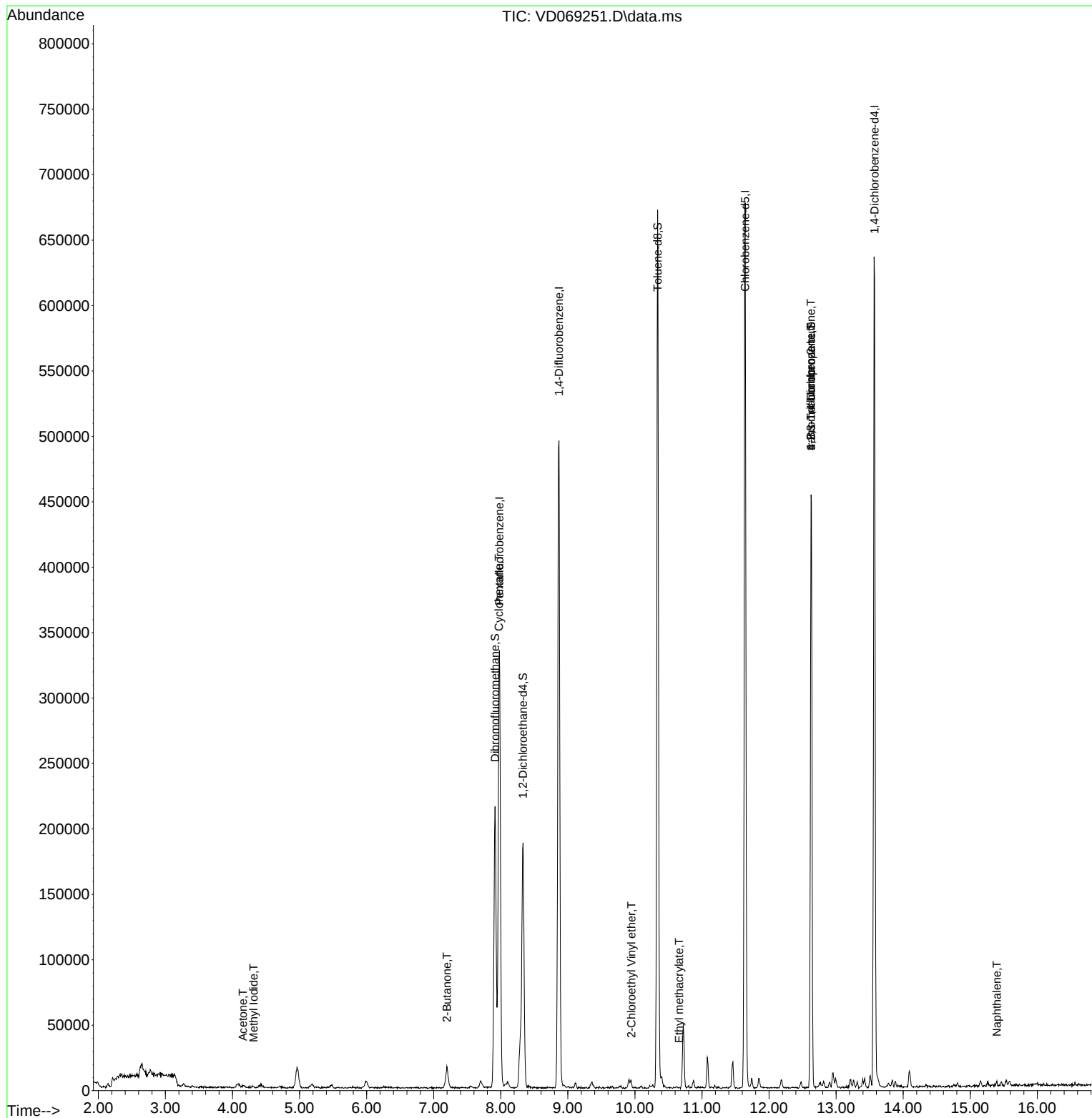
Internal Standards						
1) Pentafluorobenzene	7.979	168	253122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	452086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	395100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	167954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144933	57.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.24%			
35) Dibromofluoromethane	7.914	113	152560	51.86	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.72%			
50) Toluene-d8	10.338	98	457305	42.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 84.60%			
62) 4-Bromofluorobenzene	12.626	95	137621	39.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.12%			
Target Compounds						Qvalue
10) Methyl Iodide	4.314	142	1276	1.35	ug/l #	71
11) Tert butyl alcohol	5.238	59	178	Below Cal	#	73
16) Acetone	4.156	43	2728	7.02	ug/l #	74
20) Methylene Chloride	4.961	84	13046	Below Cal	#	87
25) 2-Butanone	7.197	43	741	1.41	ug/l #	38
31) Cyclohexane	7.973	56	6369	1.69	ug/l #	51
56) Ethyl methacrylate	10.661	69	238	1.41	ug/l #	52
58) 2-Chloroethyl Vinyl ether	9.949	63	2685	2.27	ug/l #	84
76) 1,2,3-Trichloropropane	12.626	75	71787	56.86	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	71787	114.85	ug/l #	14
95) Naphthalene	15.396	128	3410	2.64	ug/l	96

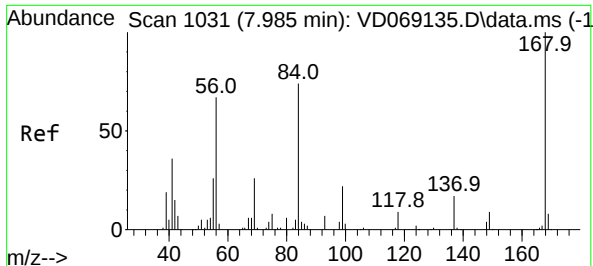
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 25 00:54:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
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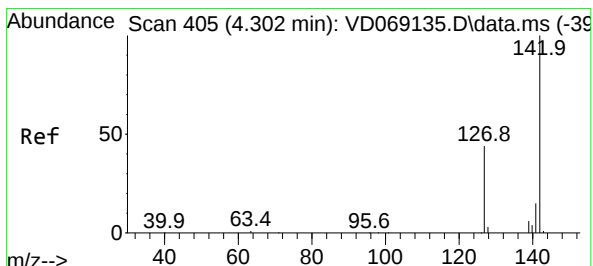
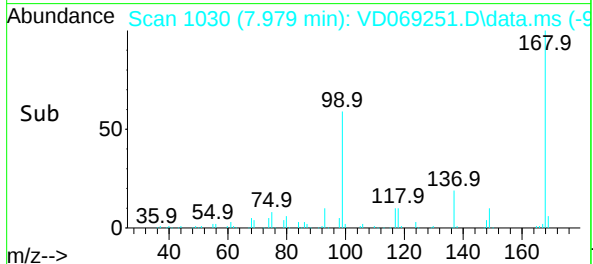
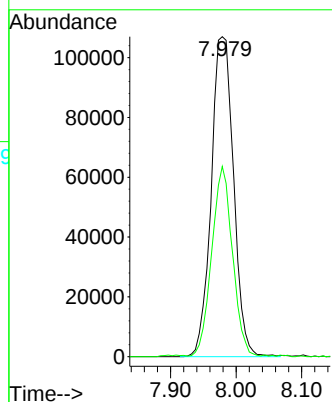
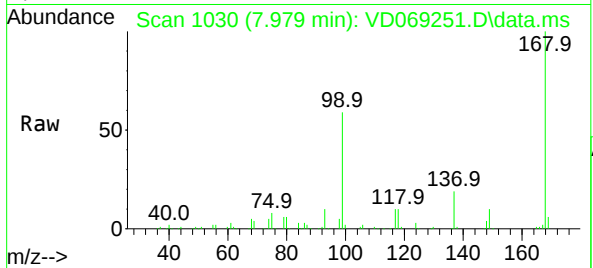




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

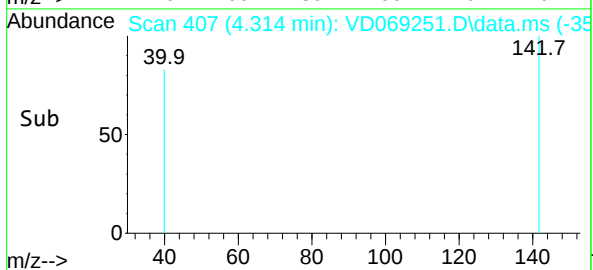
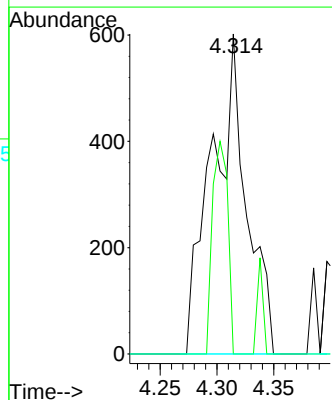
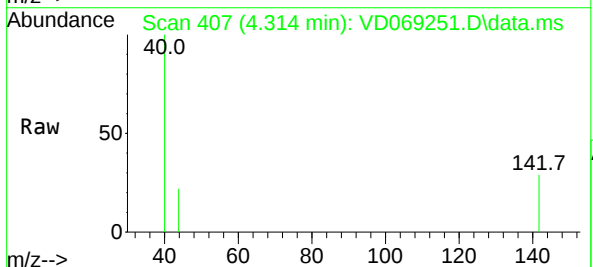
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

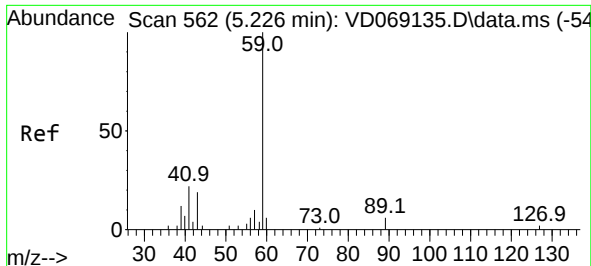
Tgt Ion:168 Resp: 253122
Ion Ratio Lower Upper
168 100
99 59.1 47.2 70.8



#10
Methyl Iodide
Concen: 1.35 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Tgt Ion:142 Resp: 1276
Ion Ratio Lower Upper
142 100
127 29.2 37.3 55.9#
141 0.0 12.2 18.4#



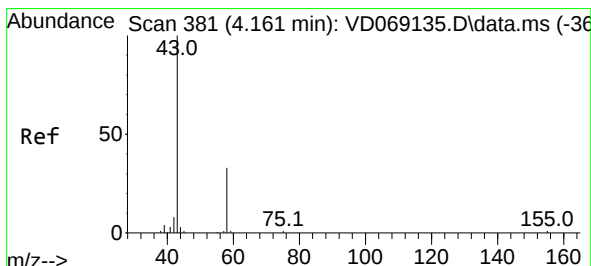
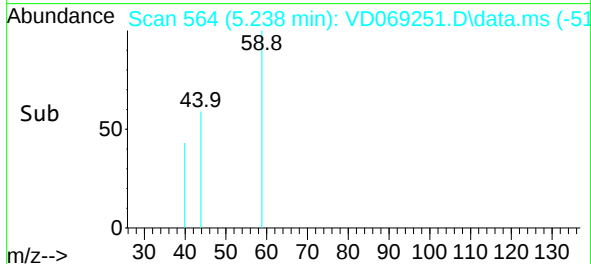
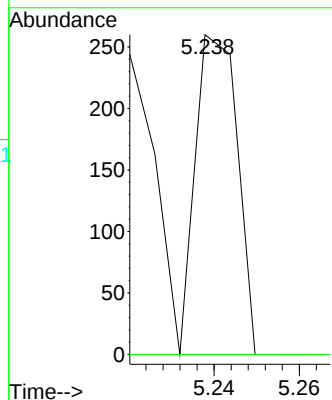
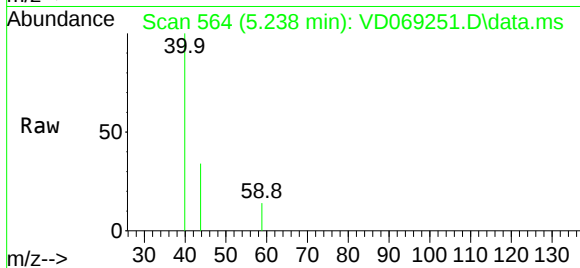


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

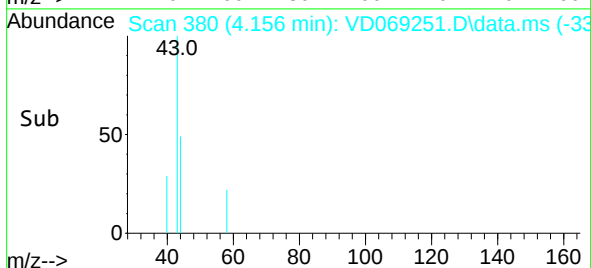
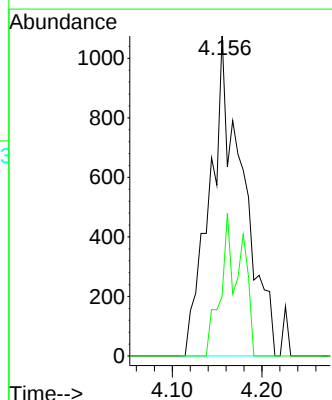
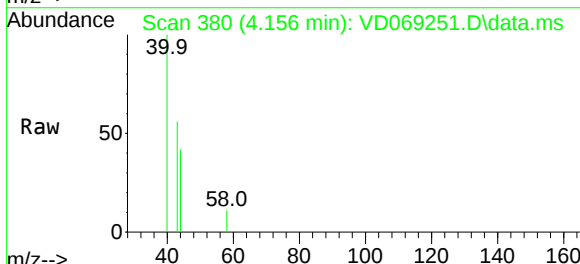
Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

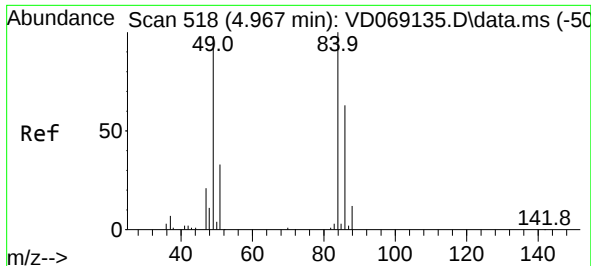


#16

Acetone
Concen: 7.02 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Tgt Ion: 43 Resp: 2728
Ion Ratio Lower Upper
43 100
58 18.7 26.7 40.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.961 min Scan# 517

Delta R.T. -0.006 min

Lab File: VD069251.D

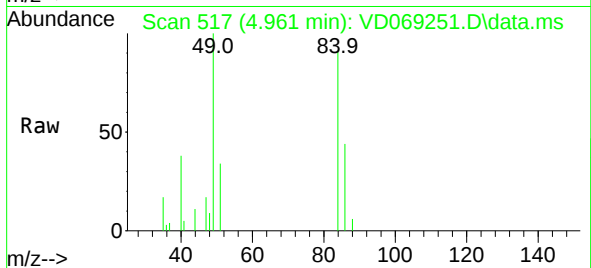
Acq: 24 May 2021 12:52

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBL01



Tgt Ion: 84 Resp: 13046

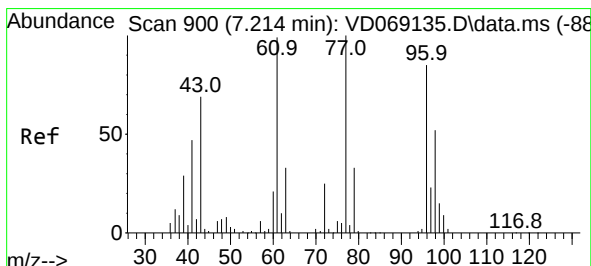
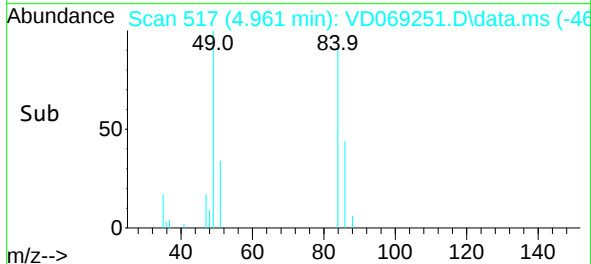
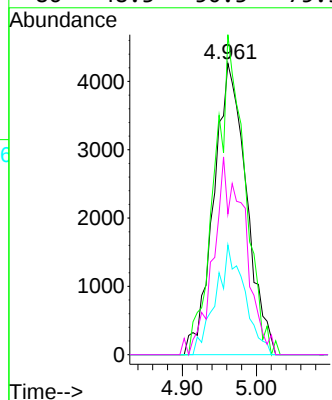
Ion Ratio Lower Upper

84 100

49 109.8 78.6 117.8

51 37.7 26.7 40.1

86 48.3 50.3 75.5#



#25

2-Butanone

Concen: 1.41 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.017 min

Lab File: VD069251.D

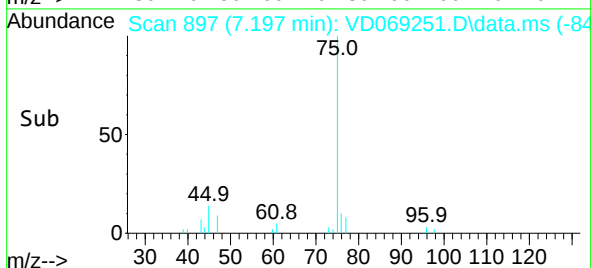
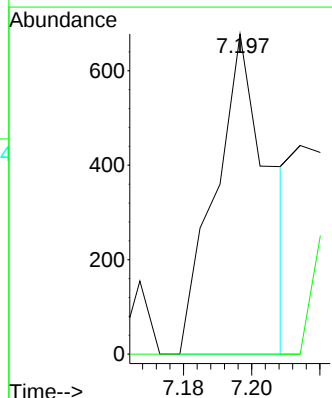
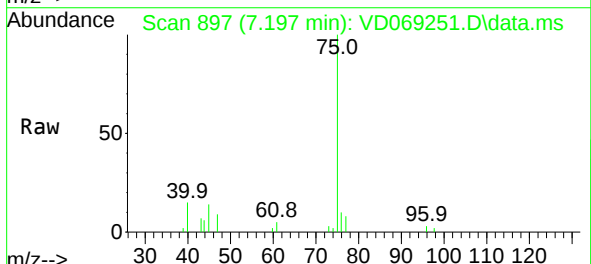
Acq: 24 May 2021 12:52

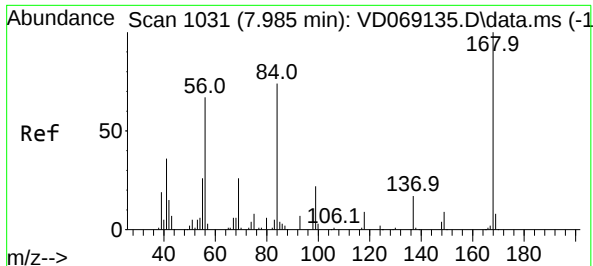
Tgt Ion: 43 Resp: 741

Ion Ratio Lower Upper

43 100

72 0.0 29.1 43.7#

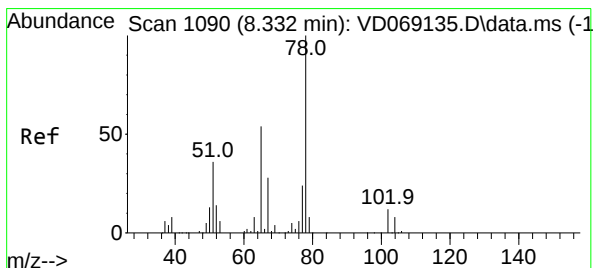
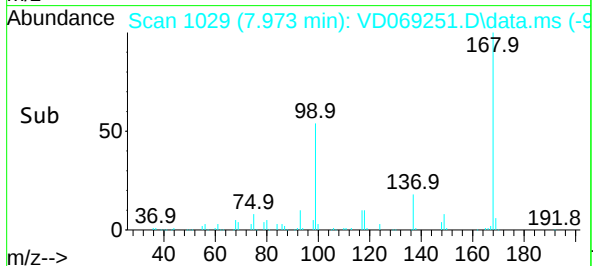
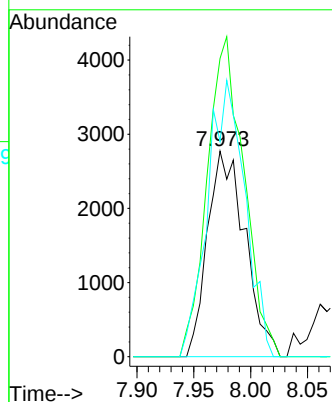
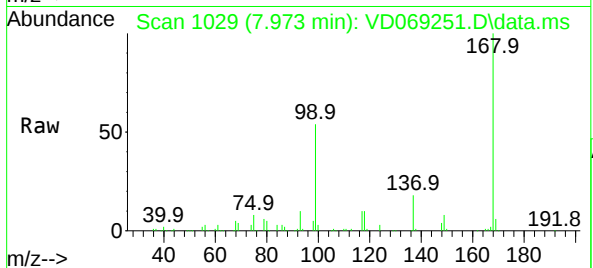




#31
Cyclohexane
Concen: 1.69 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

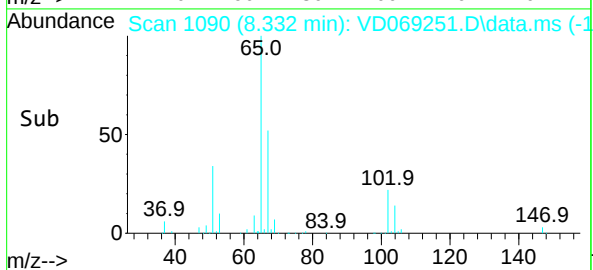
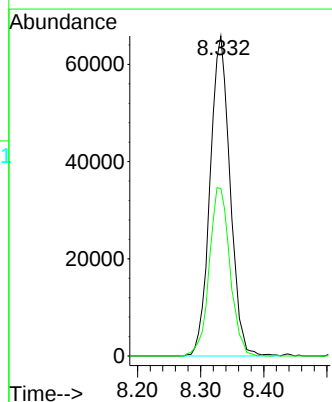
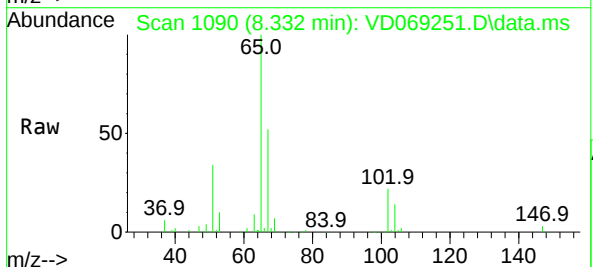
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

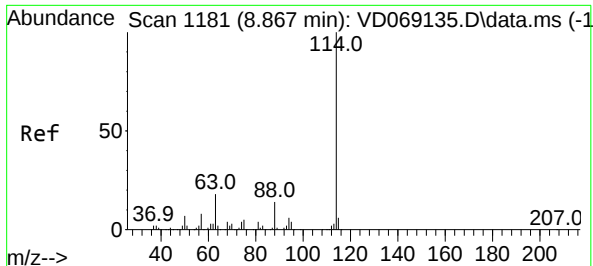
Tgt Ion: 56 Resp: 6369
Ion Ratio Lower Upper
56 100
69 145.1 30.6 46.0#
84 104.7 88.0 132.0



#33
1,2-Dichloroethane-d4
Concen: 57.12 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Tgt Ion: 65 Resp: 144933
Ion Ratio Lower Upper
65 100
67 54.3 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: VD069251.D

Acq: 24 May 2021 12:52

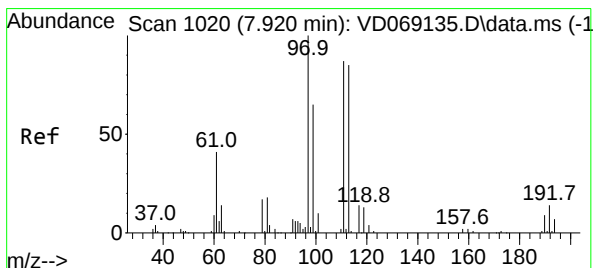
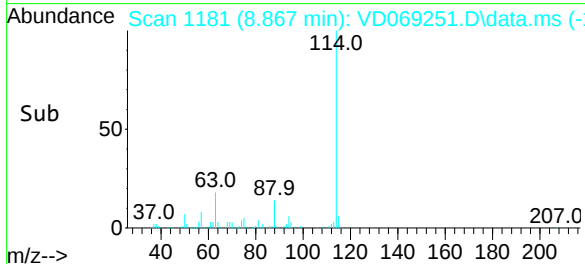
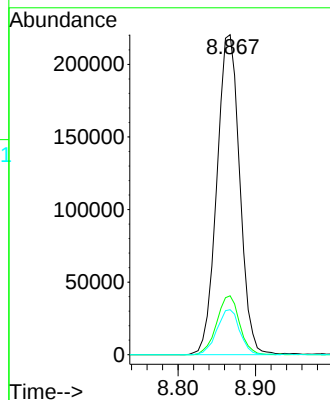
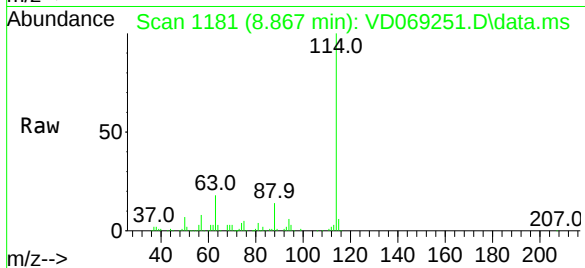
Tgt Ion:114 Resp: 452086

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.86 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069251.D

Acq: 24 May 2021 12:52

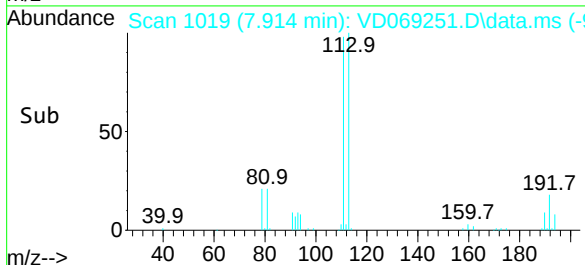
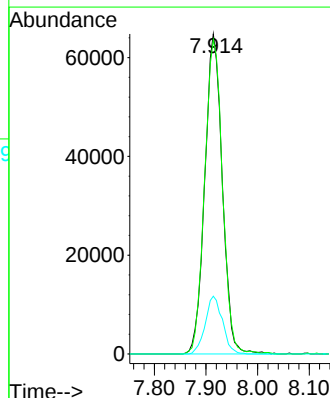
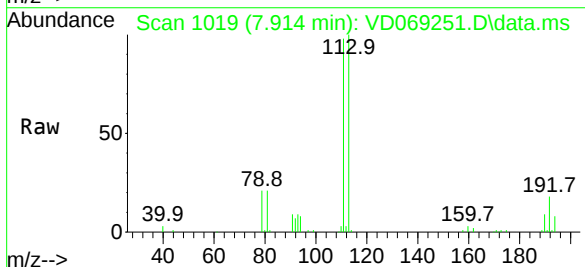
Tgt Ion:113 Resp: 152560

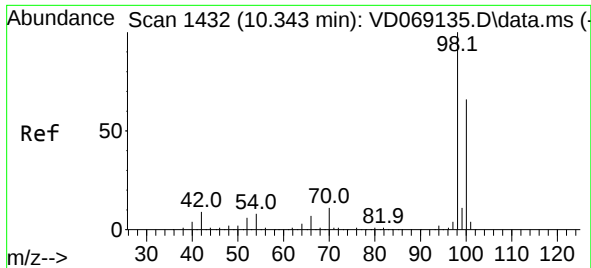
Ion Ratio Lower Upper

113 100

111 99.9 80.6 120.8

192 17.7 14.8 22.2

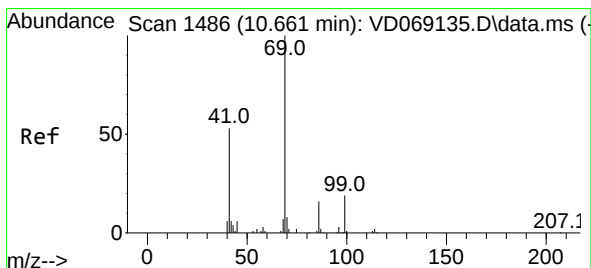
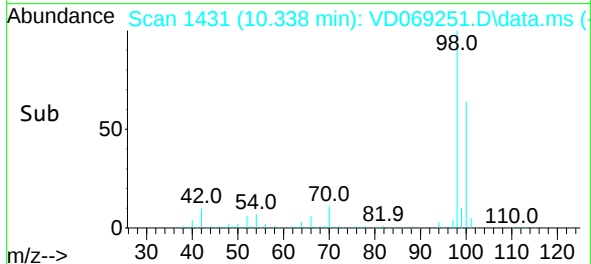
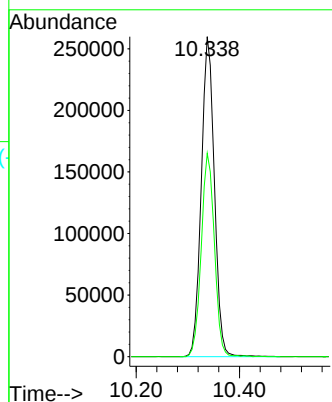
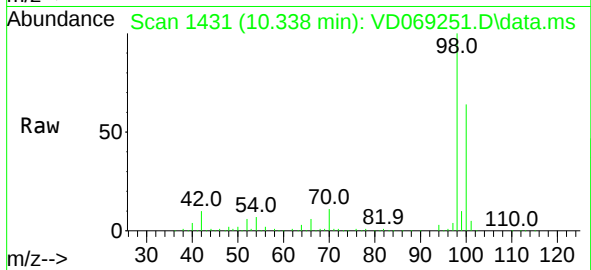




#50
Toluene-d8
Concen: 42.30 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

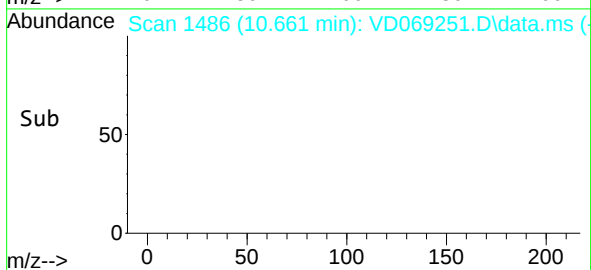
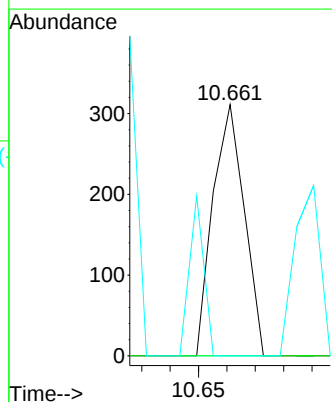
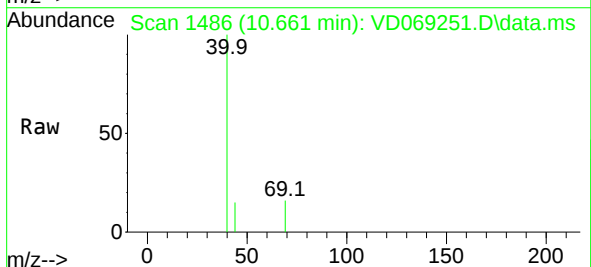
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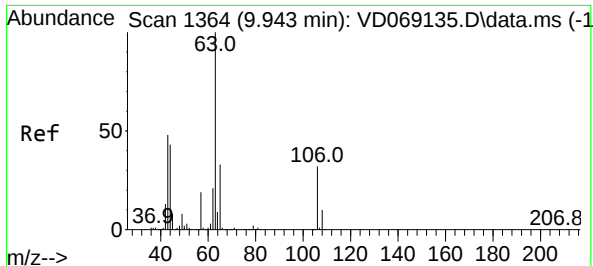
Tgt Ion: 98 Resp: 457305
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#56
Ethyl methacrylate
Concen: 1.41 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Tgt Ion: 69 Resp: 238
Ion Ratio Lower Upper
69 100
41 0.0 42.2 63.2#
39 29.4 26.3 39.5

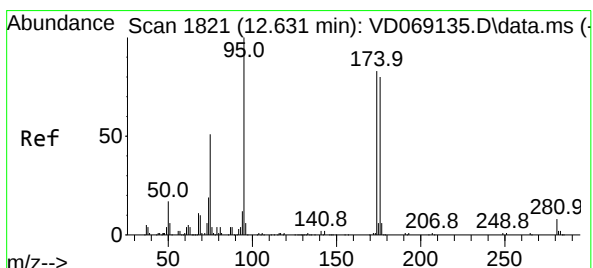
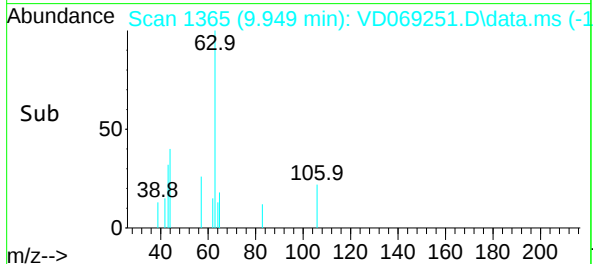
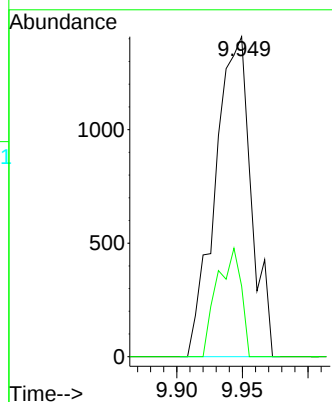
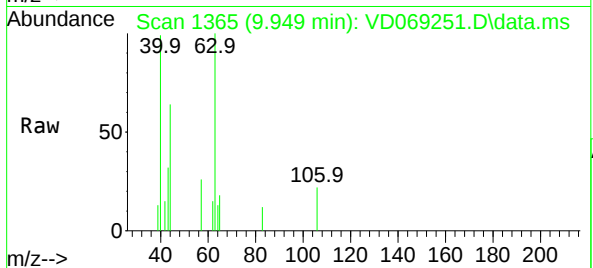




#58
2-Chloroethyl Vinyl ether
Concen: 2.27 ug/l
RT: 9.949 min Scan# 1365
Delta R.T. 0.006 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

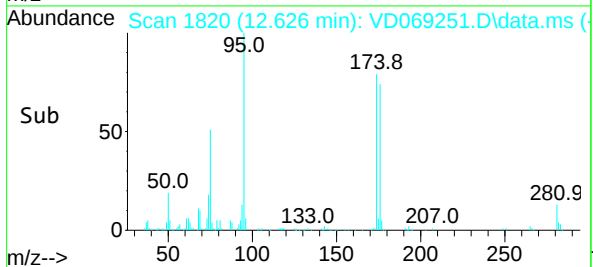
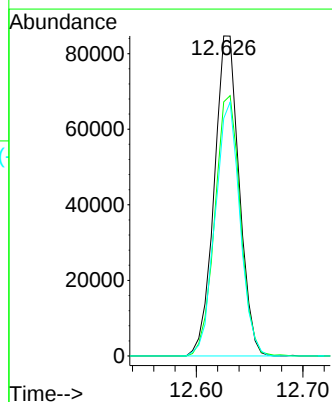
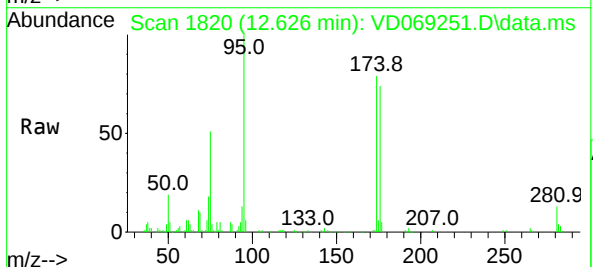
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

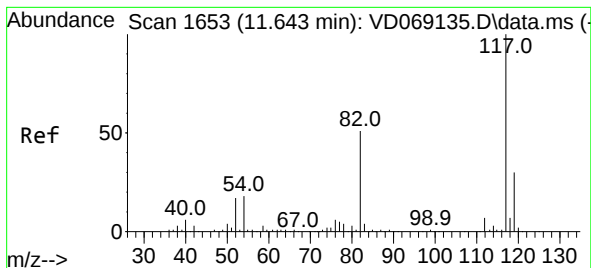
Tgt Ion: 63 Resp: 2685
Ion Ratio Lower Upper
63 100
106 22.7 25.3 37.9#



#62
4-Bromofluorobenzene
Concen: 39.56 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Tgt Ion: 95 Resp: 137621
Ion Ratio Lower Upper
95 100
174 83.1 0.0 171.8
176 78.8 0.0 165.4

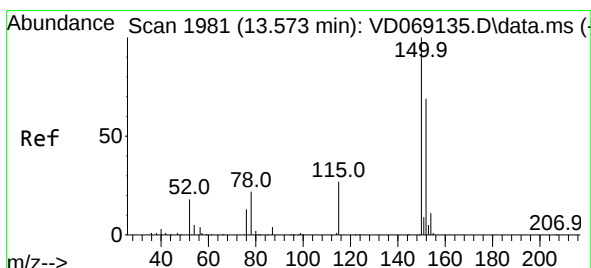
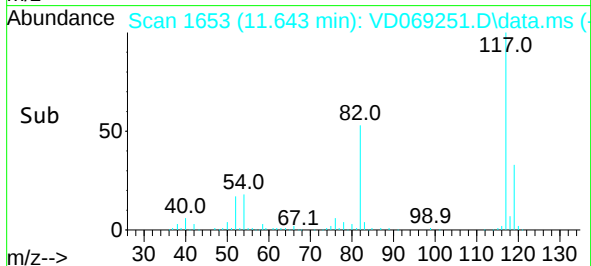
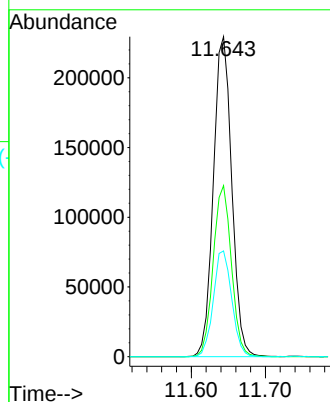
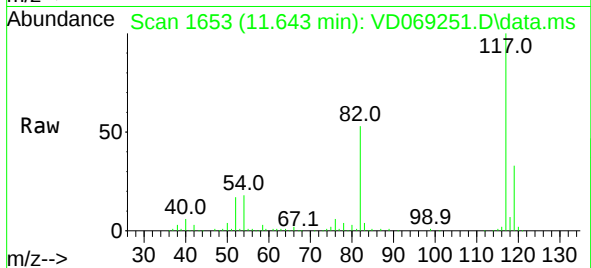




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

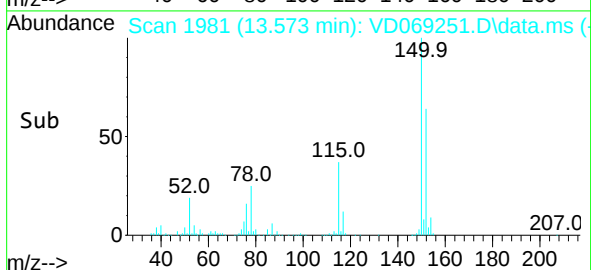
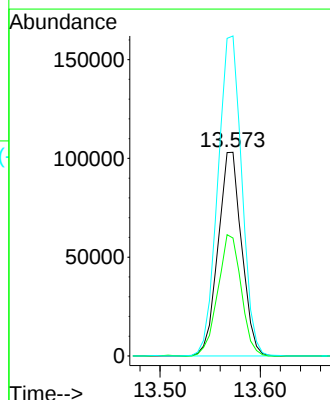
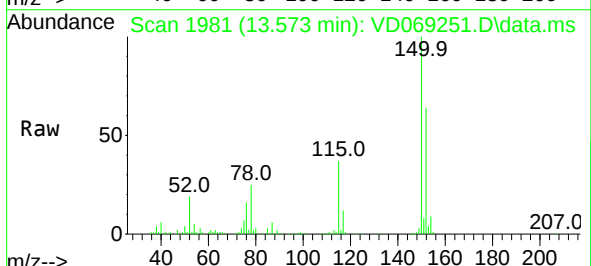
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

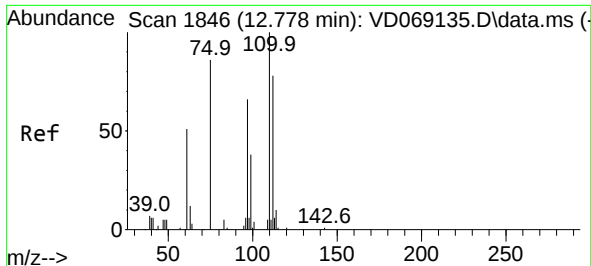
Tgt Ion:117 Resp: 395100
Ion Ratio Lower Upper
117 100
82 53.5 40.5 60.7
119 33.1 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Tgt Ion:152 Resp: 167954
Ion Ratio Lower Upper
152 100
115 59.0 29.9 89.8
150 159.9 0.0 350.2

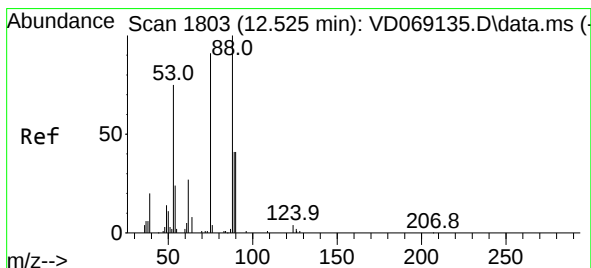
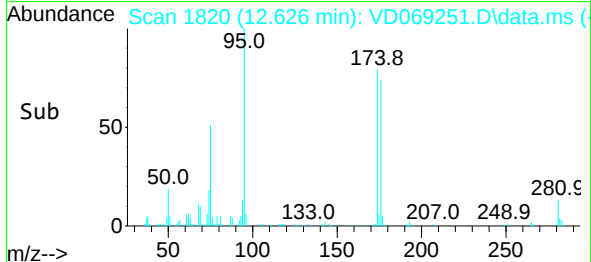
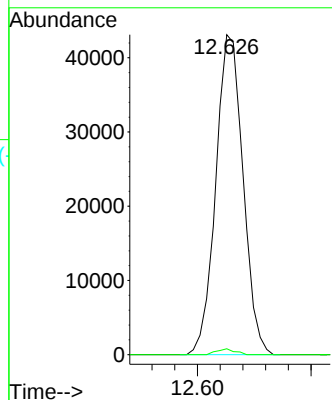
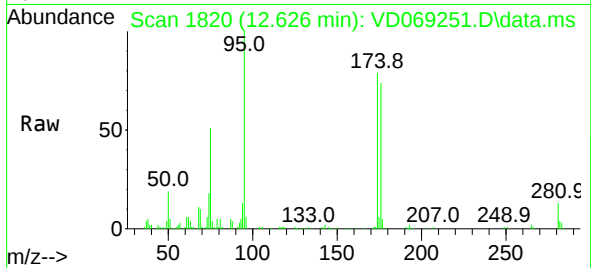




#76
1,2,3-Trichloropropane
Concen: 56.86 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

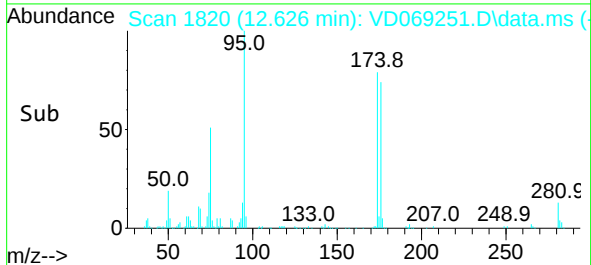
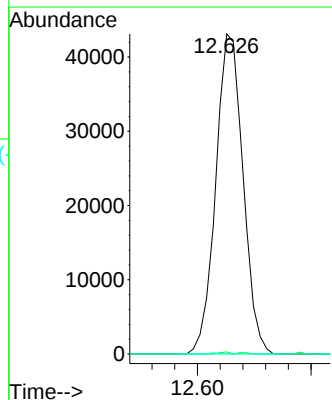
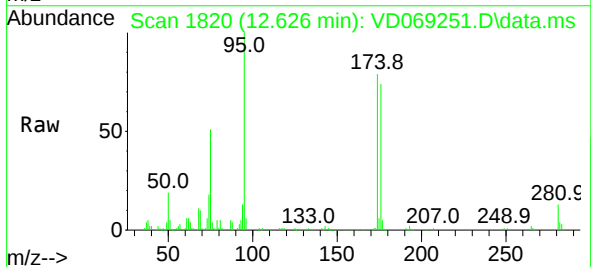
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

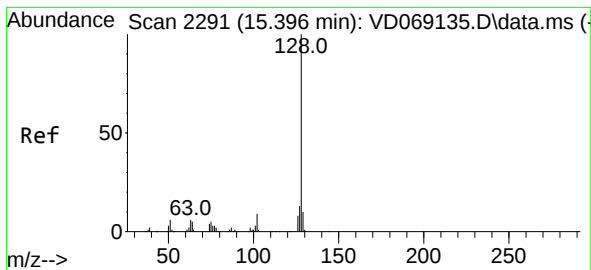
Tgt Ion: 75 Resp: 71787
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.85 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Tgt Ion: 75 Resp: 71787
Ion Ratio Lower Upper
75 100
53 0.2 70.0 105.0#
89 0.1 40.2 60.2#





#95
Naphthalene
Concen: 2.64 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

Tgt Ion:128 Resp: 3410
Ion Ratio Lower Upper
128 100
127 14.6 10.5 15.7
129 9.7 8.9 13.3

