

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062521\
 Data File : VD069575.D
 Acq On : 25 Jun 2021 19:36
 Operator : VA/SY
 Sample : M2857-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-15-9.5-10.0

Quant Time: Jun 26 03:41:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	331797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	624172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	695235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	304213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	276635	66.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.780%	
35) Dibromofluoromethane	7.914	113	242369	57.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.880%	
50) Toluene-d8	10.338	98	837733	52.933	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.860%	
62) 4-Bromofluorobenzene	12.626	95	302513	58.142	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.280%	

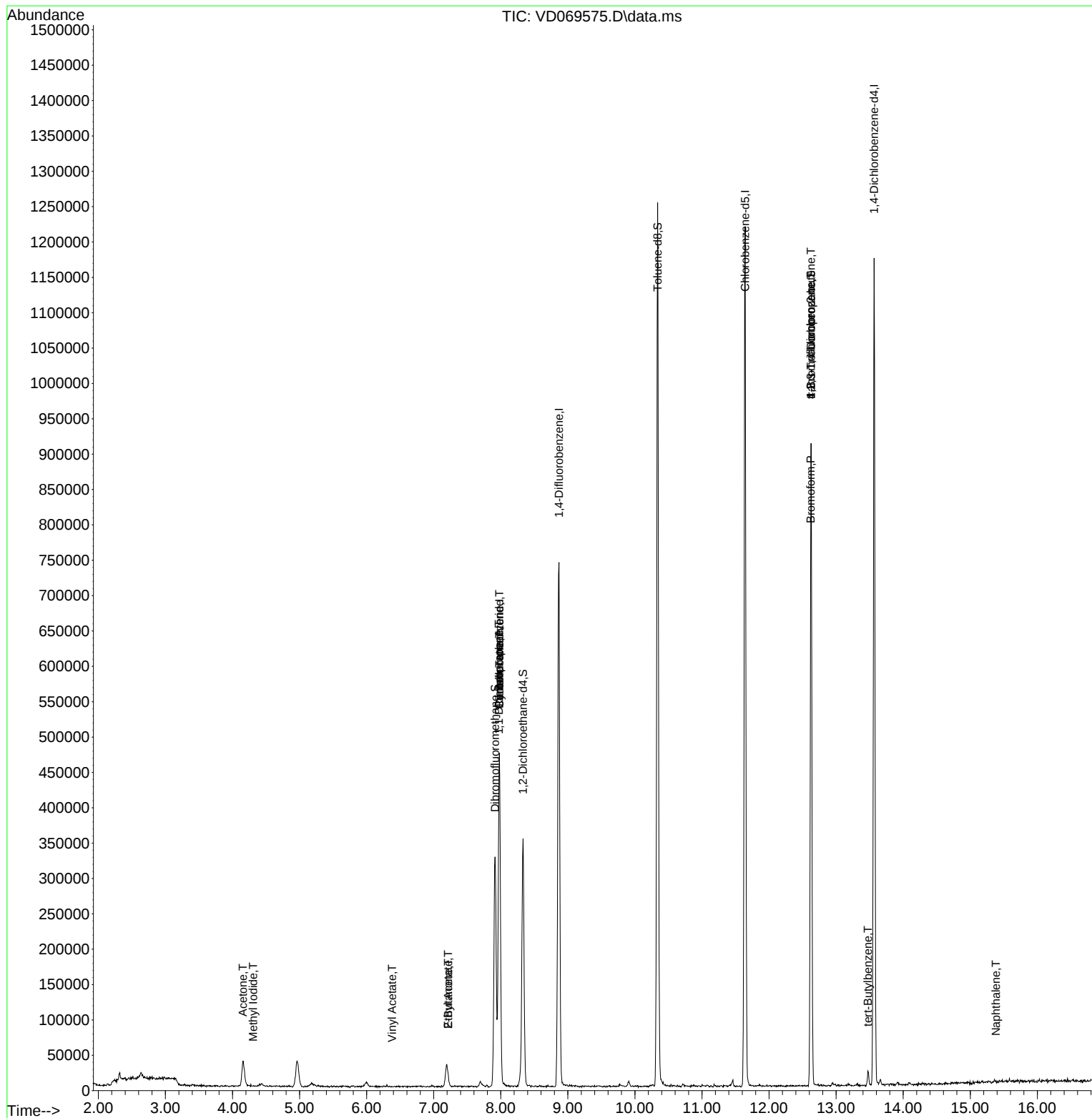
Target Compounds			Qvalue			
5) Bromomethane	2.785	94	422	Below Cal	#	1
10) Methyl Iodide	4.309	142	60	3.956	ug/l #	39
11) Tert butyl alcohol	5.185	59	4061	Below Cal	#	83
16) Acetone	4.156	43	62262	89.442	ug/l #	88
18) Methyl Acetate	4.726	43	129	Below Cal	#	49
20) Methylene Chloride	4.962	84	27940	Below Cal		98
23) Vinyl Acetate	6.379	43	78	19.023	ug/l #	70
25) 2-Butanone	7.214	43	3978	4.497	ug/l #	87
31) Cyclohexane	7.979	56	9075	1.630	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	31851	5.199	ug/l #	50
37) Ethyl Acetate	7.214	43	3978	1.750	ug/l #	67
38) Carbon Tetrachloride	7.979	117	37376	6.165	ug/l #	18
71) Bromoform	12.620	173	2691	1.056	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	151261	50.653	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	151261	126.473	ug/l #	12
83) tert-Butylbenzene	13.473	119	460	2.020	ug/l #	1
95) Naphthalene	15.384	128	104	3.365	ug/l #	69

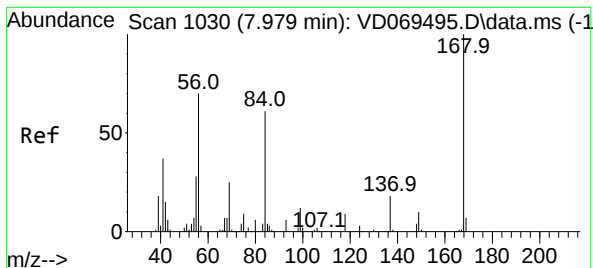
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062521\
Data File : VD069575.D
Acq On : 25 Jun 2021 19:36
Operator : VA/SY
Sample : M2857-09
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-15-9.5-10.0

Quant Time: Jun 26 03:41:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:33:24 2021
Response via : Initial Calibration

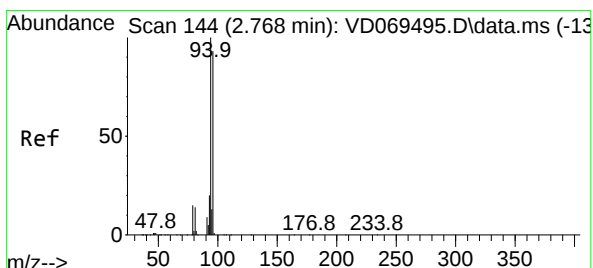
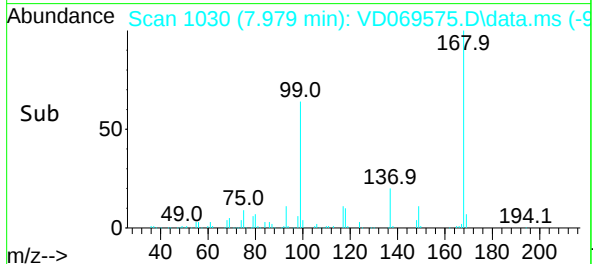
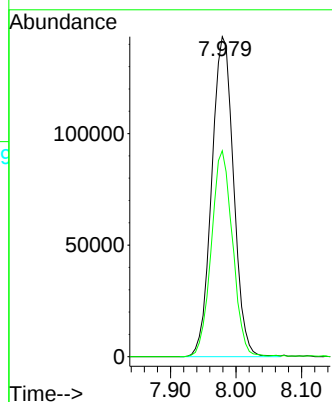
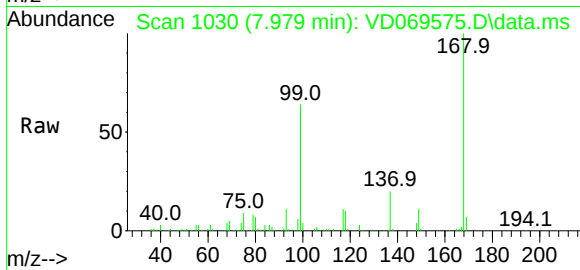




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

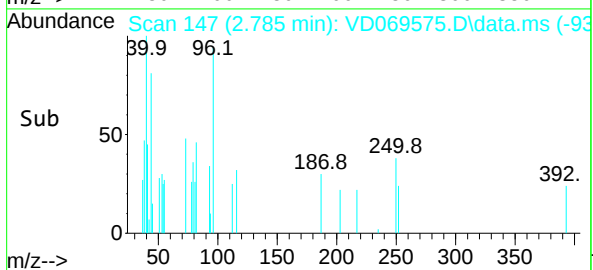
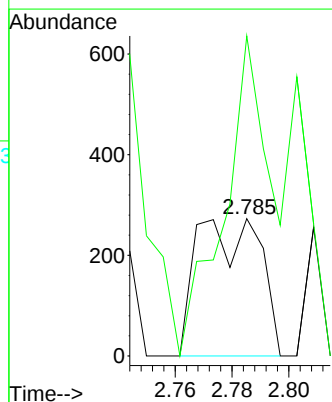
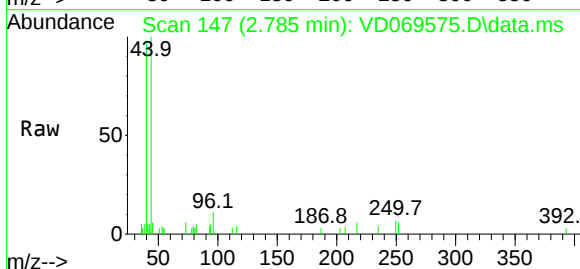
Instrument :
MSVOA_D
ClientSampleId :
SB-15-9.5-10.0

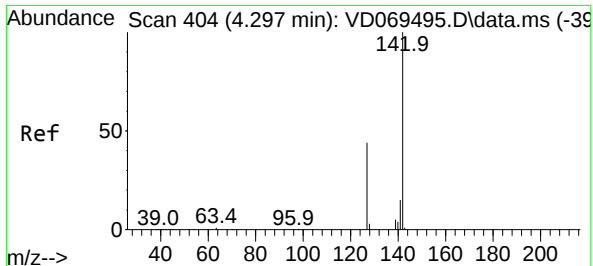
Tgt Ion:168 Resp: 331797
Ion Ratio Lower Upper
168 100
99 64.4 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 233.0 74.6 111.8#

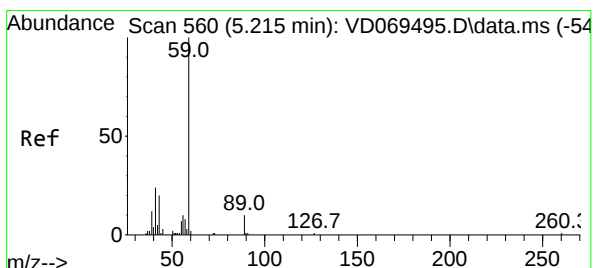
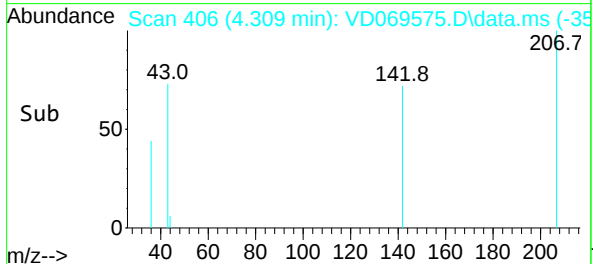
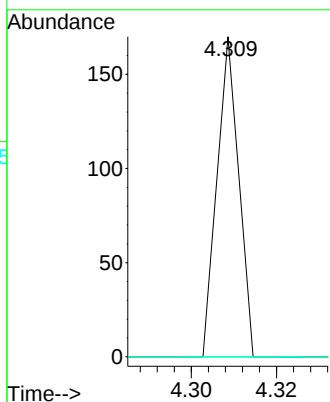
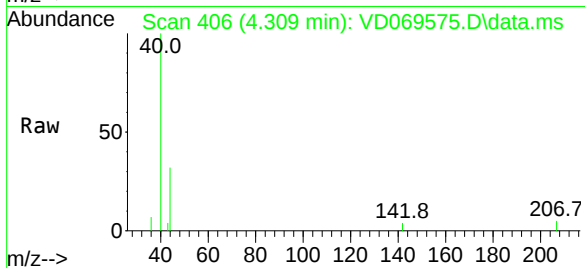




#10
Methyl Iodide
Concen: 3.956 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

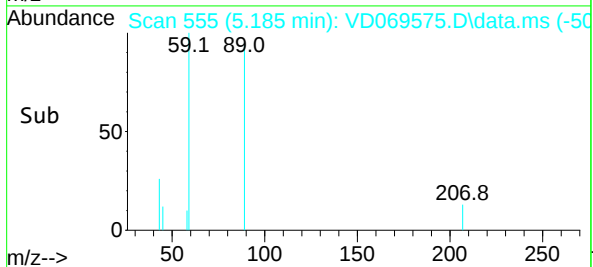
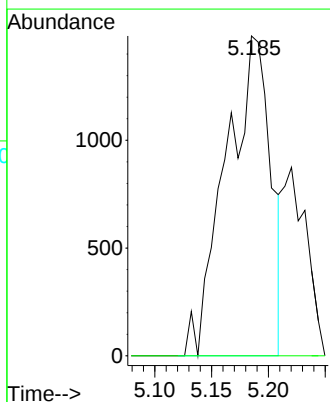
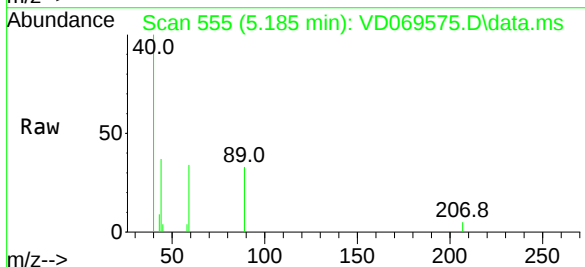
Instrument :
MSVOA_D
ClientSampleId :
SB-15-9.5-10.0

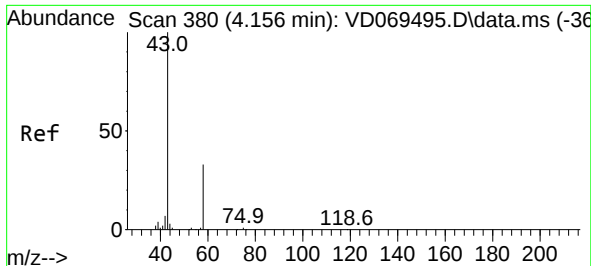
Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 36.5 54.7#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.030 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 59 Resp: 4061
Ion Ratio Lower Upper
59 100
57 0.0 4.6 7.0#

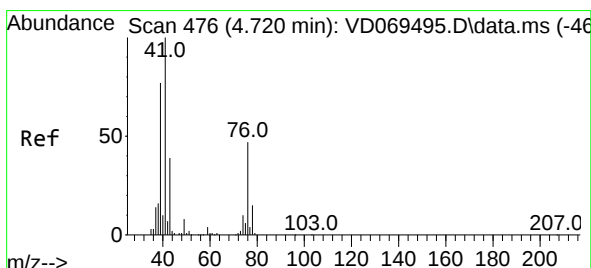
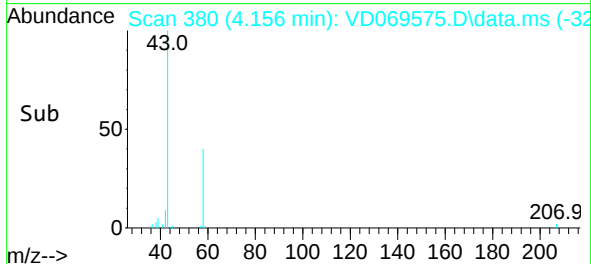
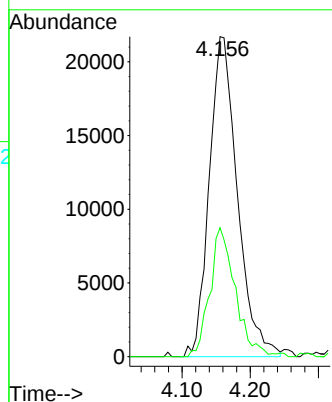
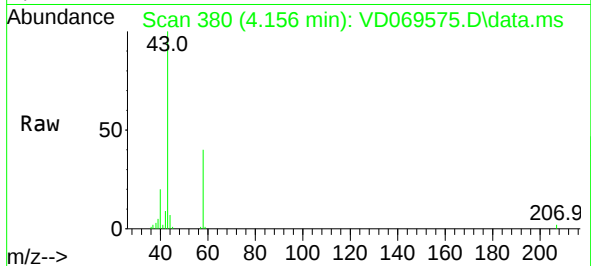




#16
Acetone
Concen: 89.442 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

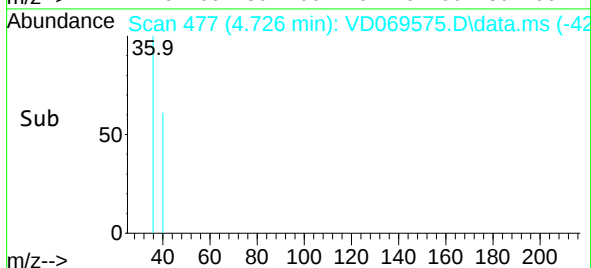
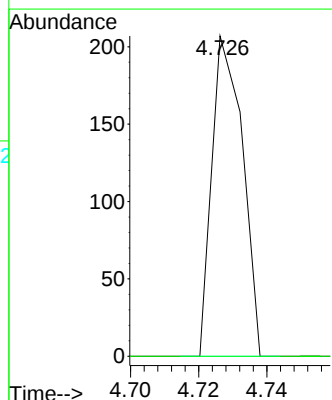
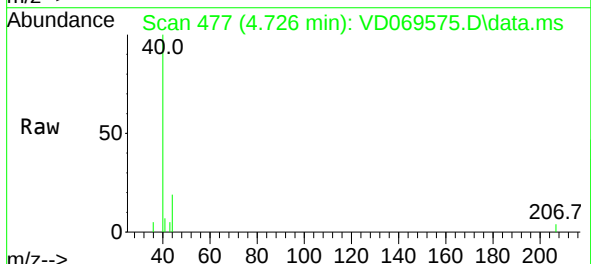
Instrument :
MSVOA_D
ClientSampleId :
SB-15-9.5-10.0

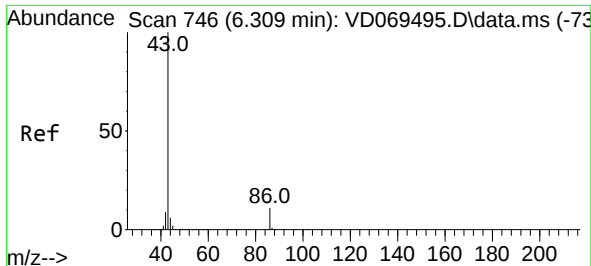
Tgt Ion: 43 Resp: 62262
Ion Ratio Lower Upper
43 100
58 40.3 26.8 40.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#

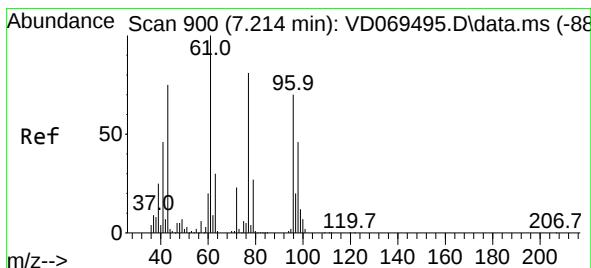
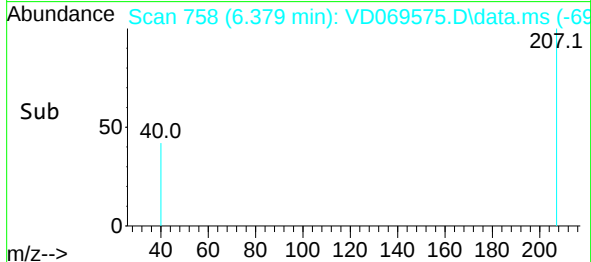
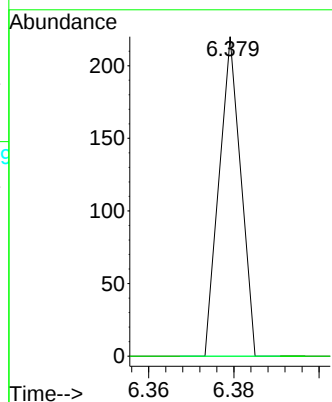
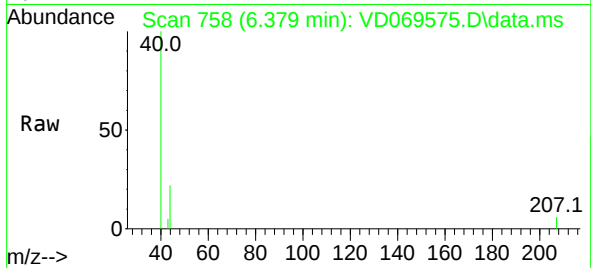




#23
 Vinyl Acetate
 Concen: 19.023 ug/l
 RT: 6.379 min Scan# 758
 Delta R.T. 0.070 min
 Lab File: VD069575.D
 Acq: 25 Jun 2021 19:36

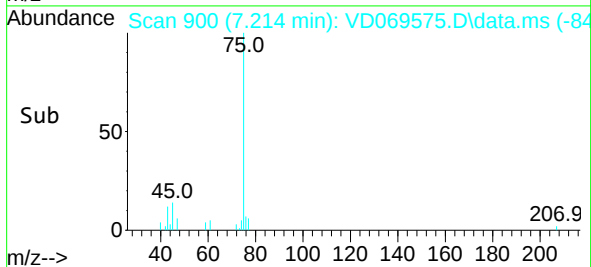
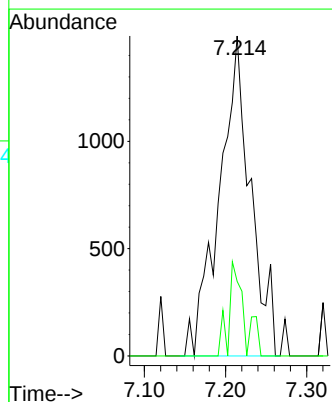
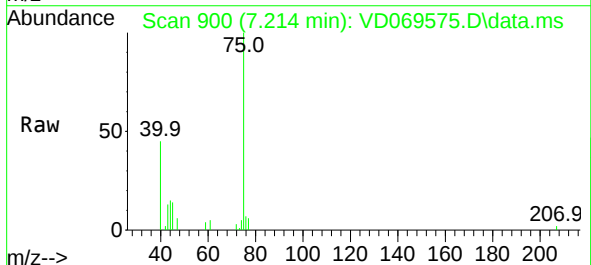
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-15-9.5-10.0

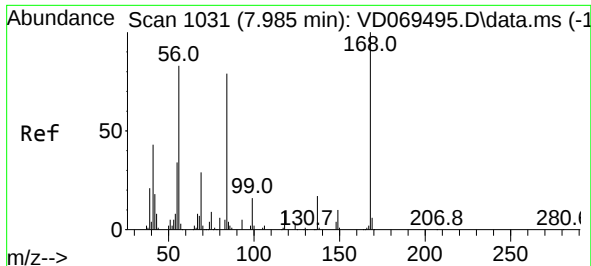
Tgt Ion: 43 Resp: 78
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.1 13.7#



#25
 2-Butanone
 Concen: 4.497 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. -0.000 min
 Lab File: VD069575.D
 Acq: 25 Jun 2021 19:36

Tgt Ion: 43 Resp: 3978
 Ion Ratio Lower Upper
 43 100
 72 23.3 24.3 36.5#

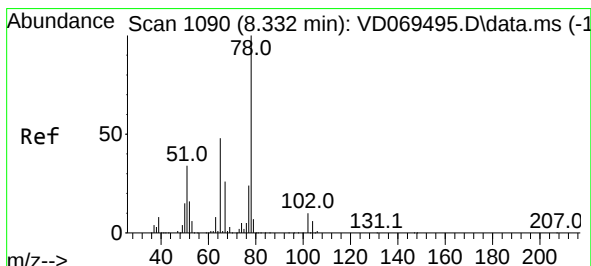
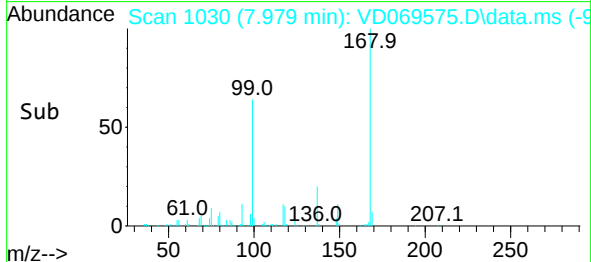
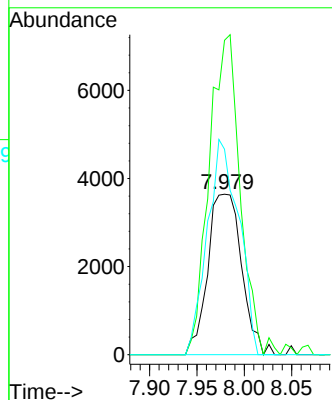
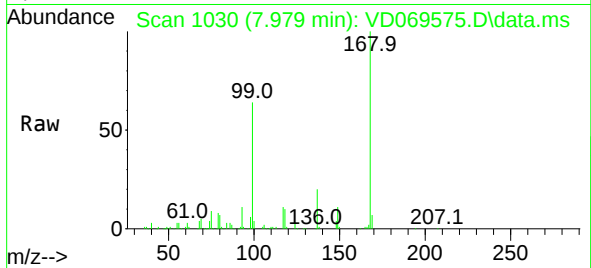




#31
Cyclohexane
Concen: 1.630 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

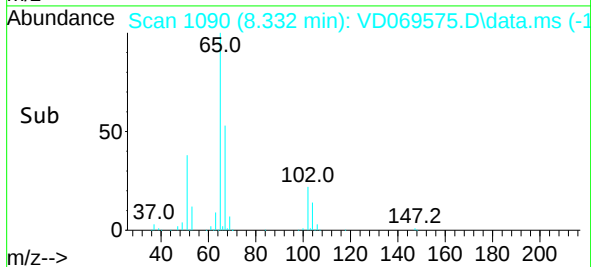
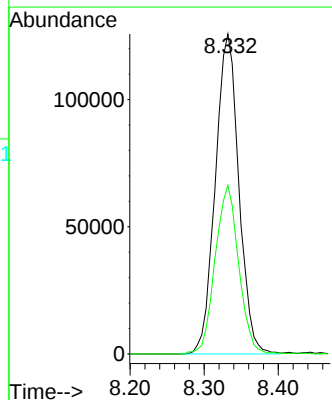
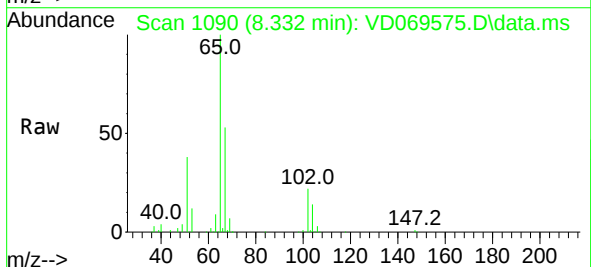
Instrument :
MSVOA_D
ClientSampleId :
SB-15-9.5-10.0

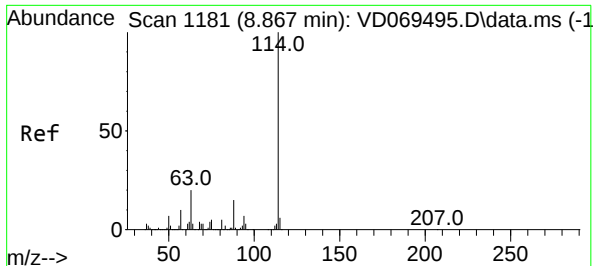
Tgt Ion: 56 Resp: 9075
Ion Ratio Lower Upper
56 100
69 195.9 28.0 42.0#
84 128.1 75.7 113.5#



#33
1,2-Dichloroethane-d4
Concen: 66.888 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 65 Resp: 276635
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069575.D

Acq: 25 Jun 2021 19:36

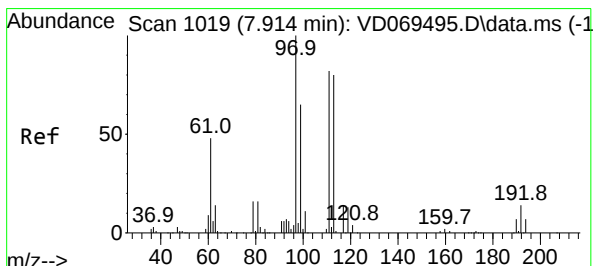
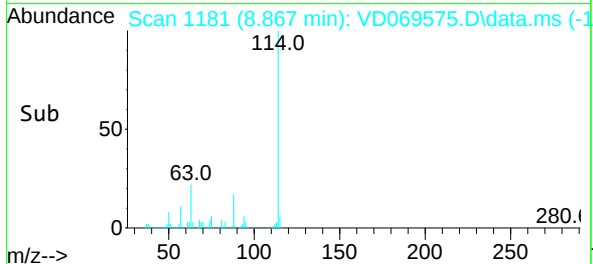
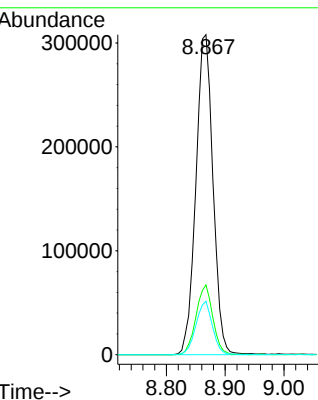
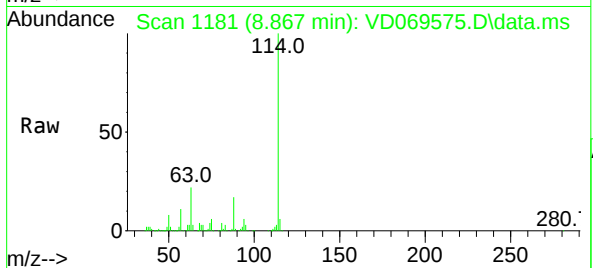
Tgt Ion:114 Resp: 624172

Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.6

88 16.7 0.0 29.8



#35

Dibromofluoromethane

Concen: 57.443 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069575.D

Acq: 25 Jun 2021 19:36

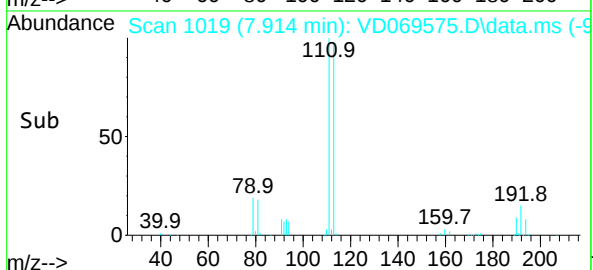
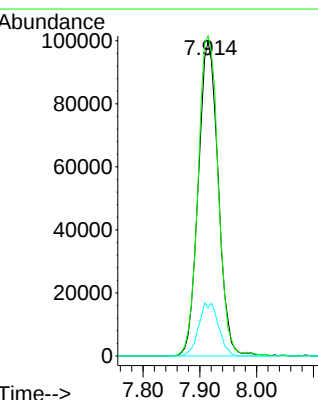
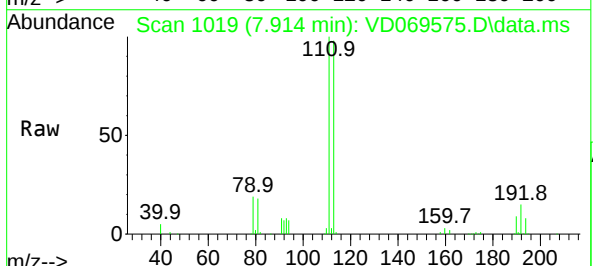
Tgt Ion:113 Resp: 242369

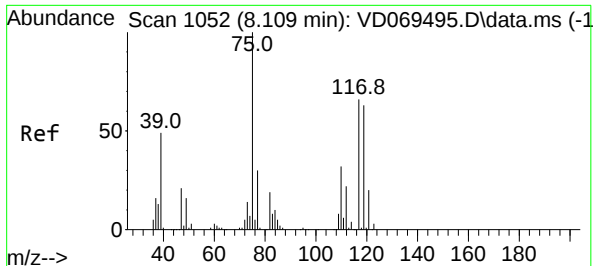
Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

192 16.8 13.8 20.6

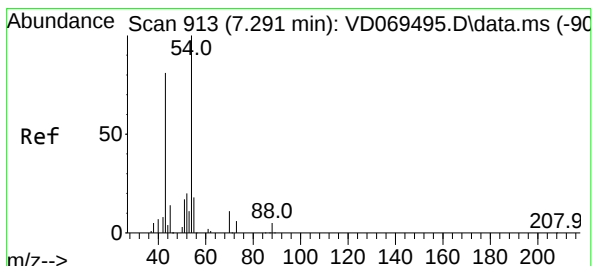
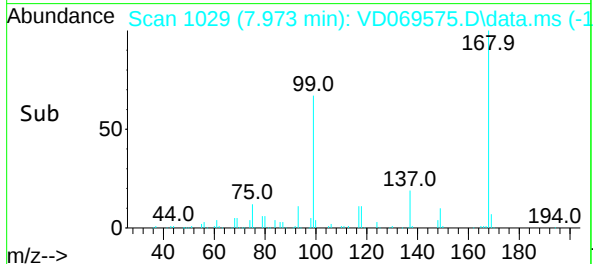
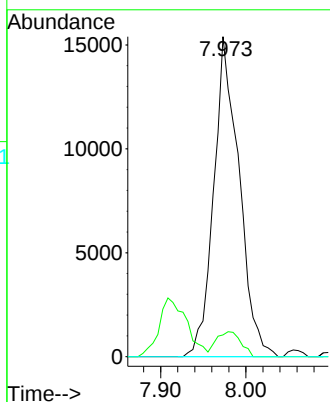
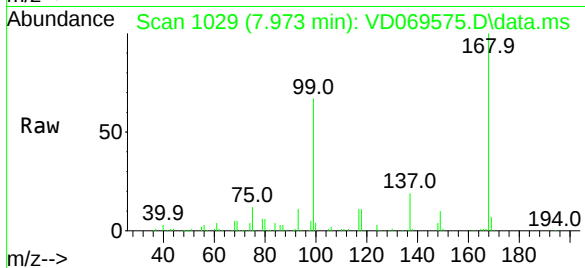




#36
1,1-Dichloropropene
Concen: 5.199 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

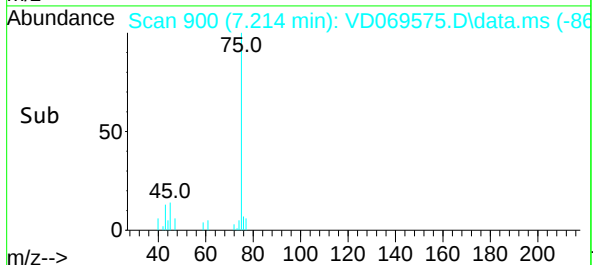
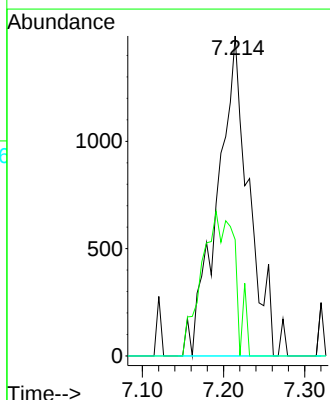
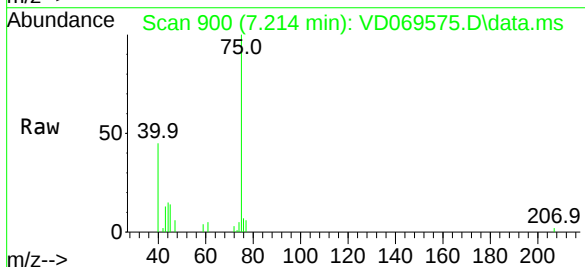
Instrument :
MSVOA_D
ClientSampleId :
SB-15-9.5-10.0

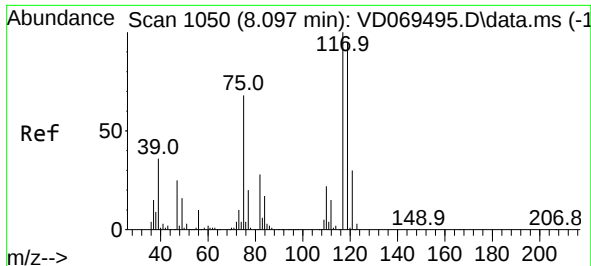
Tgt Ion: 75 Resp: 31851
Ion Ratio Lower Upper
75 100
110 7.5 16.8 50.4#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 1.750 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.077 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 43 Resp: 3978
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 9.5 14.3#

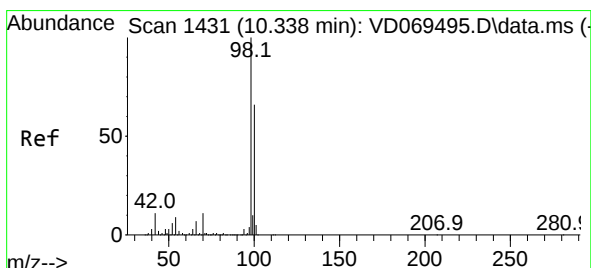
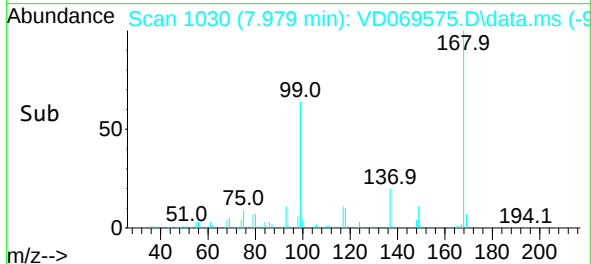
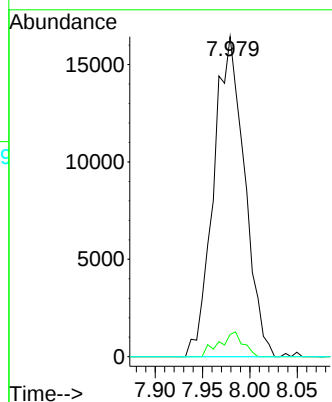
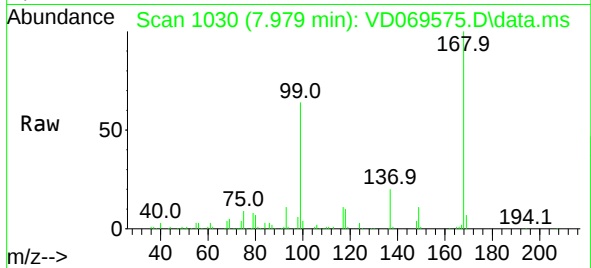




#38
Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

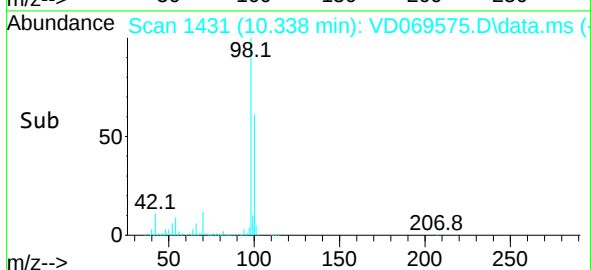
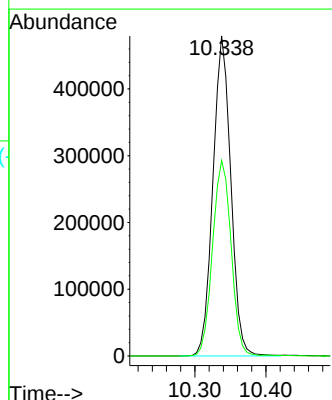
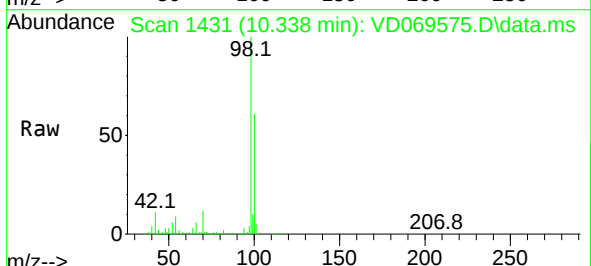
Instrument :
MSVOA_D
ClientSampleId :
SB-15-9.5-10.0

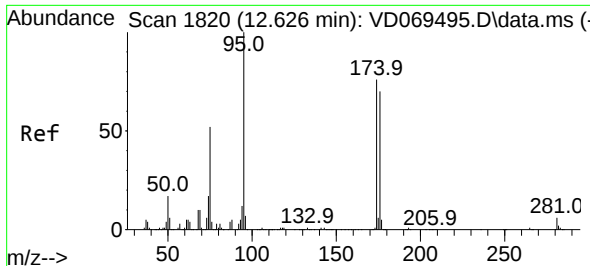
Tgt Ion:117 Resp: 37376
Ion Ratio Lower Upper
117 100
119 7.0 75.6 113.4#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 52.933 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 98 Resp: 837733
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5

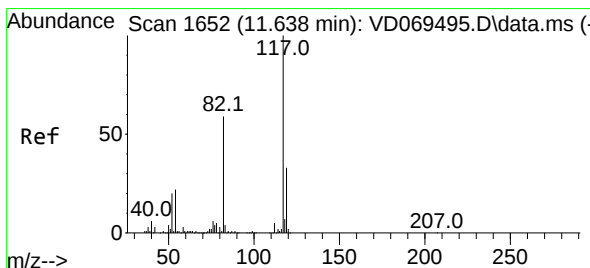
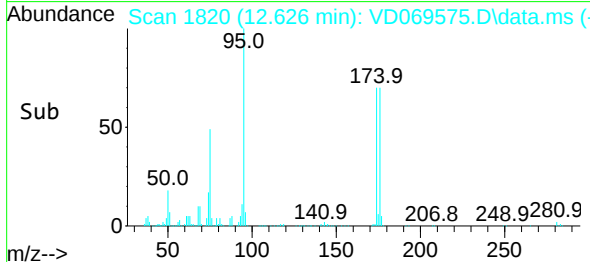
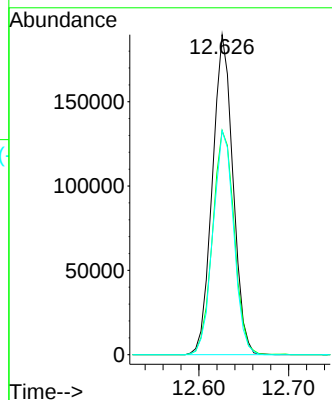
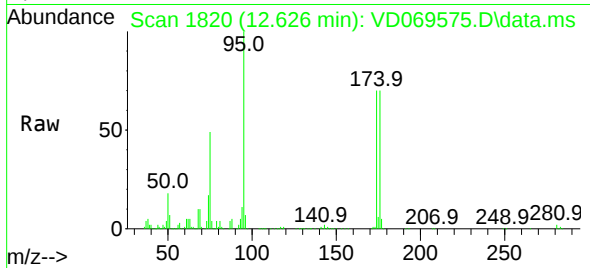




#62
4-Bromofluorobenzene
Concen: 58.142 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

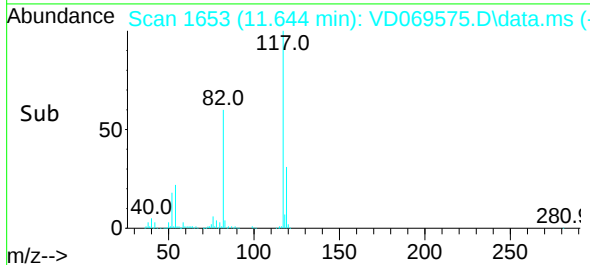
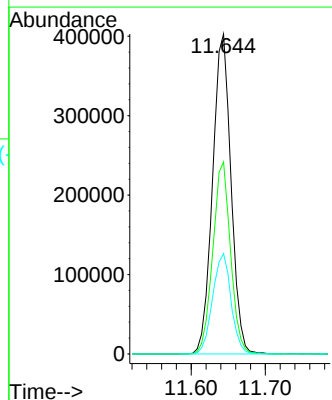
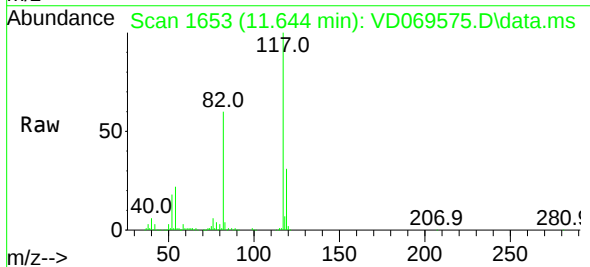
Instrument :
MSVOA_D
ClientSampleId :
SB-15-9.5-10.0

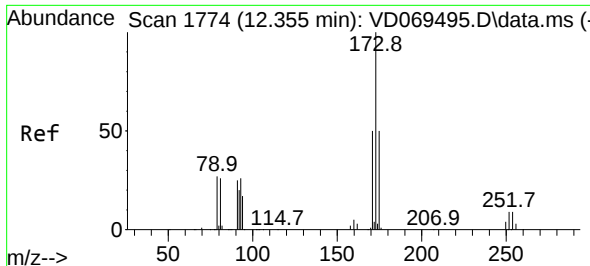
Tgt Ion: 95 Resp: 302513
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.0
176 70.5 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 117 Resp: 695235
Ion Ratio Lower Upper
117 100
82 60.0 46.8 70.2
119 31.4 26.2 39.2

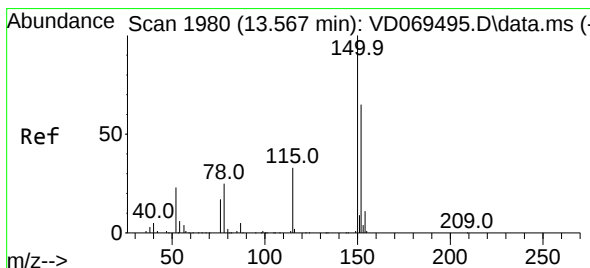
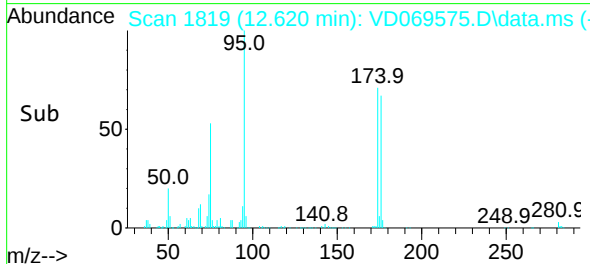
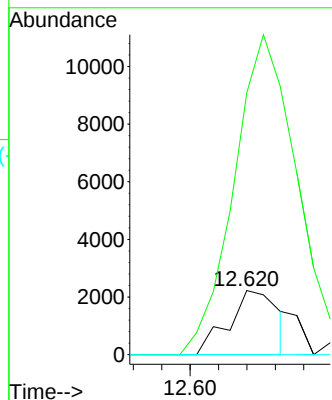
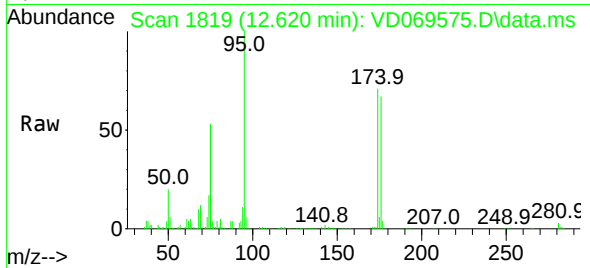




#71
Bromoform
Concen: 1.056 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

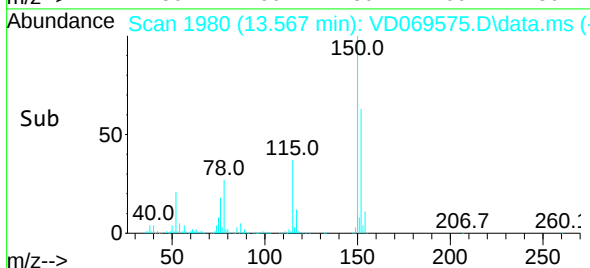
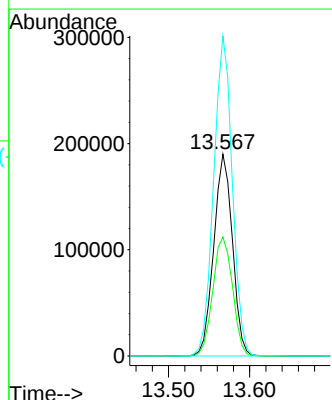
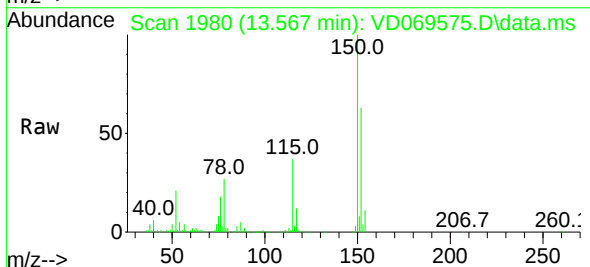
Instrument :
MSVOA_D
ClientSampleId :
SB-15-9.5-10.0

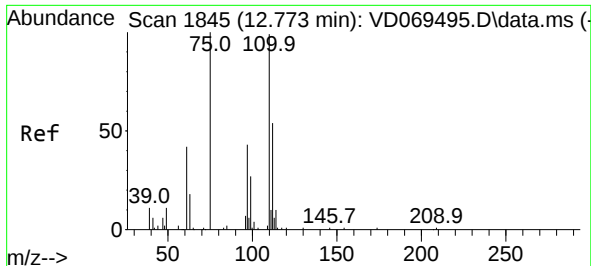
Tgt Ion:173 Resp: 2691
Ion Ratio Lower Upper
173 100
175 491.0 24.6 73.8#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

Tgt Ion:152 Resp: 304213
Ion Ratio Lower Upper
152 100
115 61.9 31.7 95.1
150 157.7 0.0 350.8

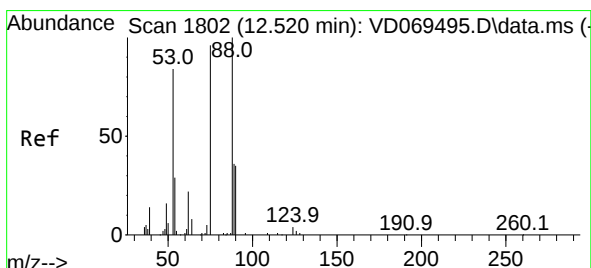
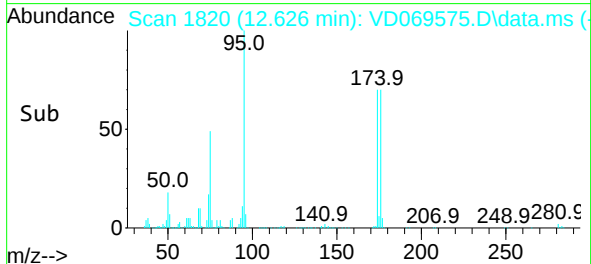
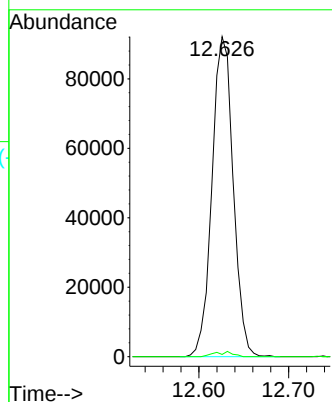
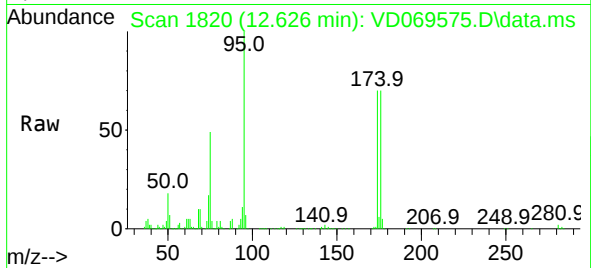




#76
1,2,3-Trichloropropane
Concen: 50.653 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

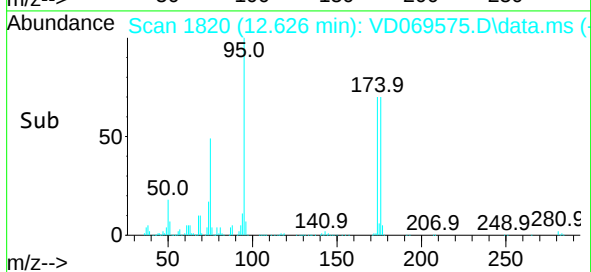
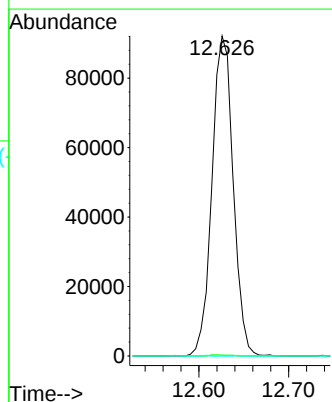
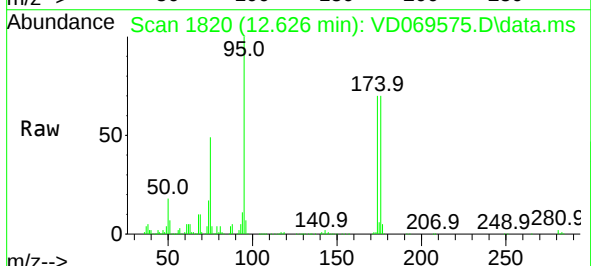
Instrument :
MSVOA_D
ClientSampleId :
SB-15-9.5-10.0

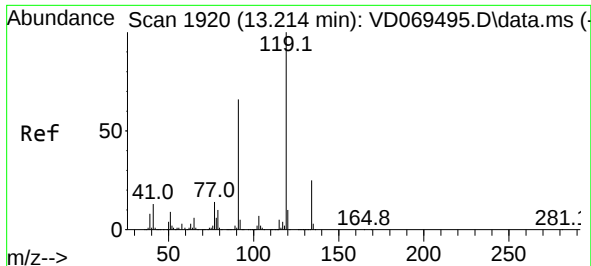
Tgt Ion: 75 Resp: 151261
Ion Ratio Lower Upper
75 100
77 0.7 162.6 487.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.473 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

Tgt Ion: 75 Resp: 151261
Ion Ratio Lower Upper
75 100
53 0.0 74.6 112.0#
89 0.0 35.3 52.9#

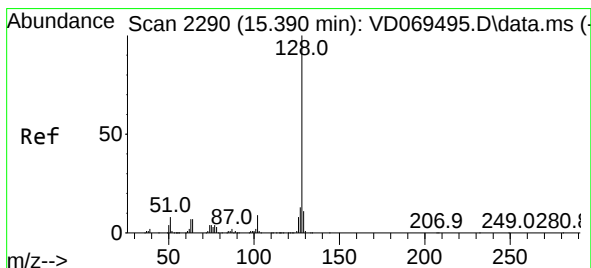
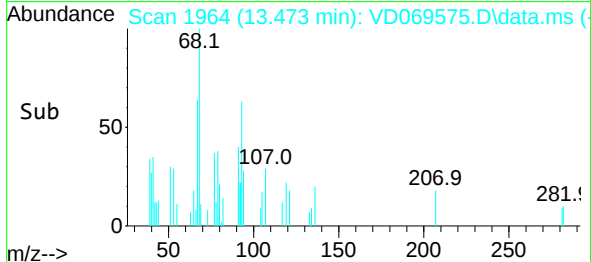
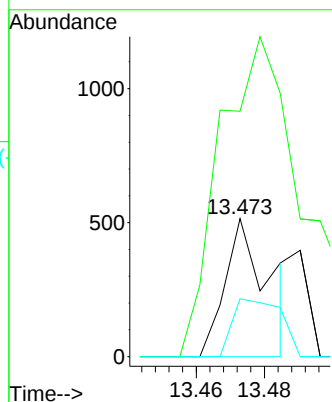
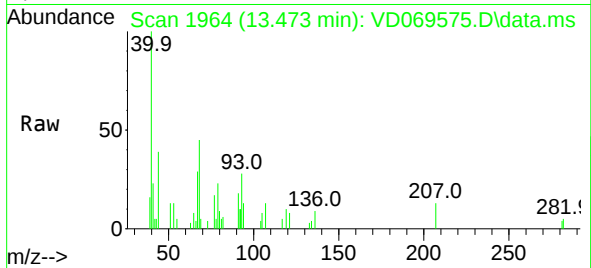




#83
tert-Butylbenzene
Concen: 2.020 ug/l
RT: 13.473 min Scan# 1964
Delta R.T. 0.259 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

Instrument :
MSVOA_D
ClientSampleId :
SB-15-9.5-10.0

Tgt Ion:119 Resp: 460
Ion Ratio Lower Upper
119 100
91 367.8 32.5 97.4#
134 46.1 12.9 38.7#



#95
Naphthalene
Concen: 3.365 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069575.D
Acq: 25 Jun 2021 19:36

Tgt Ion:128 Resp: 104
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.7 13.1#

