

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
 Data File : VD069240.D
 Acq On : 21 May 2021 15:56
 Operator : VA/SY
 Sample : M2482-01
 Misc : 6.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-052021

Quant Time: May 22 00:34:51 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)

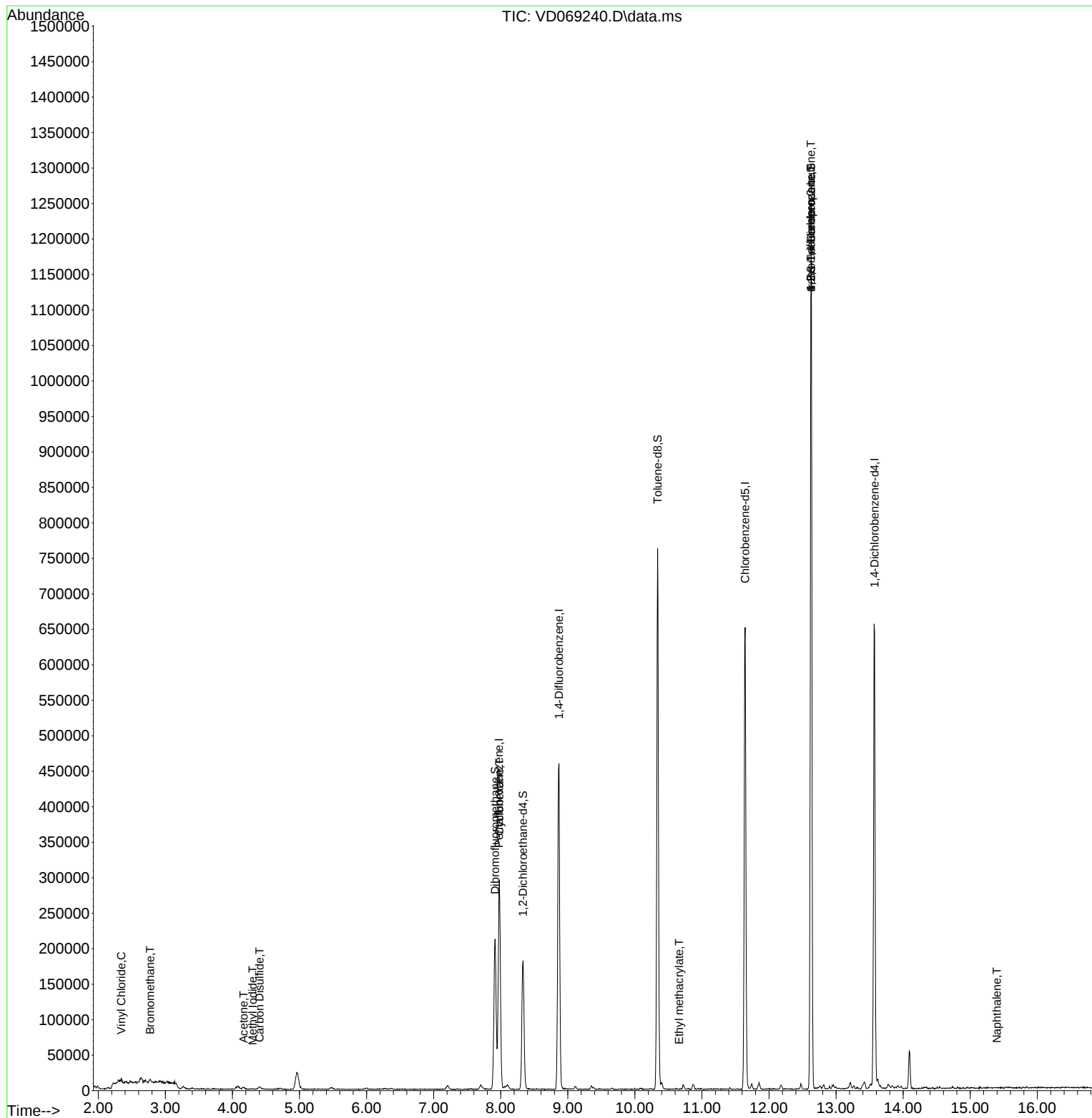
Internal Standards						
1) Pentafluorobenzene	7.973	168	210923	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.867	114	397788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	386146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	175052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	141451	66.90	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.80%			
35) Dibromofluoromethane	7.914	113	146588	56.63	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.26%			
50) Toluene-d8	10.338	98	507515	53.36	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.72%			
62) 4-Bromofluorobenzene	12.626	95	178432	58.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.60%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.344	62	3444	1.01	ug/l	99
5) Bromomethane	2.773	94	3085	1.21	ug/l #	48
10) Methyl Iodide	4.303	142	512	1.13	ug/l #	67
11) Tert butyl alcohol	5.215	59	279	Below Cal	#	73
16) Acetone	4.168	43	4941	15.26	ug/l #	76
17) Carbon Disulfide	4.403	76	7196	1.03	ug/l	98
20) Methylene Chloride	4.973	84	20117	Below Cal	#	84
31) Cyclohexane	7.979	56	6556	2.09	ug/l #	39
56) Ethyl methacrylate	10.661	69	265	1.43	ug/l #	46
76) 1,2,3-Trichloropropane	12.626	75	97954	74.44	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	97954	150.36	ug/l #	15
95) Naphthalene	15.396	128	689	2.16	ug/l #	69

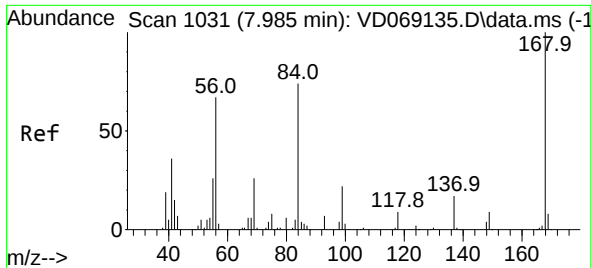
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
Data File : VD069240.D
Acq On : 21 May 2021 15:56
Operator : VA/SY
Sample : M2482-01
Misc : 6.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-02-052021

Quant Time: May 22 00:34:51 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

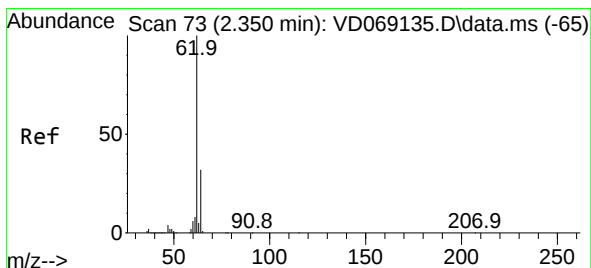
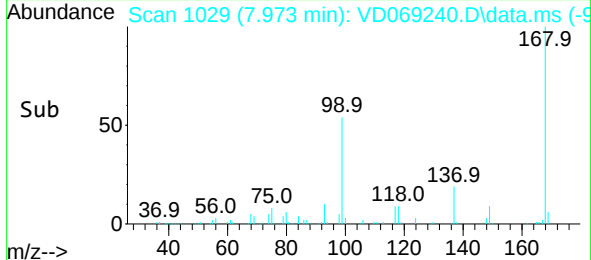
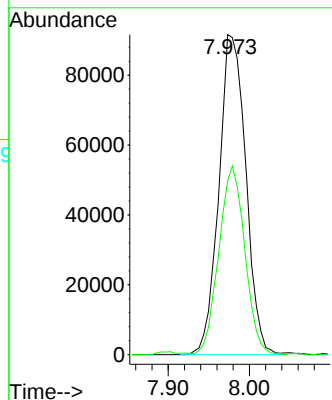
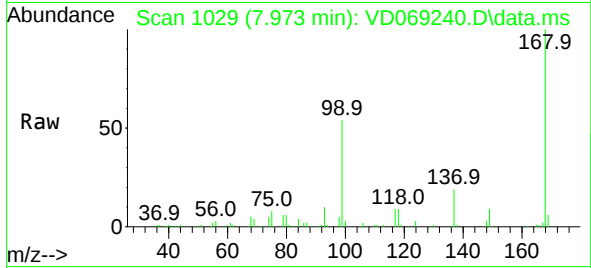




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

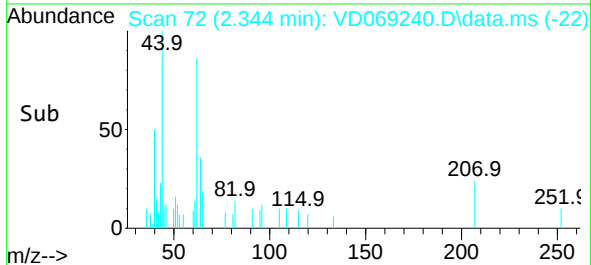
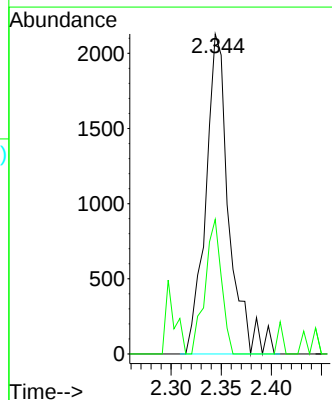
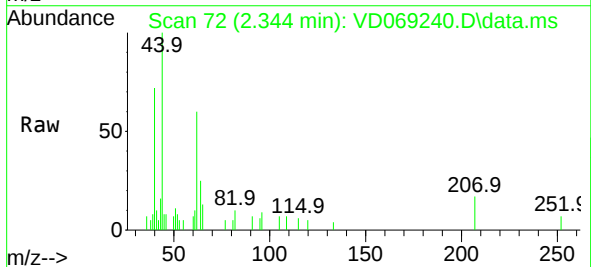
Instrument :
MSVOA_D
ClientSampleId :
BU-02-052021

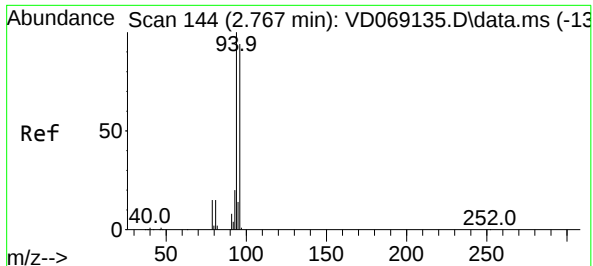
Tgt Ion:168 Resp: 210923
Ion Ratio Lower Upper
168 100
99 54.1 47.2 70.8



#4
Vinyl Chloride
Concen: 1.01 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.005 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

Tgt Ion: 62 Resp: 3444
Ion Ratio Lower Upper
62 100
64 32.0 25.3 37.9

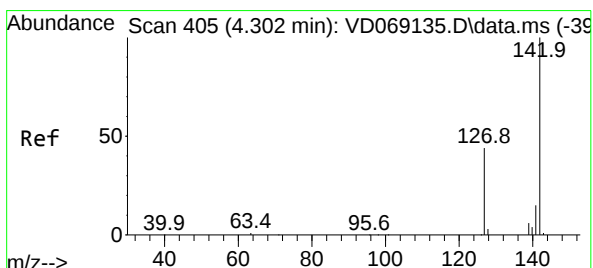
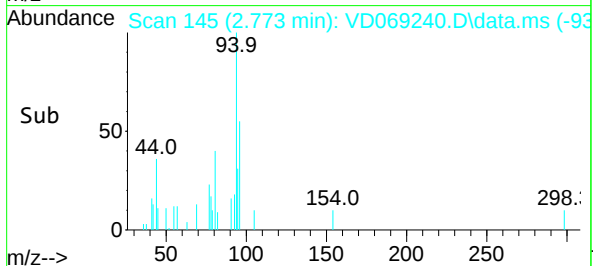
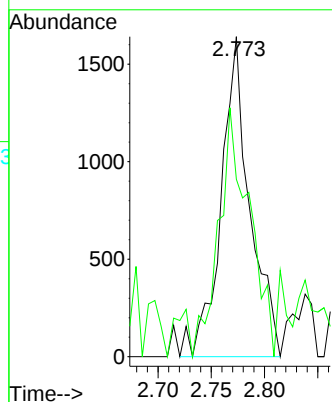
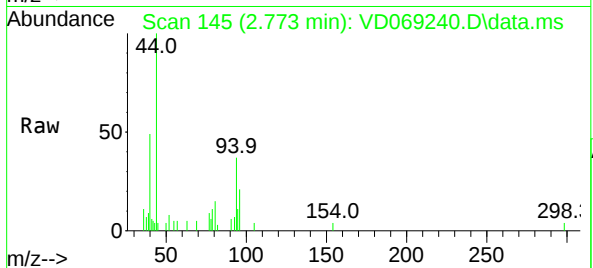




#5
Bromomethane
Concen: 1.21 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

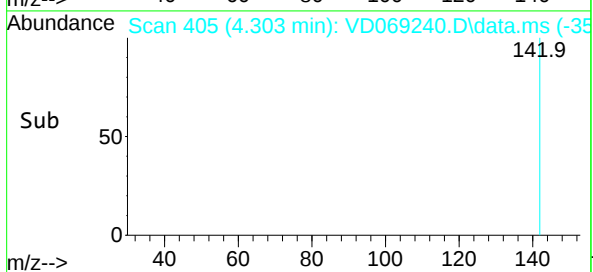
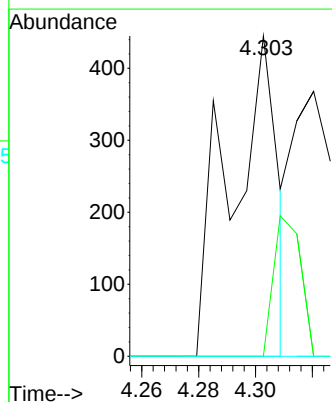
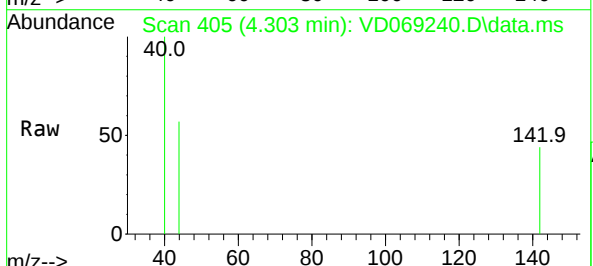
Instrument :
MSVOA_D
ClientSampleId :
BU-02-052021

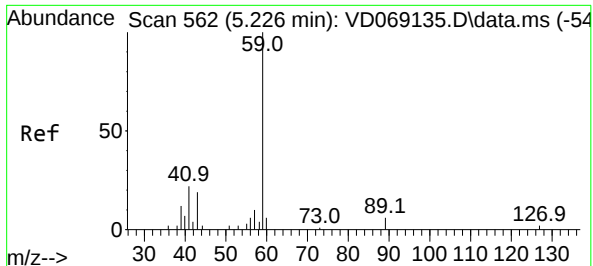
Tgt Ion: 94 Resp: 3085
Ion Ratio Lower Upper
94 100
96 44.1 75.4 113.0#



#10
Methyl Iodide
Concen: 1.13 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

Tgt Ion:142 Resp: 512
Ion Ratio Lower Upper
142 100
127 25.2 37.3 55.9#
141 0.0 12.2 18.4#



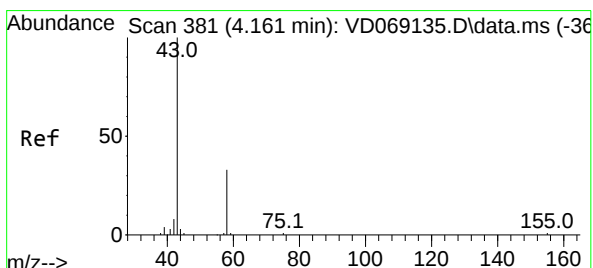
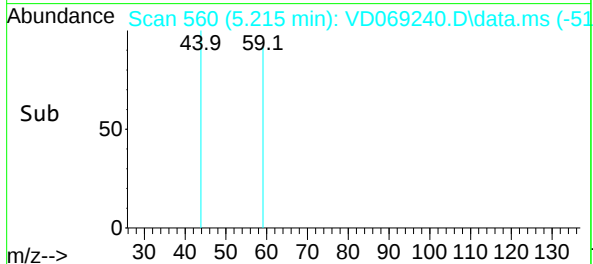
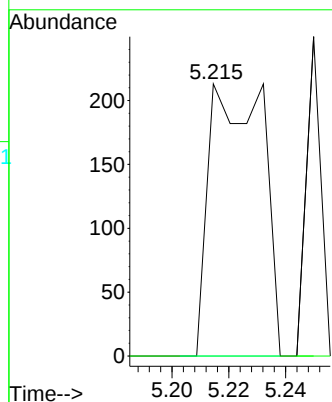
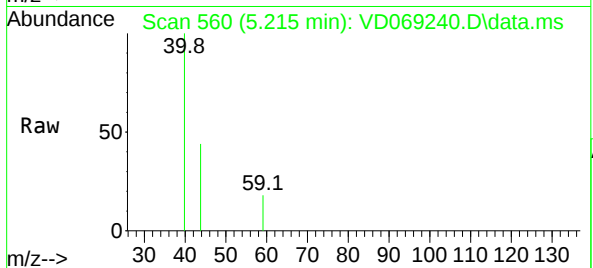


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.011 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

Instrument :
MSVOA_D
ClientSampleId :
BU-02-052021

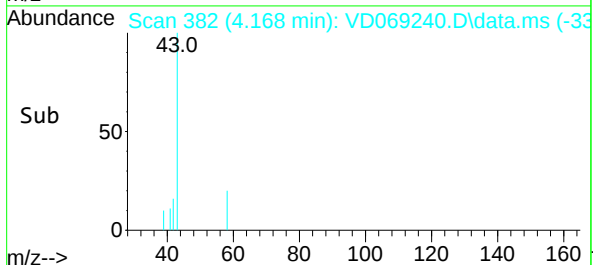
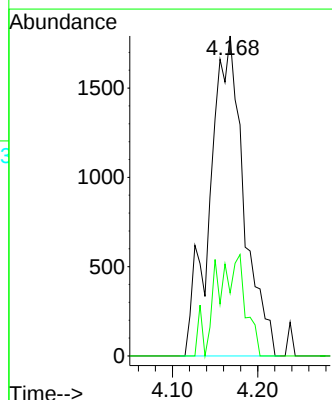
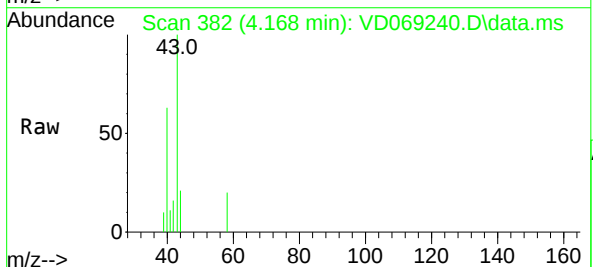
Tgt Ion: 59 Resp: 279
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

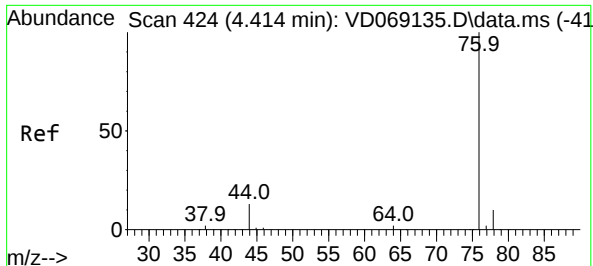


#16

Acetone
Concen: 15.26 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

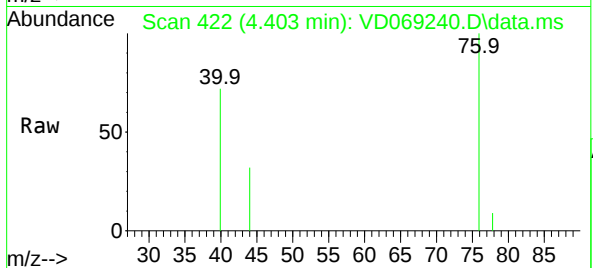
Tgt Ion: 43 Resp: 4941
Ion Ratio Lower Upper
43 100
58 19.6 26.7 40.1#



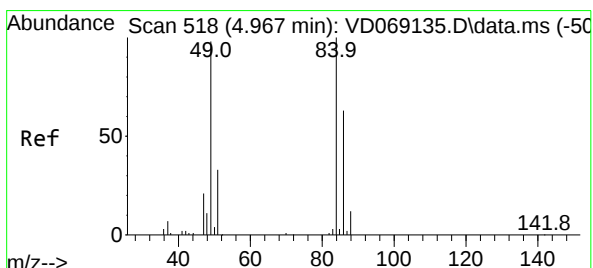
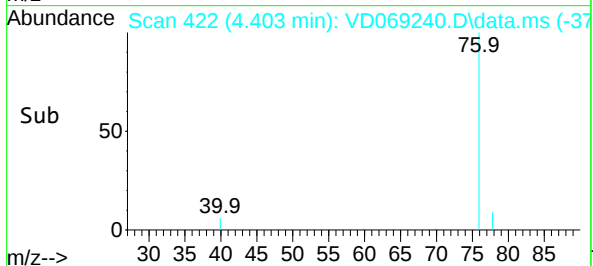
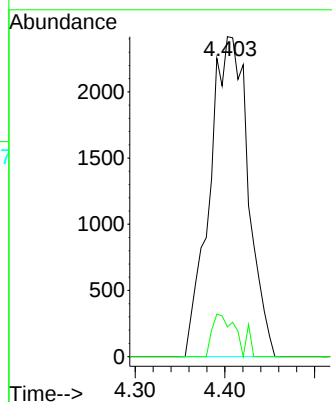


#17
Carbon Disulfide
Concen: 1.03 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.011 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

Instrument :
MSVOA_D
ClientSampleId :
BU-02-052021

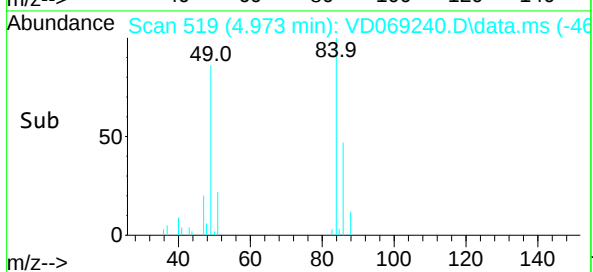
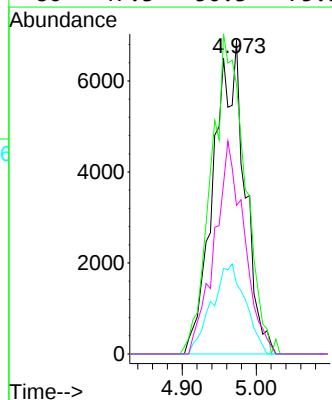
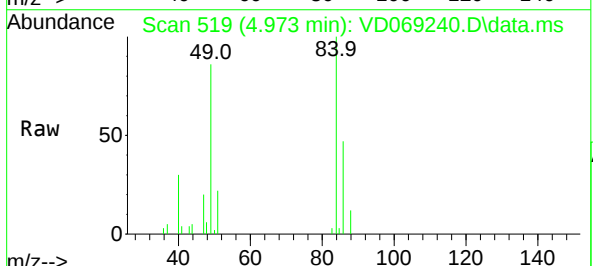


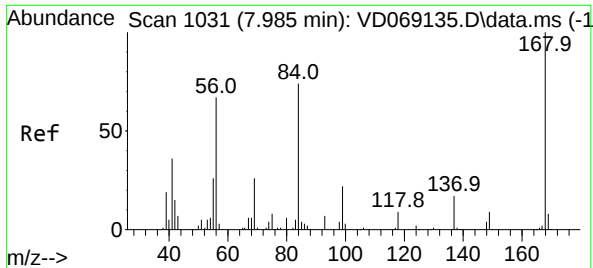
Tgt Ion: 76 Resp: 7196
Ion Ratio Lower Upper
76 100
78 9.3 8.1 12.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

Tgt Ion: 84 Resp: 20117
Ion Ratio Lower Upper
84 100
49 85.9 78.6 117.8
51 22.4 26.7 40.1#
86 47.3 50.3 75.5#

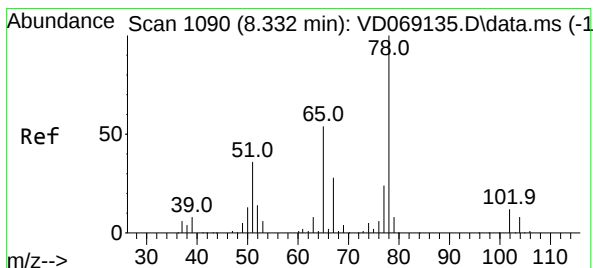
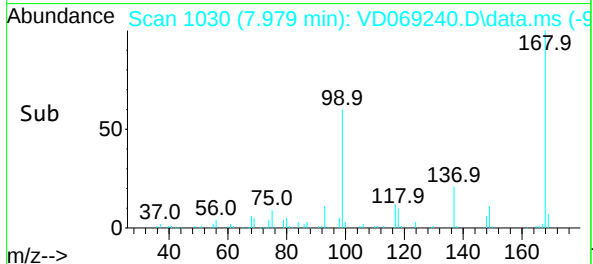
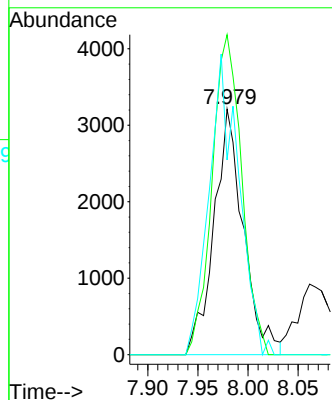
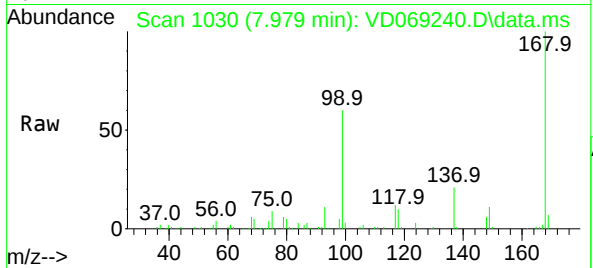




#31
Cyclohexane
Concen: 2.09 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.005 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

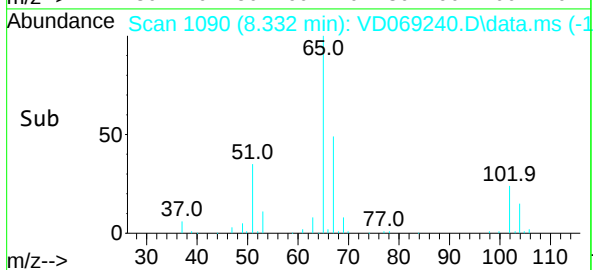
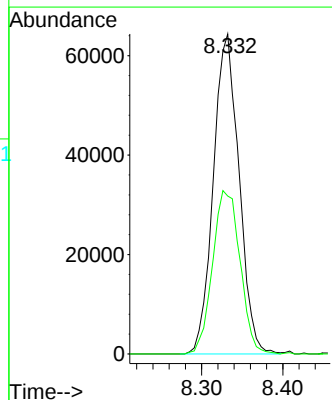
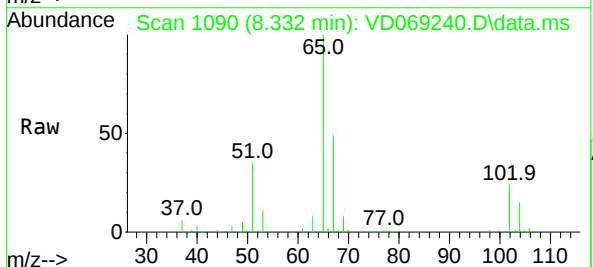
Instrument :
MSVOA_D
ClientSampleId :
BU-02-052021

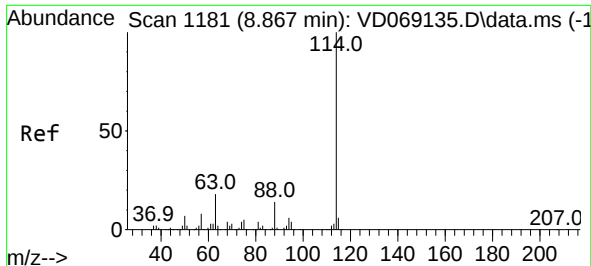
Tgt Ion: 56 Resp: 6556
Ion Ratio Lower Upper
56 100
69 130.4 30.6 46.0#
84 79.3 88.0 132.0#



#33
1,2-Dichloroethane-d4
Concen: 66.90 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

Tgt Ion: 65 Resp: 141451
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.0

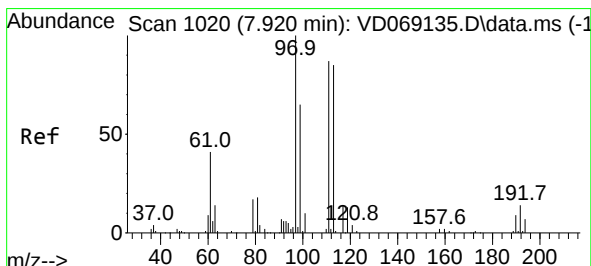
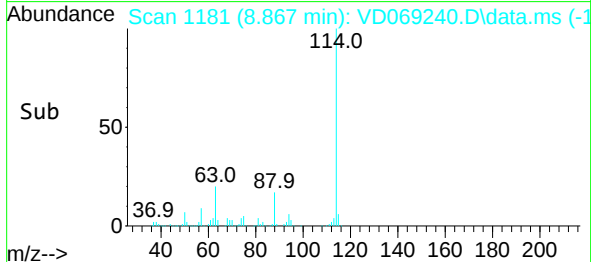
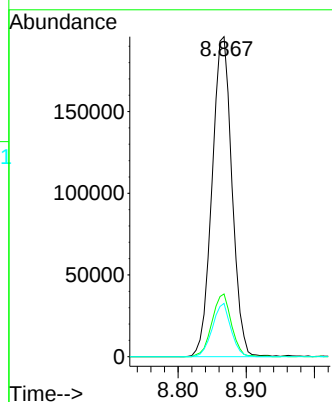
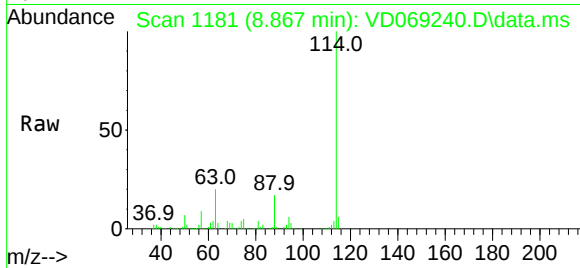




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

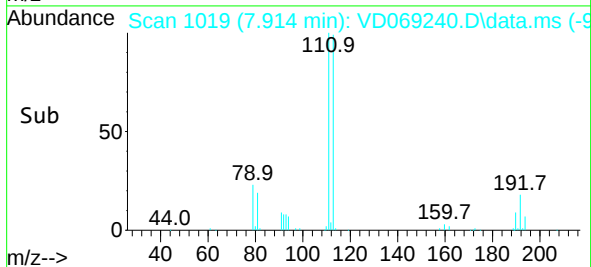
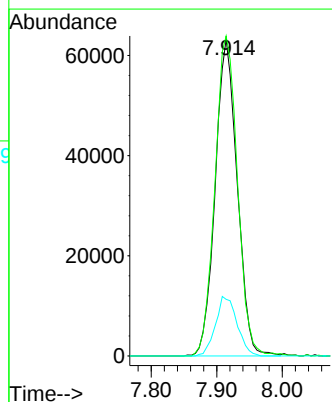
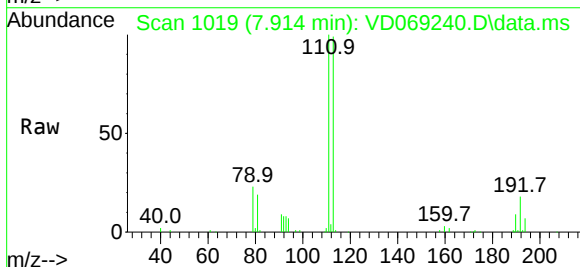
Instrument :
MSVOA_D
ClientSampleId :
BU-02-052021

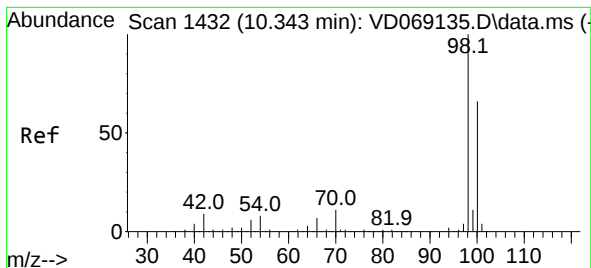
Tgt Ion:	114	Resp:	397788
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	36.4
88	16.6	0.0	28.2



#35
Dibromofluoromethane
Concen: 56.63 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

Tgt Ion:	113	Resp:	146588
Ion Ratio	Lower	Upper	
113	100		
111	103.5	80.6	120.8
192	18.4	14.8	22.2

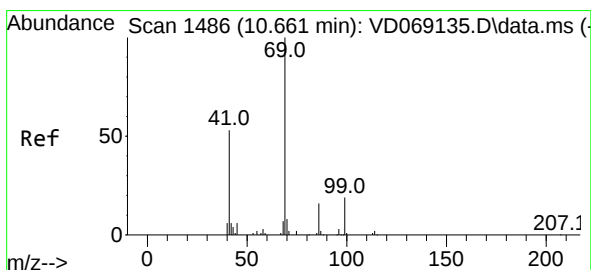
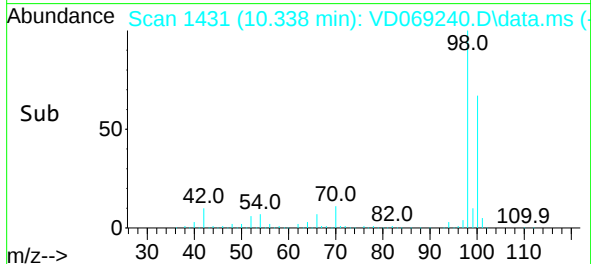
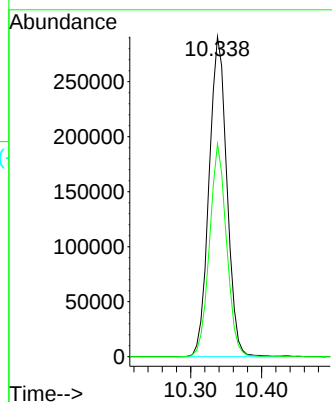
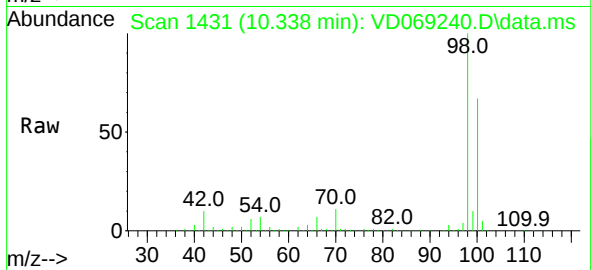




#50
Toluene-d8
Concen: 53.36 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

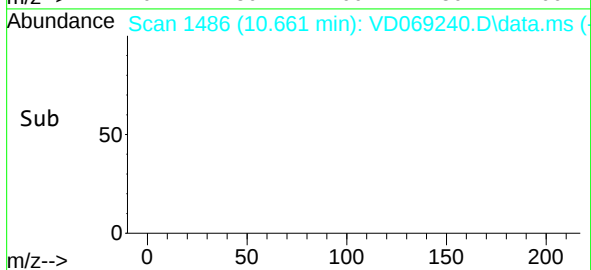
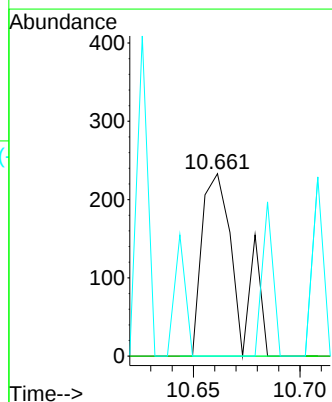
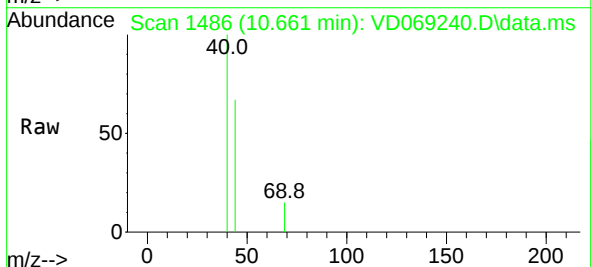
Instrument :
MSVOA_D
ClientSampleId :
BU-02-052021

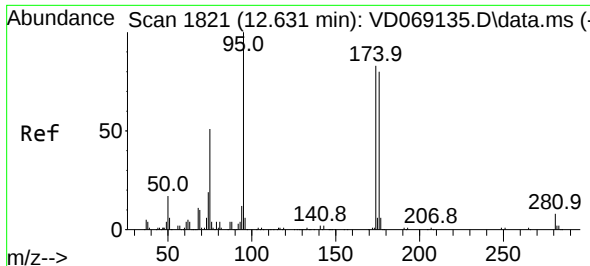
Tgt Ion: 98 Resp: 507515
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#56
Ethyl methacrylate
Concen: 1.43 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

Tgt Ion: 69 Resp: 265
Ion Ratio Lower Upper
69 100
41 0.0 42.2 63.2#
39 20.8 26.3 39.5#

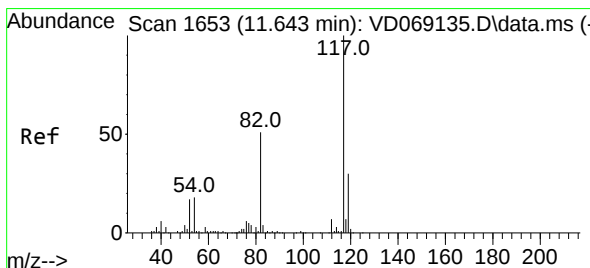
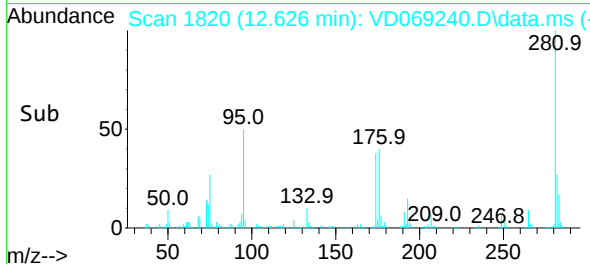
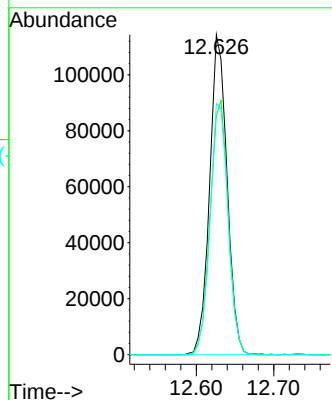
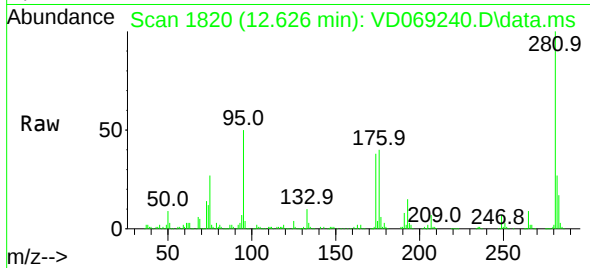




#62
4-Bromofluorobenzene
Concen: 58.30 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.005 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

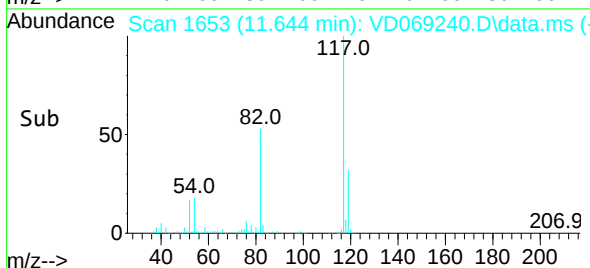
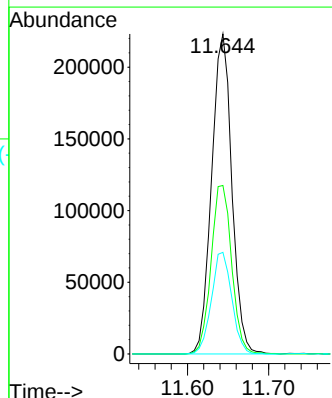
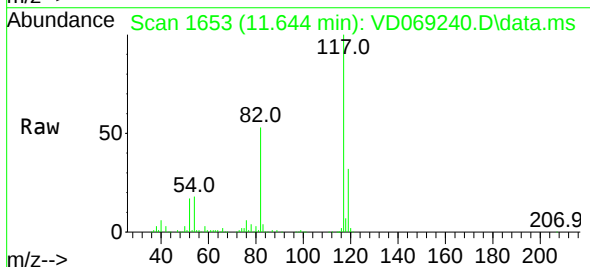
Instrument :
MSVOA_D
ClientSampleId :
BU-02-052021

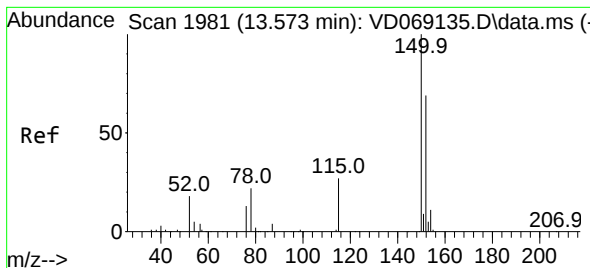
Tgt Ion: 95 Resp: 178432
Ion Ratio Lower Upper
95 100
174 82.4 0.0 171.8
176 80.8 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

Tgt Ion:117 Resp: 386146
Ion Ratio Lower Upper
117 100
82 52.6 40.5 60.7
119 31.7 24.2 36.4

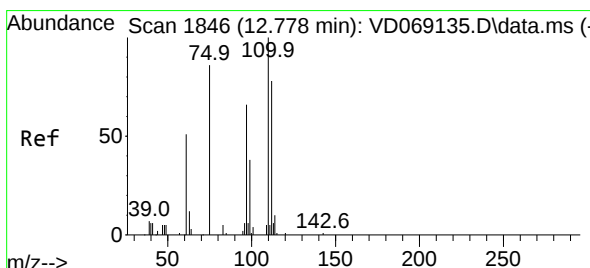
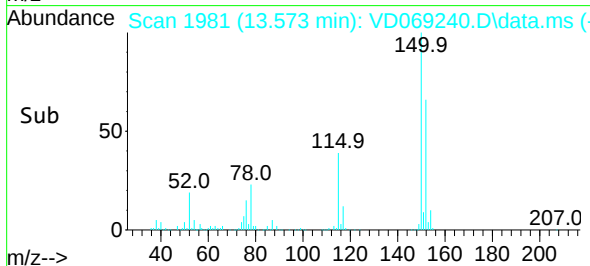
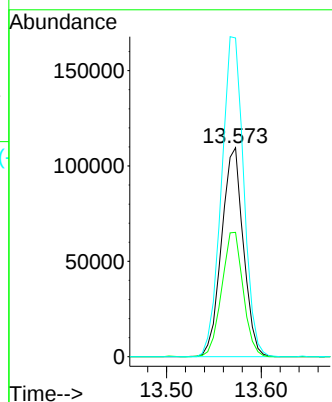
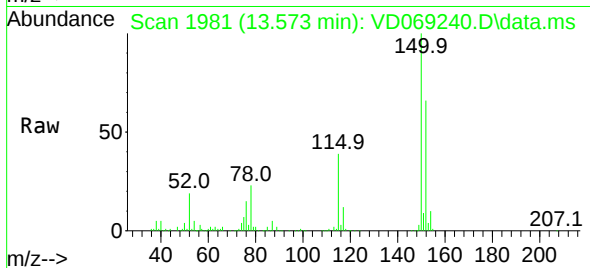




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

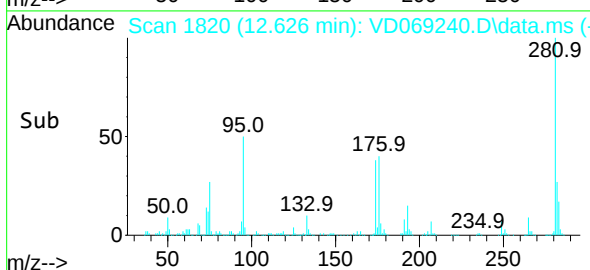
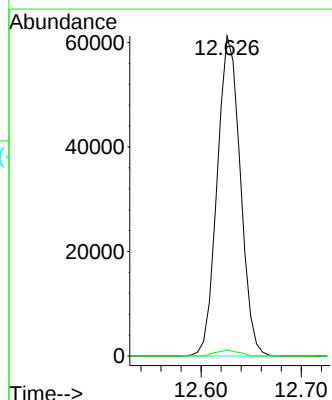
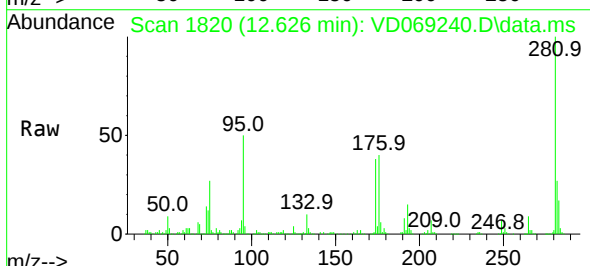
Instrument :
MSVOA_D
ClientSampleId :
BU-02-052021

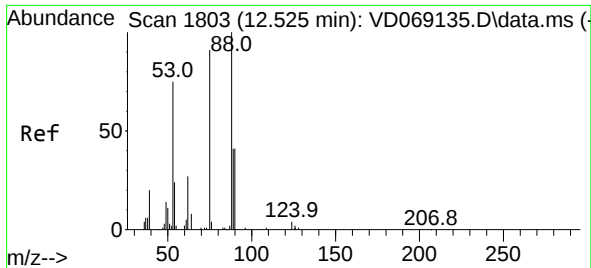
Tgt Ion:152 Resp: 175052
Ion Ratio Lower Upper
152 100
115 58.7 29.9 89.8
150 156.8 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 74.44 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

Tgt Ion: 75 Resp: 97954
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#

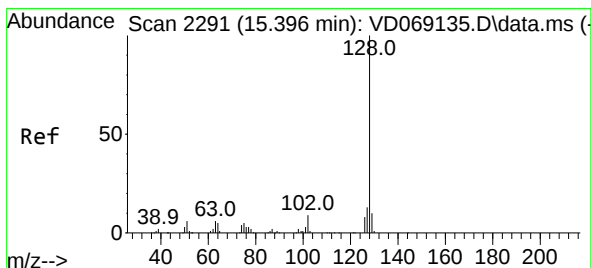
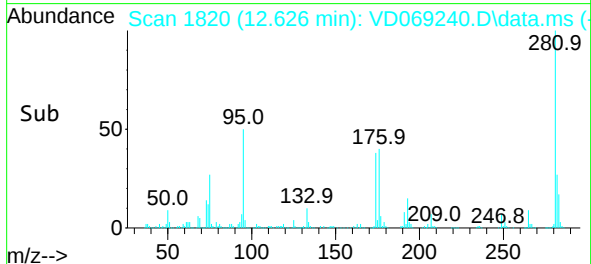
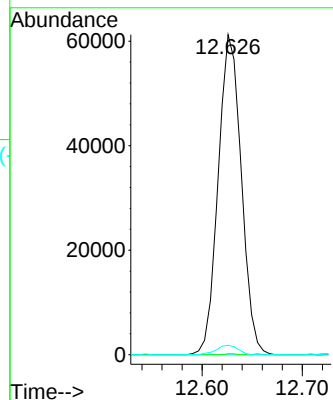
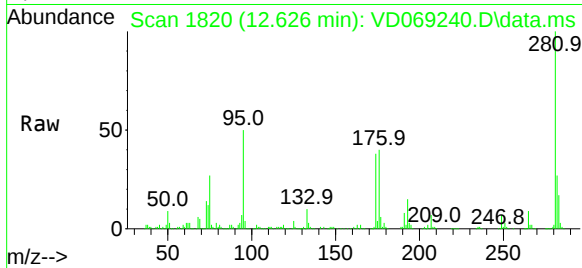




#81
trans-1,4-Dichloro-2-butene
Concen: 150.36 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

Instrument :
MSVOA_D
ClientSampleId :
BU-02-052021

Tgt Ion: 75 Resp: 97954
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 2.7 40.2 60.2#



#95
Naphthalene
Concen: 2.16 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069240.D
Acq: 21 May 2021 15:56

Tgt Ion:128 Resp: 689
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

