

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
 Data File : VD069214.D
 Acq On : 20 May 2021 13:02
 Operator : VA/SY
 Sample : M2469-01
 Misc : 7.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 21 00:53:16 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)

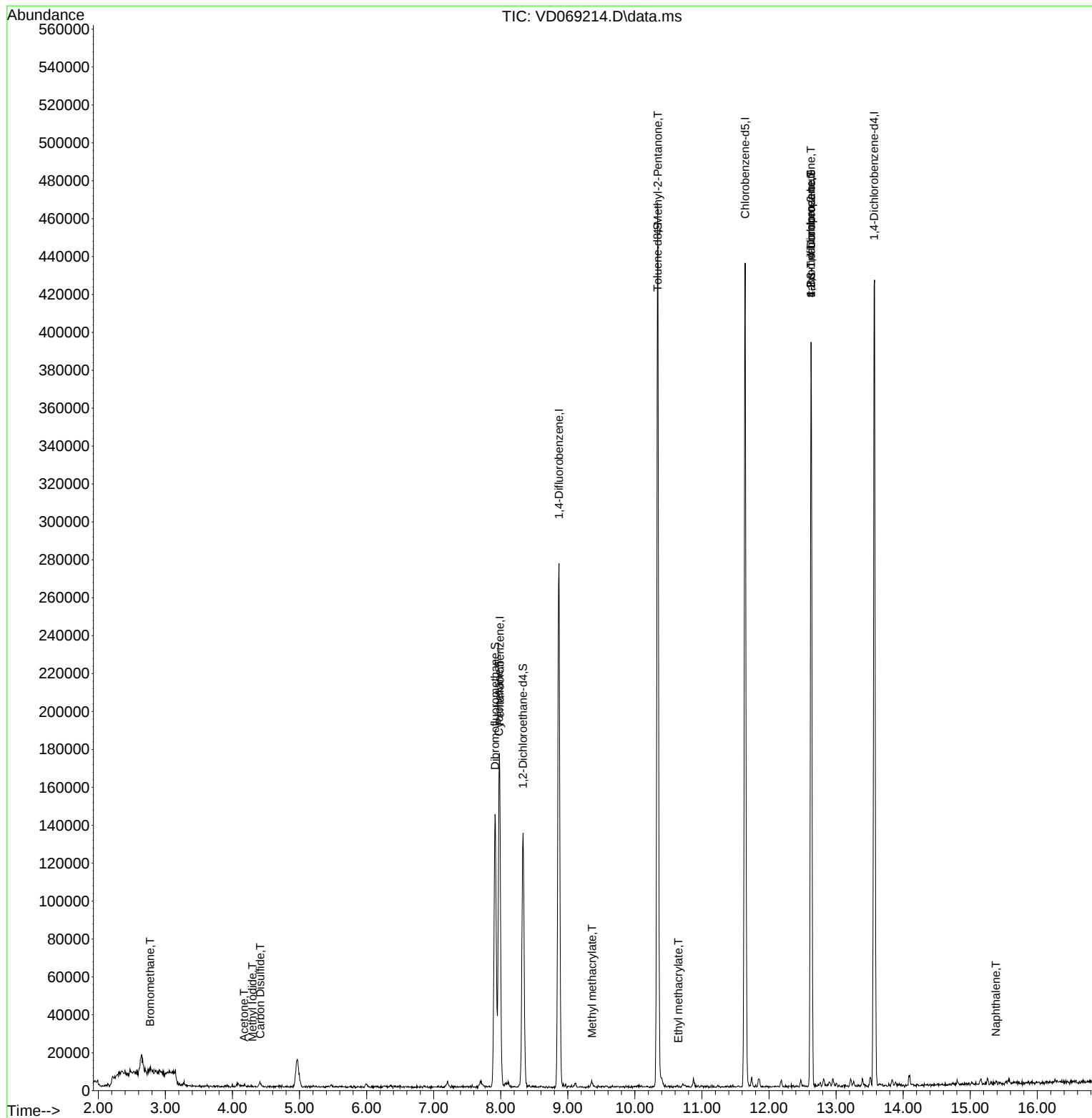
Internal Standards						
1) Pentafluorobenzene	7.985	168	128720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	242061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	250487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	121496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	107017	82.93	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.86%#
35) Dibromofluoromethane	7.914	113	101455	64.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.82%
50) Toluene-d8	10.338	98	312927	54.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.12%
62) 4-Bromofluorobenzene	12.626	95	102788	55.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.38%
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	1719	1.10	ug/l	99
10) Methyl Iodide	4.297	142	805	1.45	ug/l #	62
11) Tert butyl alcohol	5.203	59	149	Below Cal	#	73
16) Acetone	4.173	43	1539	7.79	ug/l #	86
17) Carbon Disulfide	4.415	76	4914	1.15	ug/l #	73
20) Methylene Chloride	4.956	84	13640	Below Cal	#	76
31) Cyclohexane	7.973	56	4538	2.37	ug/l #	62
48) Methyl methacrylate	9.361	41	712	1.12	ug/l #	26
51) 4-Methyl-2-Pentanone	10.344	43	1514	2.14	ug/l #	1
56) Ethyl methacrylate	10.650	69	68	1.36	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	53243	58.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	53243	117.76	ug/l #	14
95) Naphthalene	15.385	128	1483	2.40	ug/l #	78

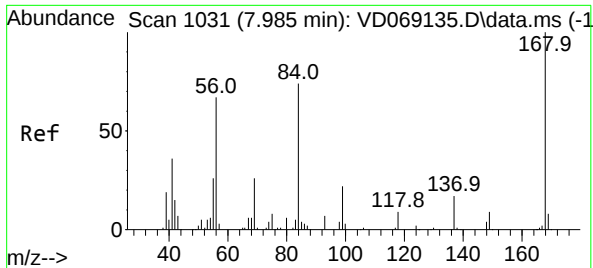
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
Data File : VD069214.D
Acq On : 20 May 2021 13:02
Operator : VA/SY
Sample : M2469-01
Misc : 7.14G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 21 00:53:16 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

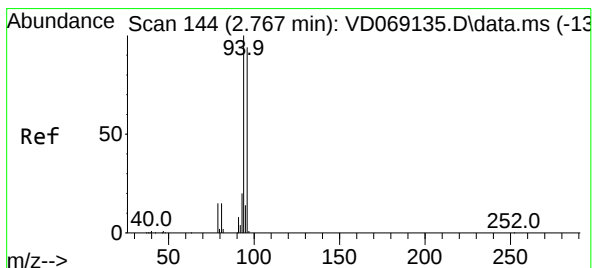
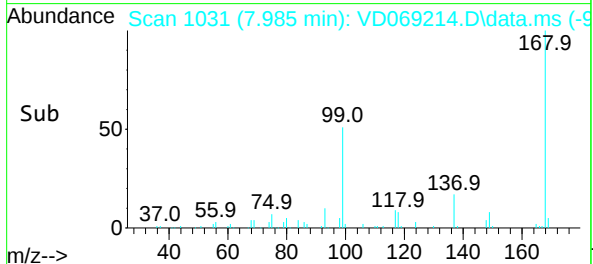
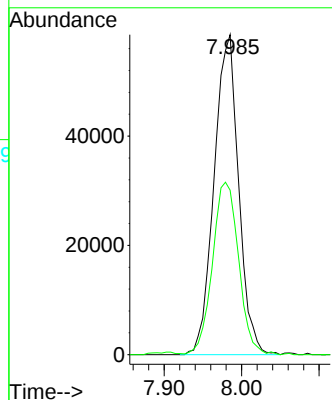
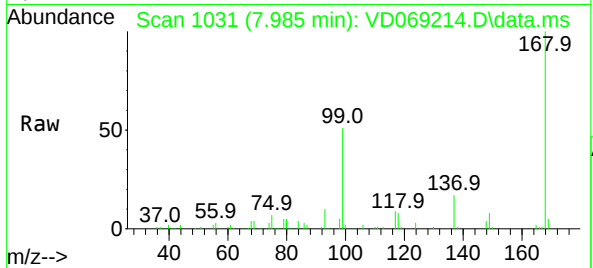




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

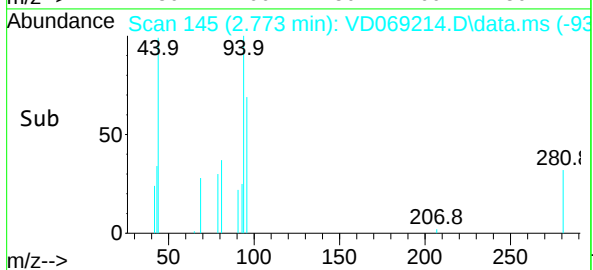
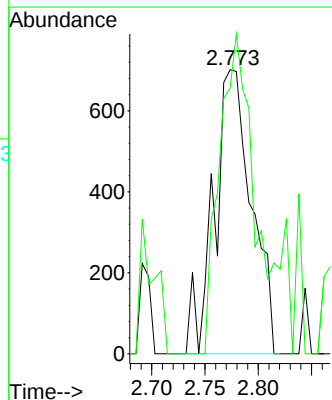
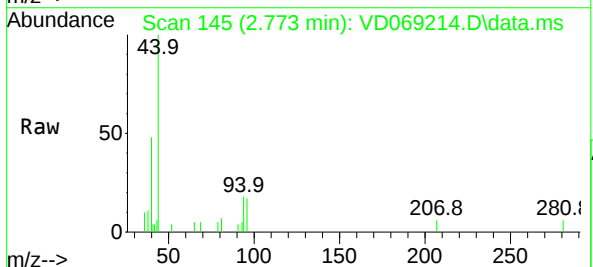
Instrument :
MSVOA_D
ClientSampled :

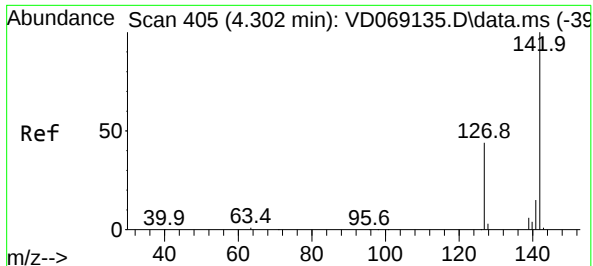
Tgt Ion:168 Resp: 128720
Ion Ratio Lower Upper
168 100
99 51.4 47.2 70.8



#5
Bromomethane
Concen: 1.10 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

Tgt Ion: 94 Resp: 1719
Ion Ratio Lower Upper
94 100
96 93.4 75.4 113.0

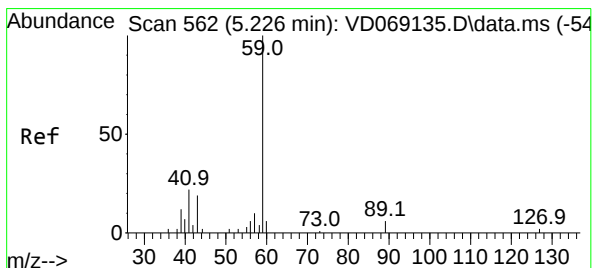
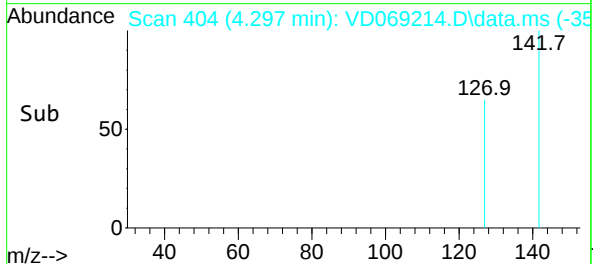
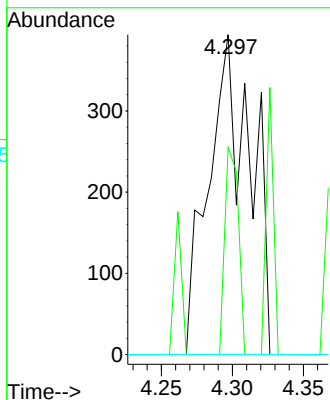
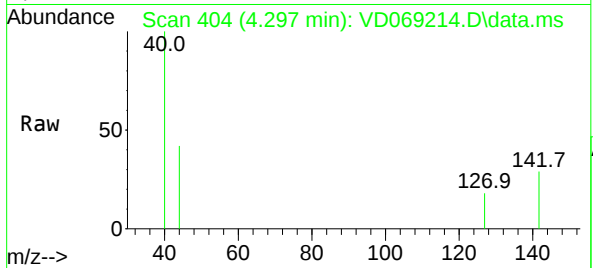




#10
Methyl Iodide
Concen: 1.45 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.005 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

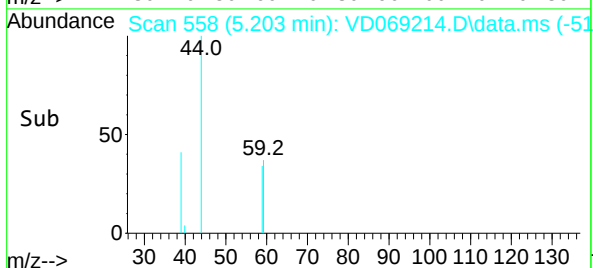
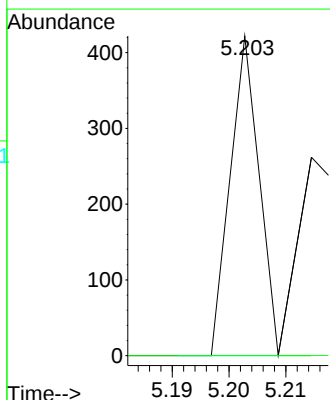
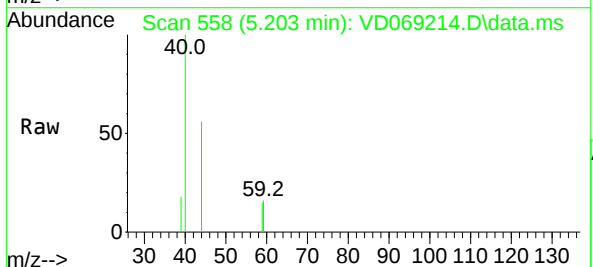
Instrument :
MSVOA_D
ClientSampled :

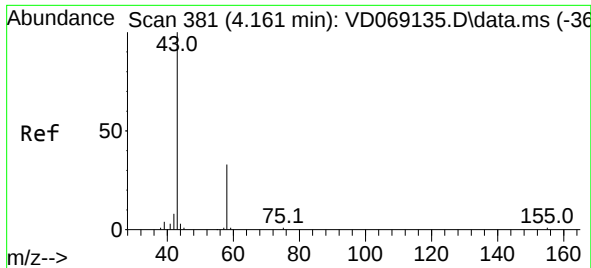
Tgt Ion:142 Resp: 805
Ion Ratio Lower Upper
142 100
127 21.0 37.3 55.9#
141 0.0 12.2 18.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.023 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

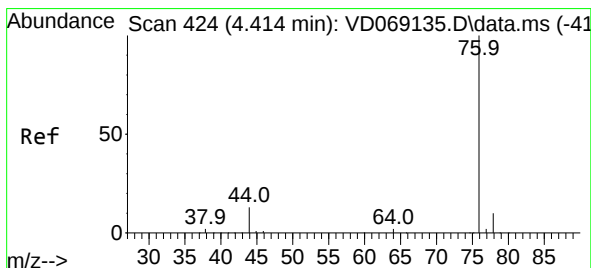
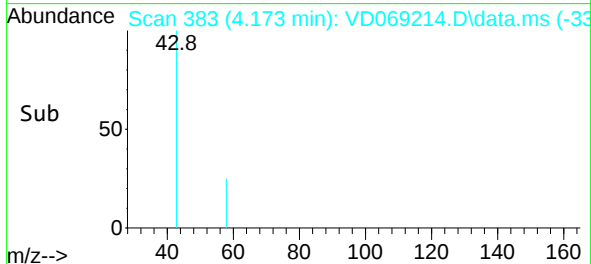
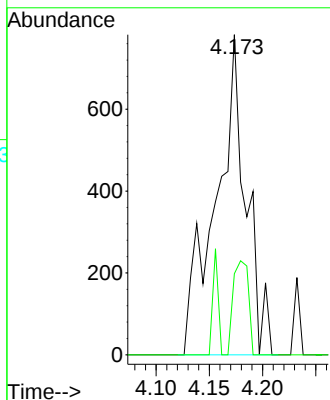
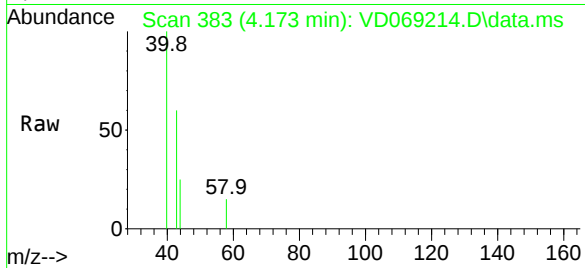




#16
Acetone
Concen: 7.79 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

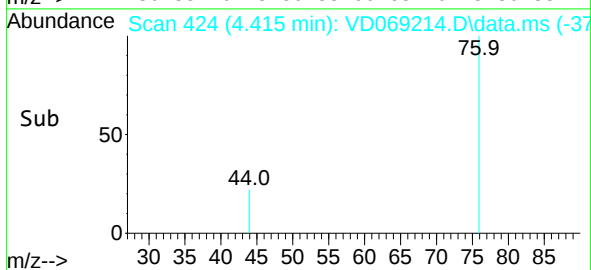
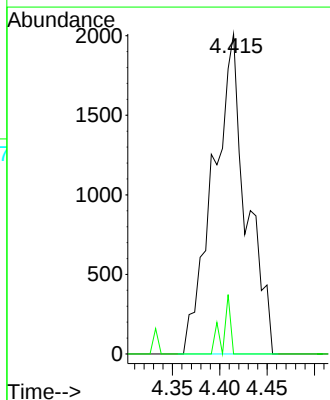
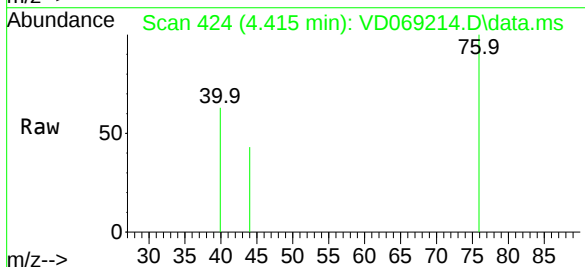
Instrument :
MSVOA_D
ClientSampled :

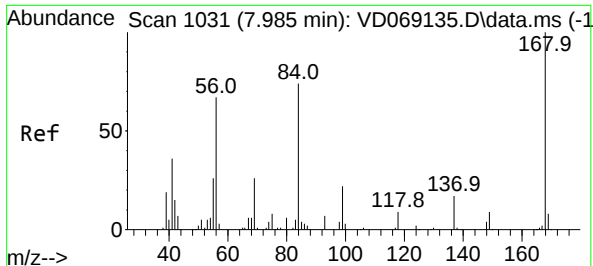
Tgt Ion: 43 Resp: 1539
Ion Ratio Lower Upper
43 100
58 25.3 26.7 40.1#



#17
Carbon Disulfide
Concen: 1.15 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

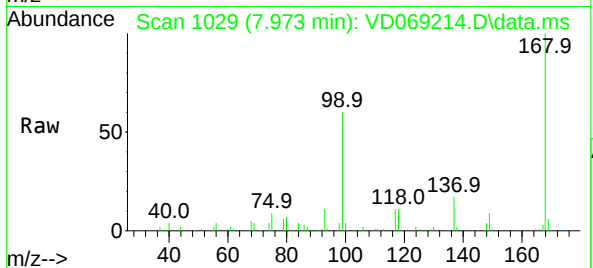
Tgt Ion: 76 Resp: 4914
Ion Ratio Lower Upper
76 100
78 0.0 8.1 12.1#



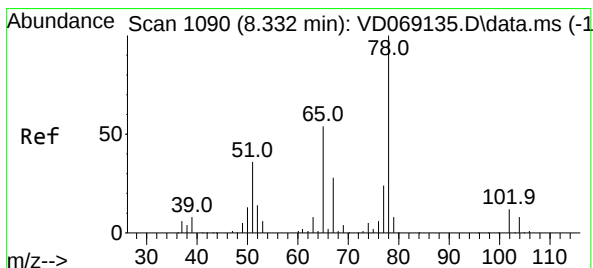
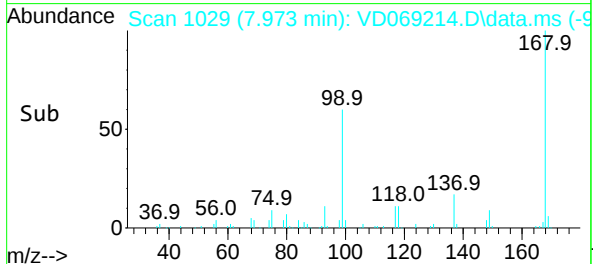
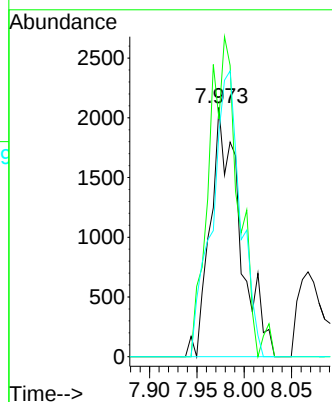


#31
Cyclohexane
Concen: 2.37 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.011 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

Instrument :
MSVOA_D
ClientSampled :

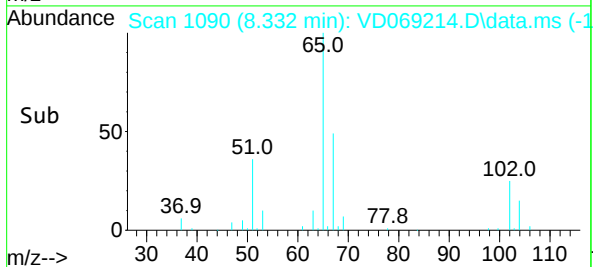
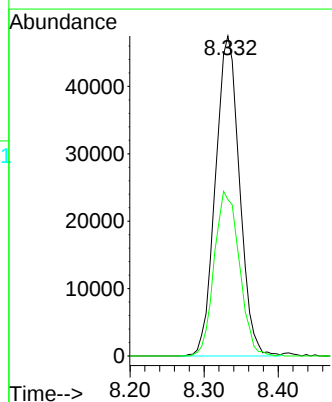
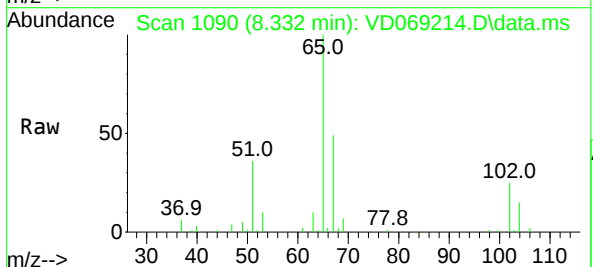


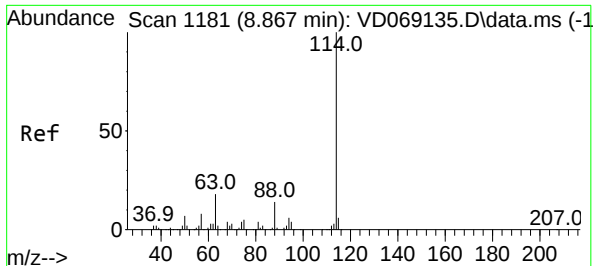
Tgt Ion: 56 Resp: 4538
Ion Ratio Lower Upper
56 100
69 95.3 30.6 46.0#
84 89.8 88.0 132.0



#33
1,2-Dichloroethane-d4
Concen: 82.93 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

Tgt Ion: 65 Resp: 107017
Ion Ratio Lower Upper
65 100
67 53.6 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: VD069214.D

Acq: 20 May 2021 13:02

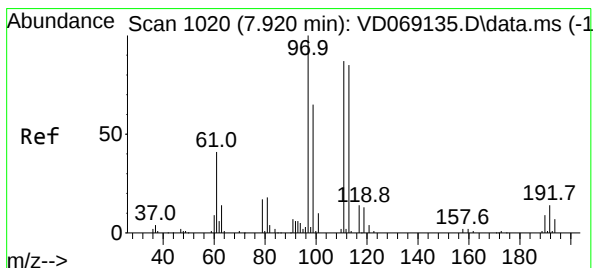
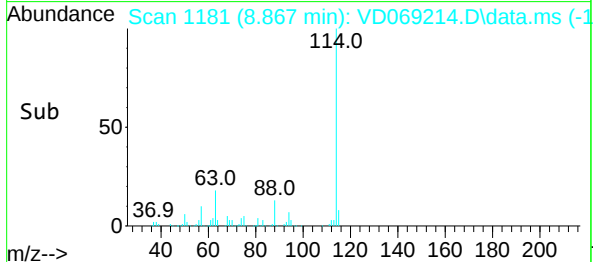
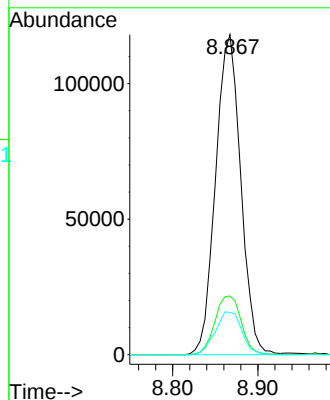
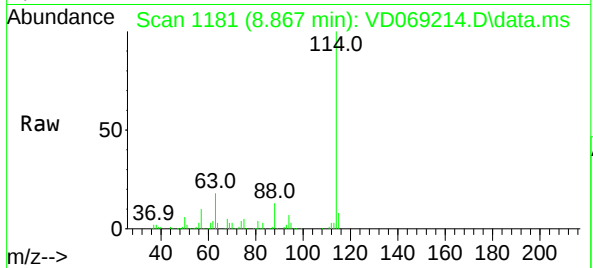
Tgt Ion:114 Resp: 242061

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 64.41 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD069214.D

Acq: 20 May 2021 13:02

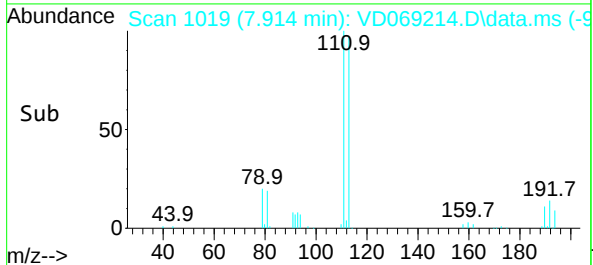
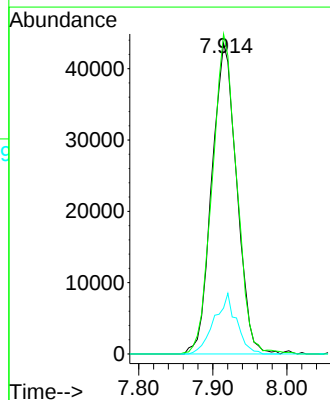
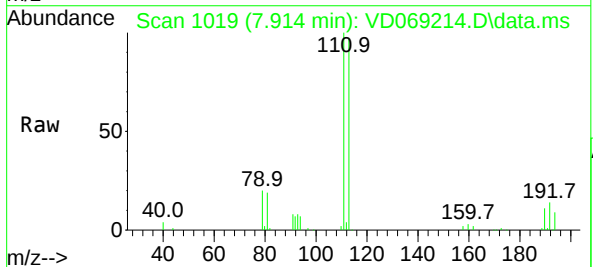
Tgt Ion:113 Resp: 101455

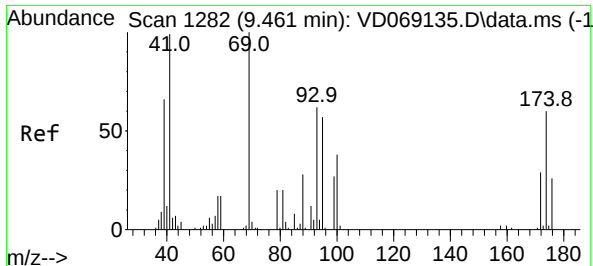
Ion Ratio Lower Upper

113 100

111 101.1 80.6 120.8

192 17.4 14.8 22.2





#48

Methyl methacrylate

Concen: 1.12 ug/l

RT: 9.361 min Scan# 1265

Delta R.T. -0.100 min

Lab File: VD069214.D

Acq: 20 May 2021 13:02

Tgt Ion: 41 Resp: 712

Ion Ratio Lower Upper

41 100

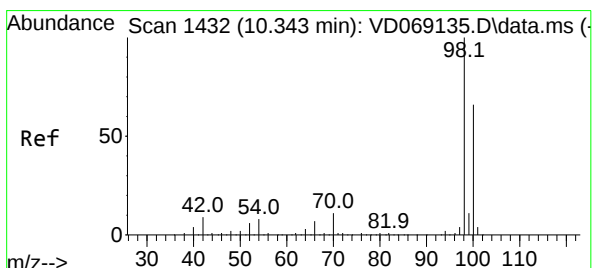
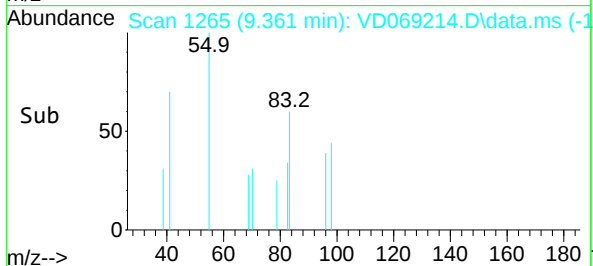
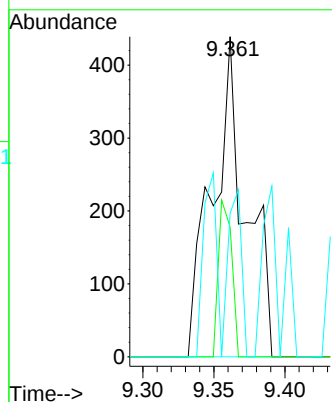
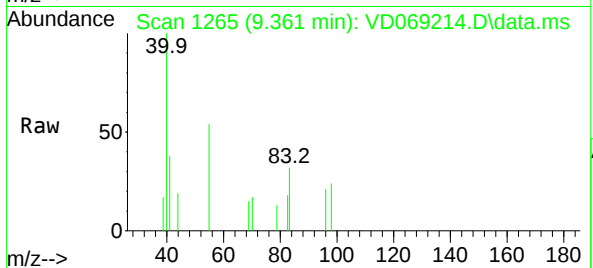
69 19.5 88.0 132.0#

39 21.1 51.4 77.0#

Instrument :

MSVOA_D

ClientSampleId :



#50

Toluene-d8

Concen: 54.06 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.005 min

Lab File: VD069214.D

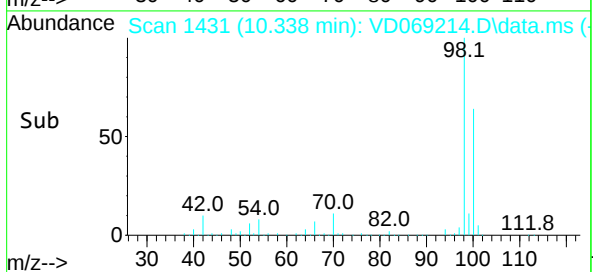
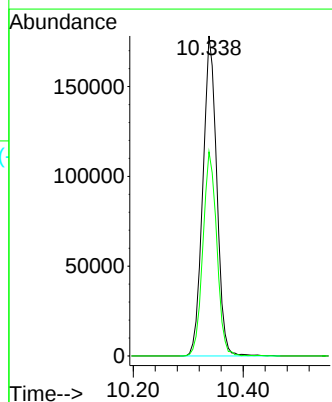
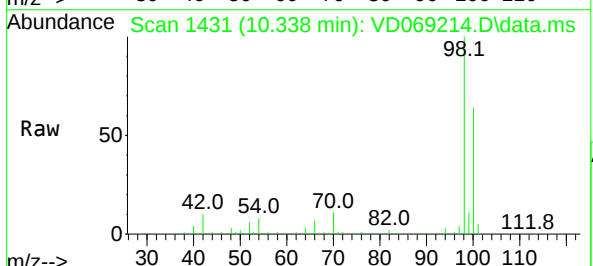
Acq: 20 May 2021 13:02

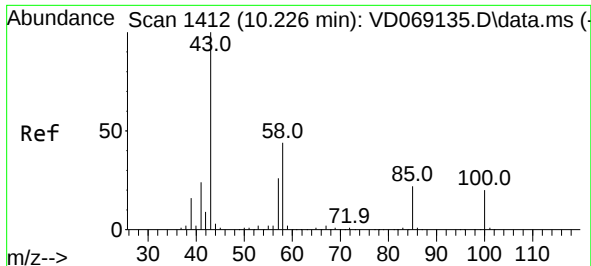
Tgt Ion: 98 Resp: 312927

Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.8

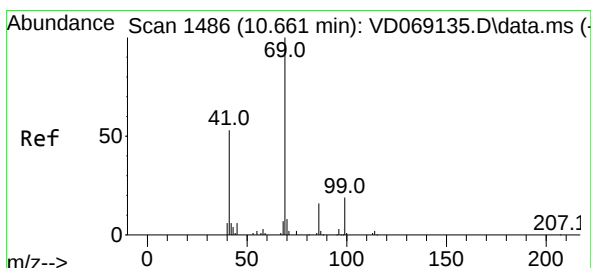
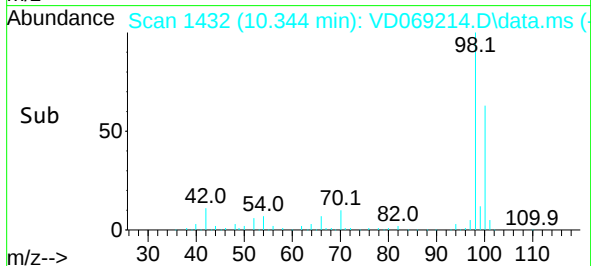
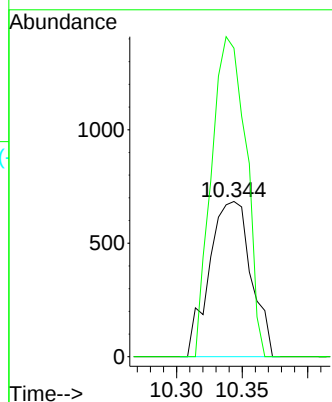
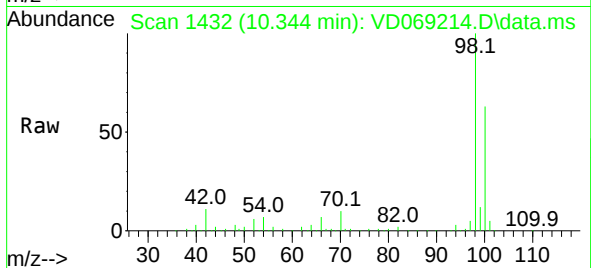




#51
4-Methyl-2-Pentanone
Concen: 2.14 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

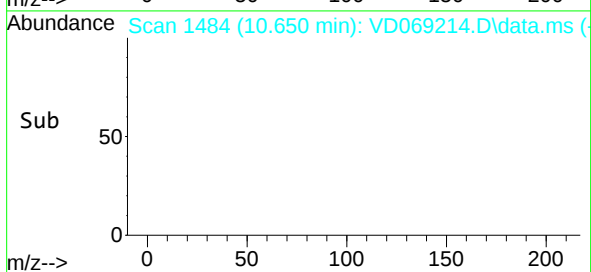
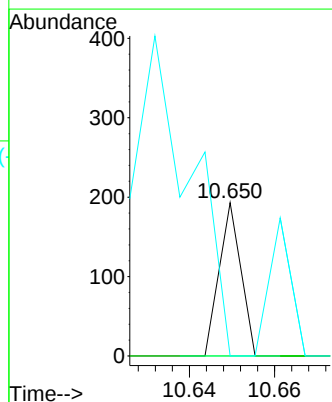
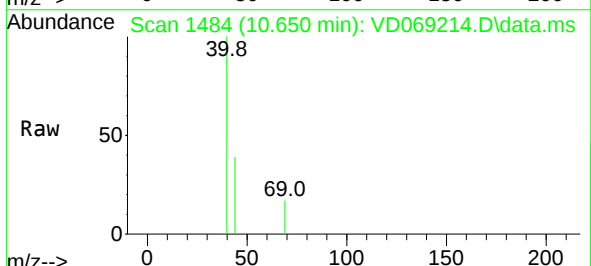
Instrument :
MSVOA_D
ClientSampled :

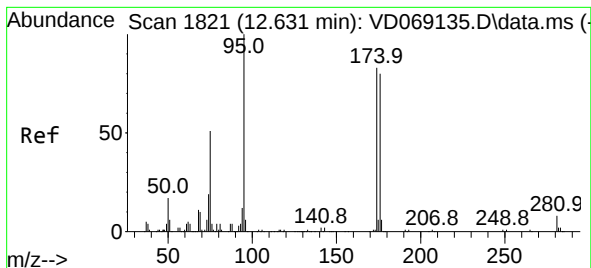
Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
58 170.3 35.0 52.4#



#56
Ethyl methacrylate
Concen: 1.36 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.011 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

Tgt Ion: 69 Resp: 68
Ion Ratio Lower Upper
69 100
41 0.0 42.2 63.2#
39 89.7 26.3 39.5#

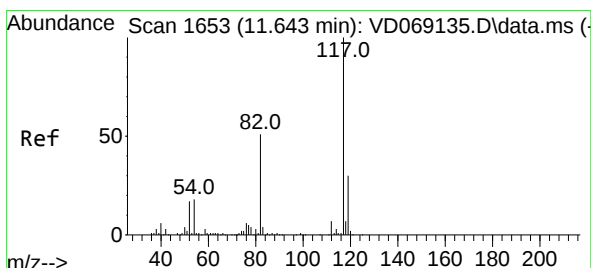
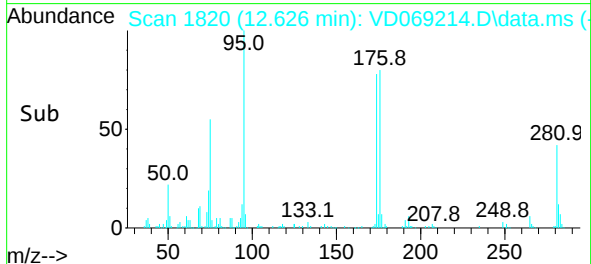
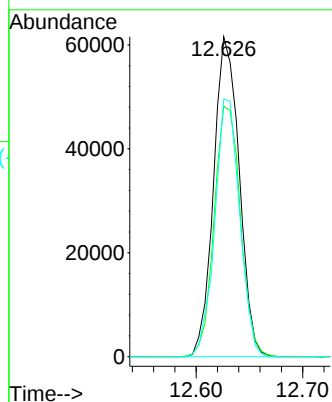
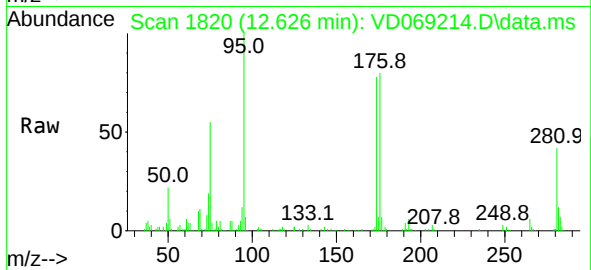




#62
4-Bromofluorobenzene
Concen: 55.19 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.005 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

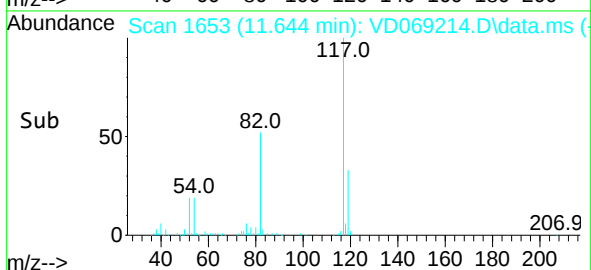
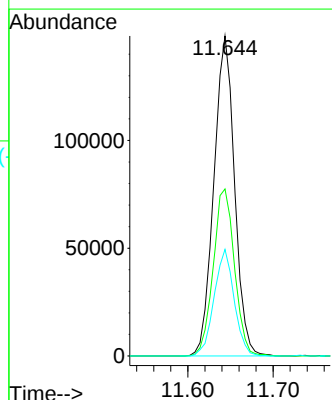
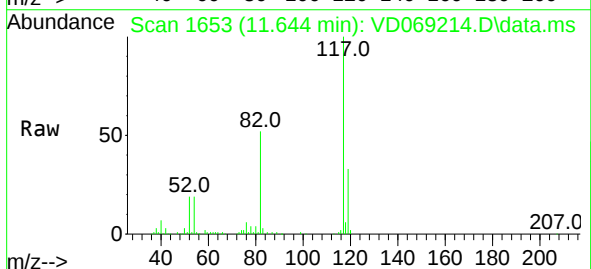
Instrument :
MSVOA_D
ClientSampleId :

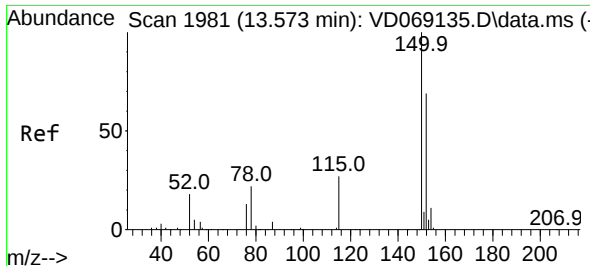
Tgt Ion: 95 Resp: 102788
Ion Ratio Lower Upper
95 100
174 80.3 0.0 171.8
176 78.2 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

Tgt Ion: 117 Resp: 250487
Ion Ratio Lower Upper
117 100
82 52.2 40.5 60.7
119 33.3 24.2 36.4

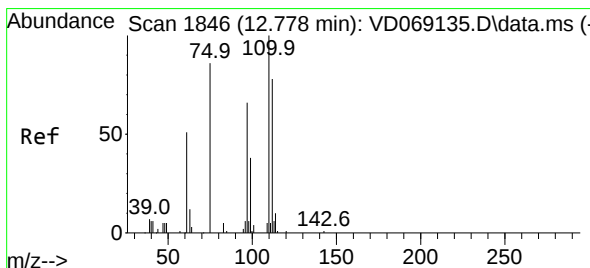
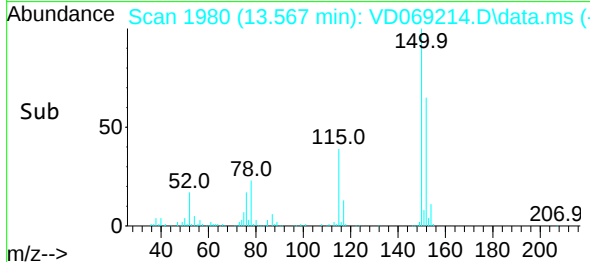
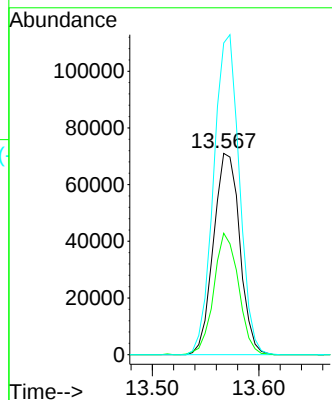
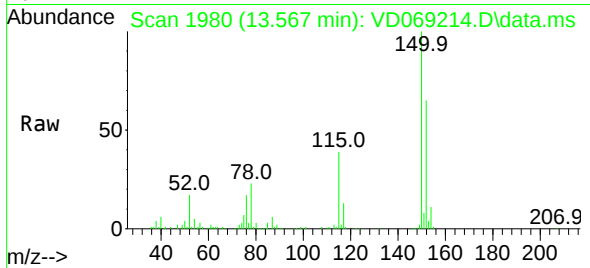




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.005 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

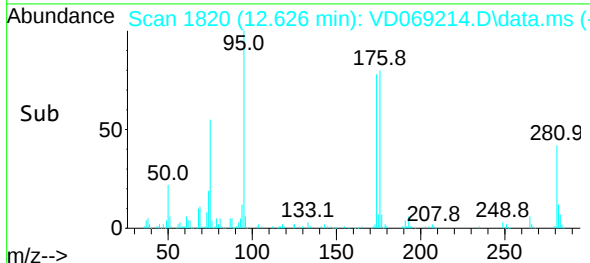
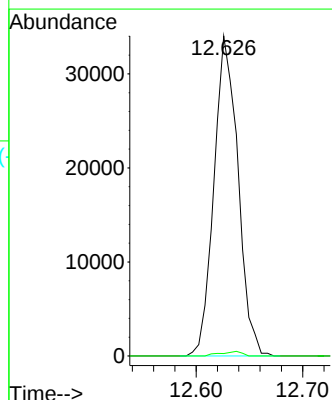
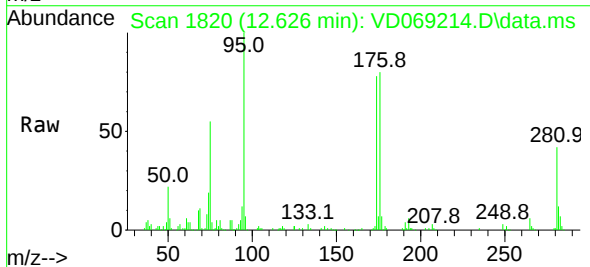
Instrument :
MSVOA_D
ClientSampled :

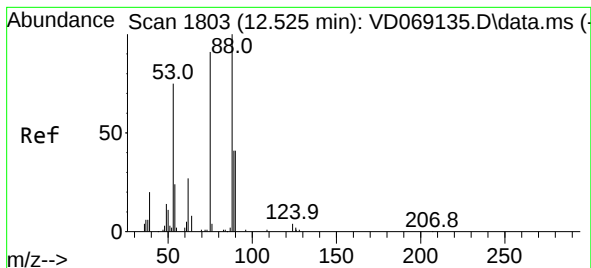
Tgt Ion:152 Resp: 121496
Ion Ratio Lower Upper
152 100
115 57.1 29.9 89.8
150 155.7 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 58.30 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

Tgt Ion: 75 Resp: 53243
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

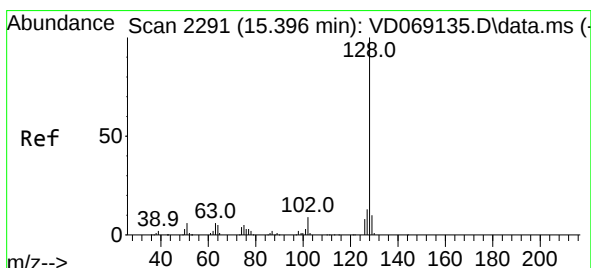
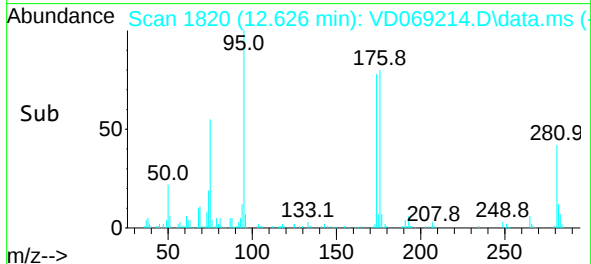
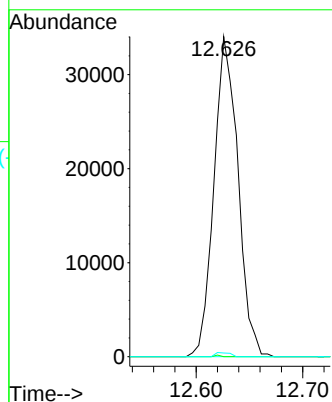
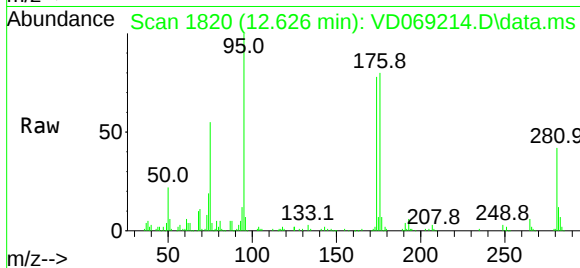




#81
trans-1,4-Dichloro-2-butene
Concen: 117.76 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 53243
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 0.8 40.2 60.2#



#95
Naphthalene
Concen: 2.40 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.011 min
Lab File: VD069214.D
Acq: 20 May 2021 13:02

Tgt Ion:128 Resp: 1483
Ion Ratio Lower Upper
128 100
127 6.9 10.5 15.7#
129 0.0 8.9 13.3#

