

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005623.D
 Acq On : 12 Aug 2021 15:29
 Operator : SY/MD
 Sample : M3331-08RE
 Misc : 6.84G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 13 04:22:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

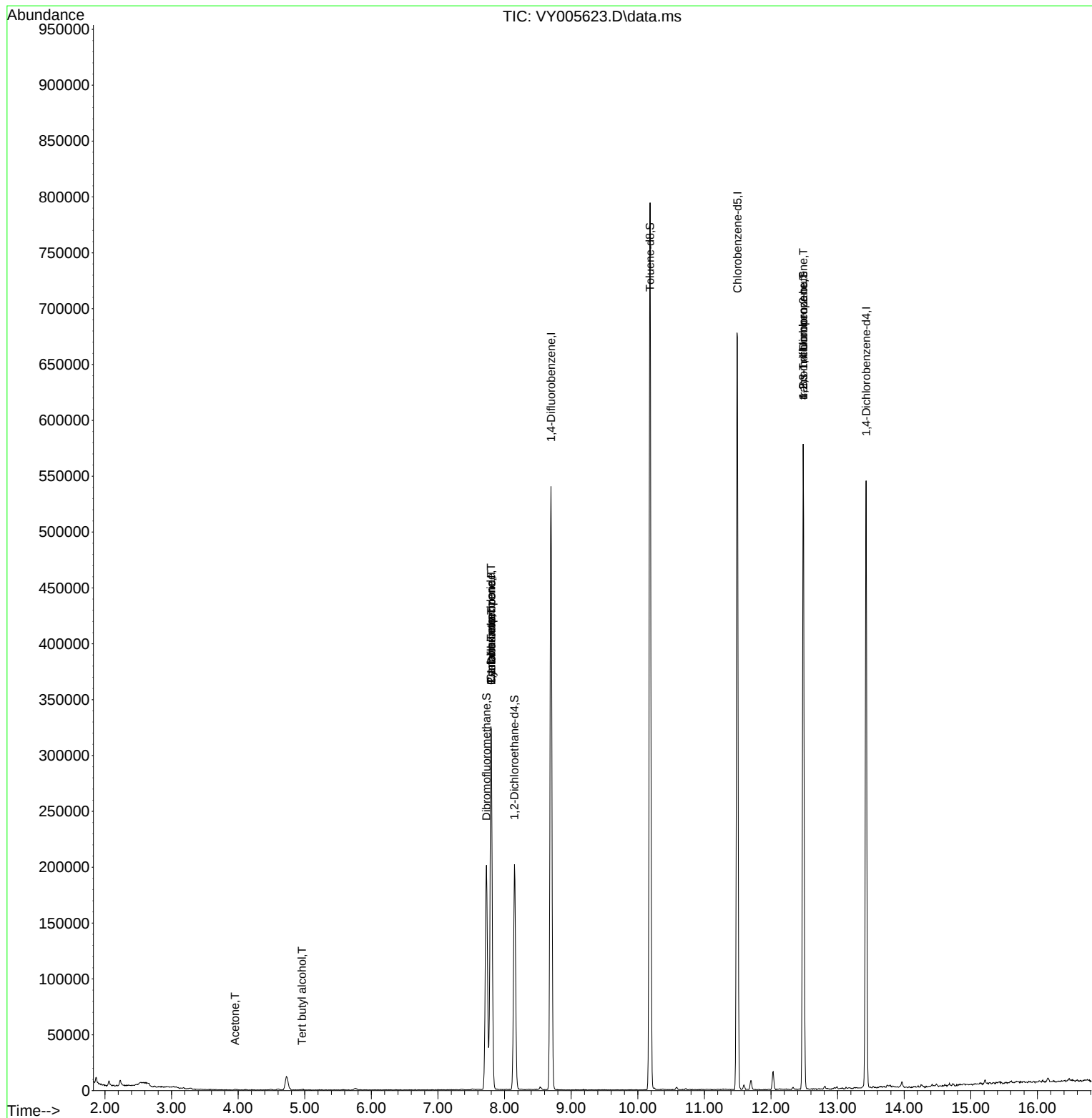
Internal Standards						
1) Pentafluorobenzene	7.801	168	267147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	454964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	367139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	159527	58.992	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.980%			
35) Dibromofluoromethane	7.728	113	139447	54.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.480%			
50) Toluene-d8	10.185	98	512645	47.987	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.980%			
62) 4-Bromofluorobenzene	12.483	95	149100	42.147	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.300%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	834	3.120	ug/l #	73
16) Acetone	3.954	43	993	1.456	ug/l #	89
20) Methylene Chloride	4.723	84	9076	Below Cal		89
31) Cyclohexane	7.801	56	5124	1.105	ug/l #	8
36) 1,1-Dichloropropene	7.801	75	18822	4.411	ug/l #	49
38) Carbon Tetrachloride	7.795	117	23838	5.140	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	81512	56.721	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81512	114.342	ug/l #	11

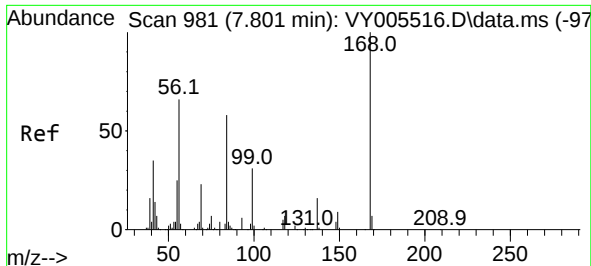
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
Data File : VY005623.D
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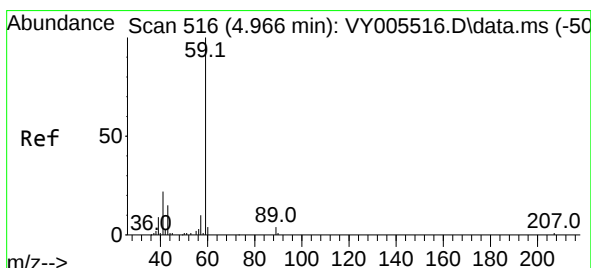
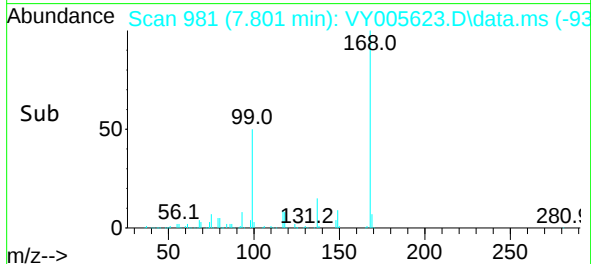
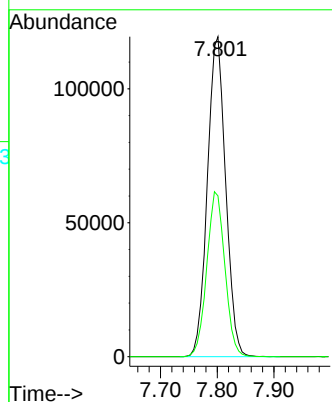
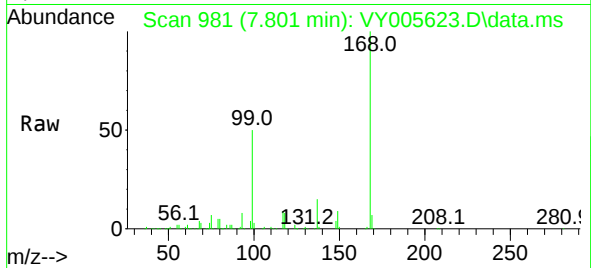




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

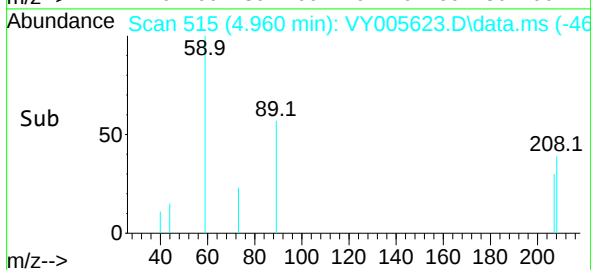
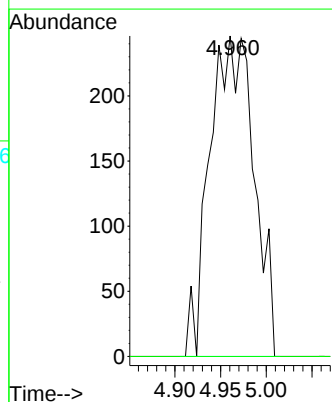
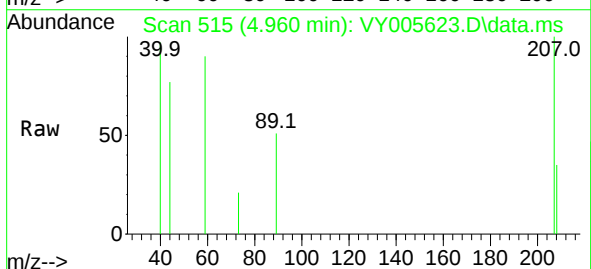
Instrument :
MSVOA_Y
ClientSampled :

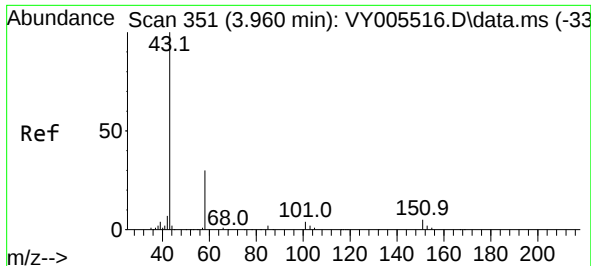
Tgt Ion:168 Resp: 267147
Ion Ratio Lower Upper
168 100
99 50.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.120 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Tgt Ion: 59 Resp: 834
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

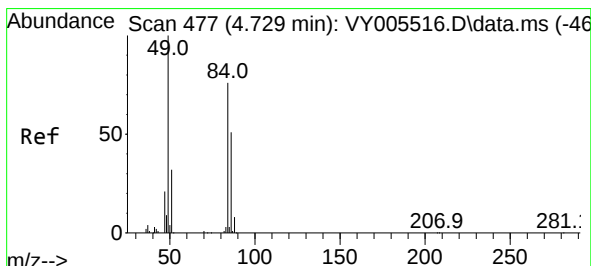
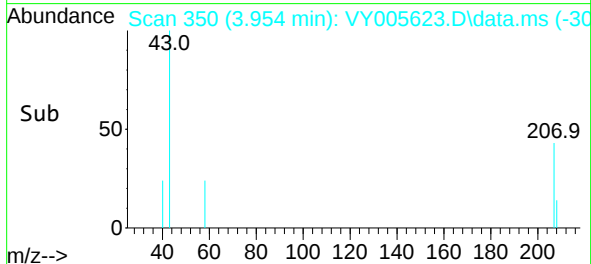
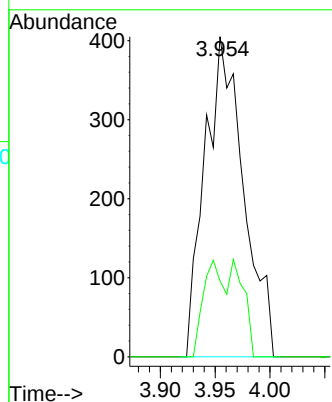
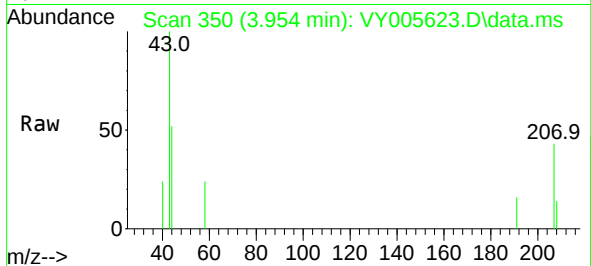




#16
Acetone
Concen: 1.456 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

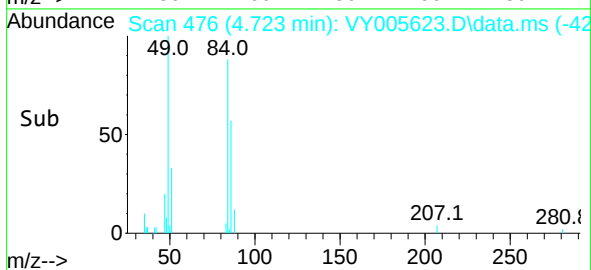
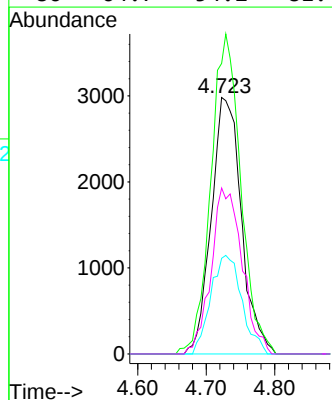
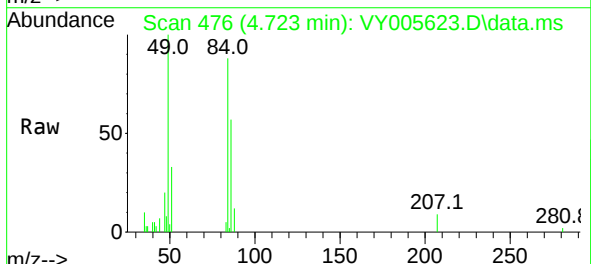
Instrument :
MSVOA_Y
ClientSampleId :

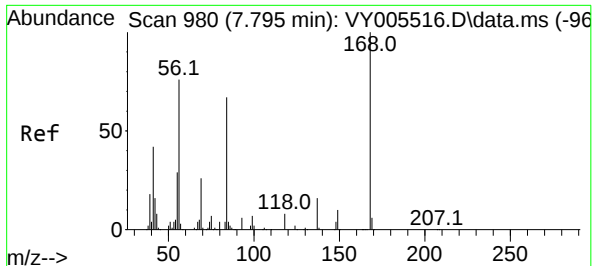
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 23.7 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Tgt Ion: 84 Resp: 9076
Ion Ratio Lower Upper
84 100
49 113.3 105.8 158.6
51 37.3 33.4 50.2
86 64.7 54.2 81.4

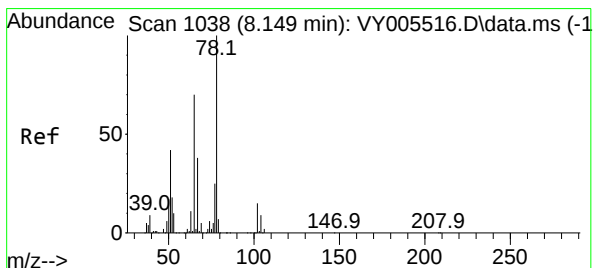
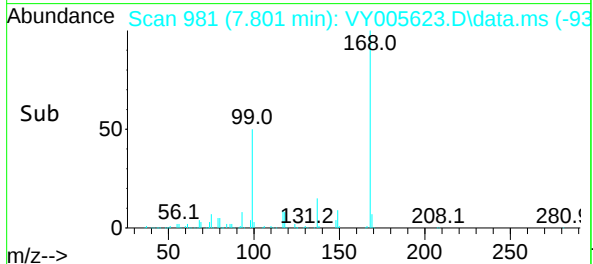
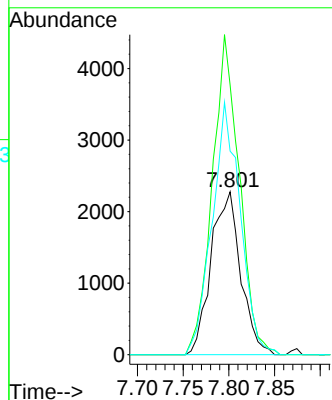
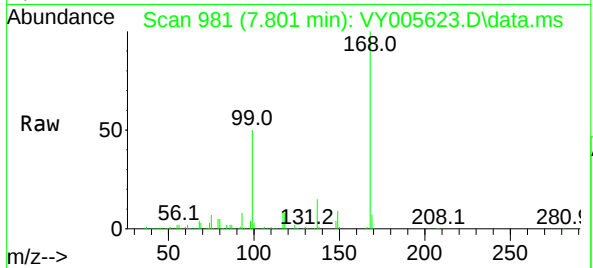




#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

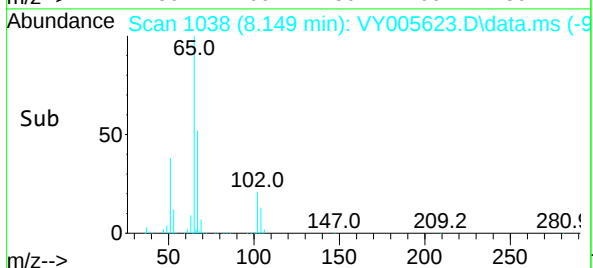
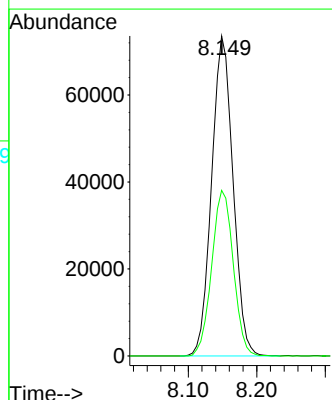
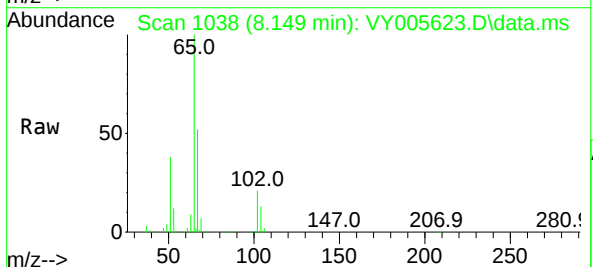
Instrument :
MSVOA_Y
ClientSampled :

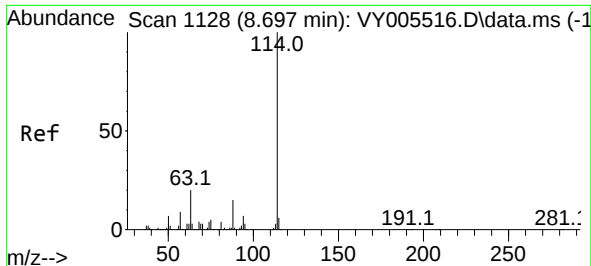
Tgt Ion: 56 Resp: 5124
Ion Ratio Lower Upper
56 100
69 165.5 27.7 41.5#
84 125.0 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 58.992 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Tgt Ion: 65 Resp: 159527
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4

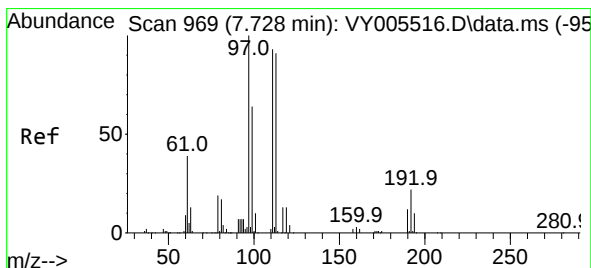
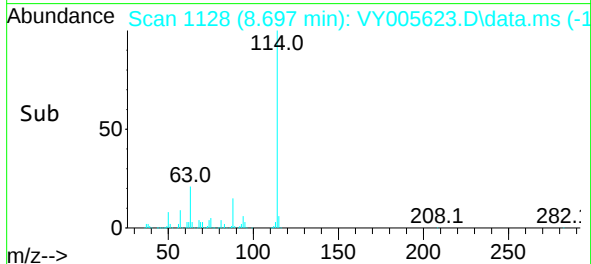
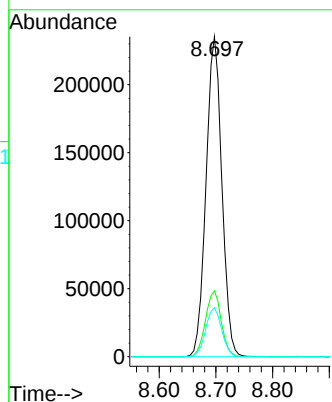
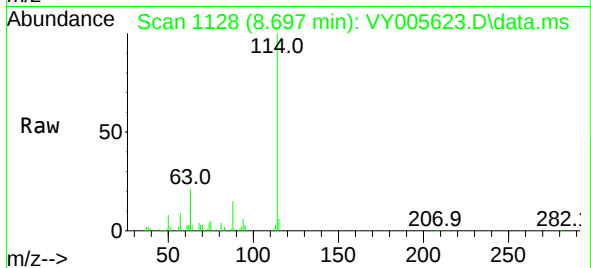




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

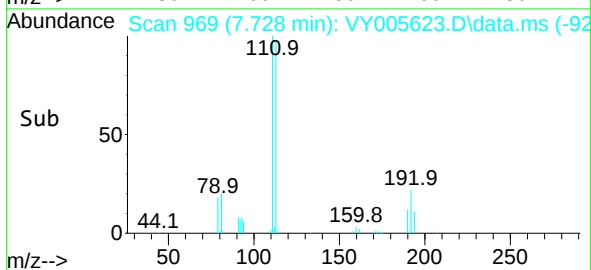
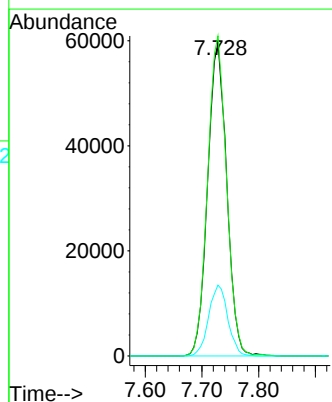
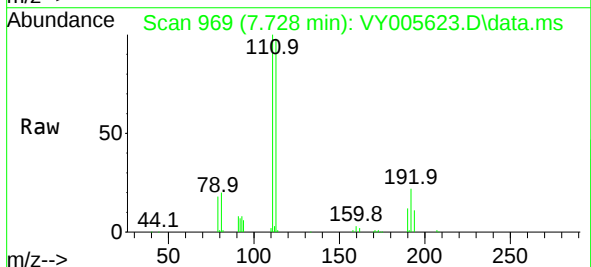
Instrument :
MSVOA_Y
ClientSampleId :

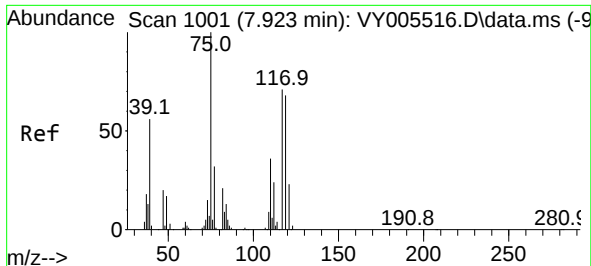
Tgt Ion:114 Resp: 454964
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.744 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Tgt Ion:113 Resp: 139447
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 22.6 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.411 ug/l

RT: 7.801 min Scan# 981

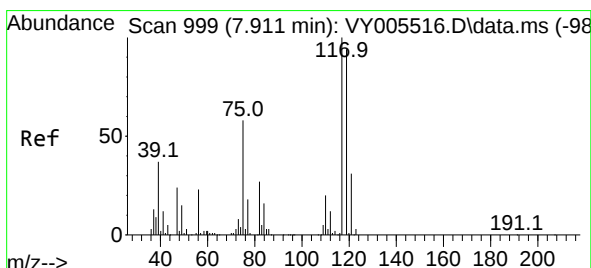
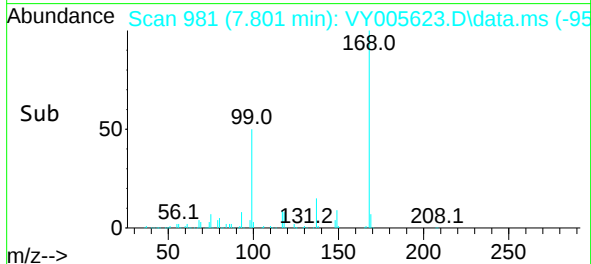
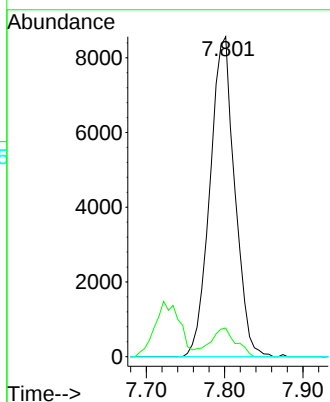
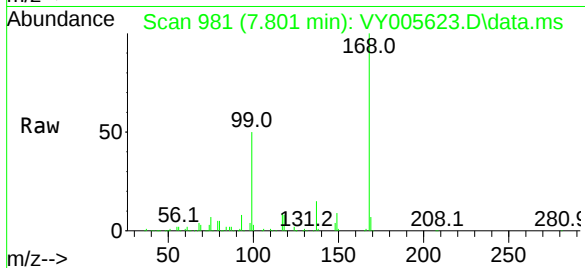
Delta R.T. -0.122 min

Lab File: VY005623.D

Acq: 12 Aug 2021 15:29

Tgt Ion:	75	Resp:	18822
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.140 ug/l

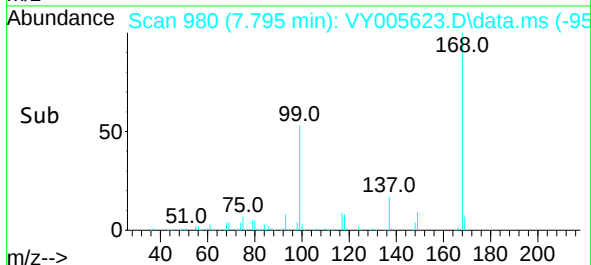
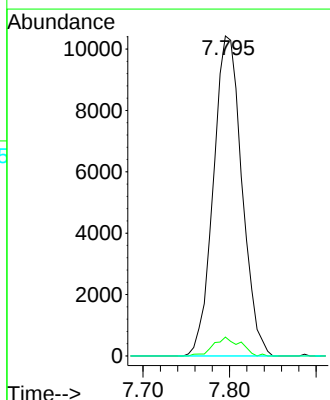
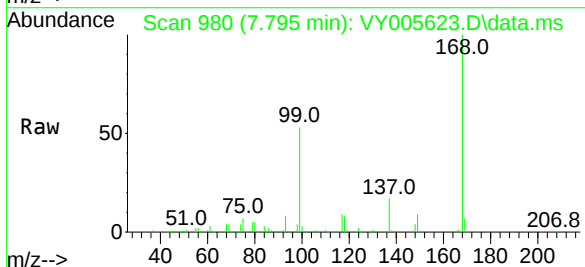
RT: 7.795 min Scan# 980

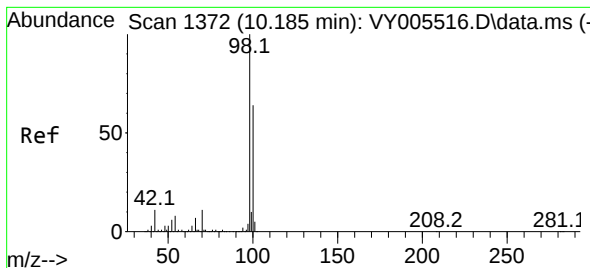
Delta R.T. -0.116 min

Lab File: VY005623.D

Acq: 12 Aug 2021 15:29

Tgt Ion:	117	Resp:	23838
Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.4	113.0#
121	0.0	25.1	37.7#

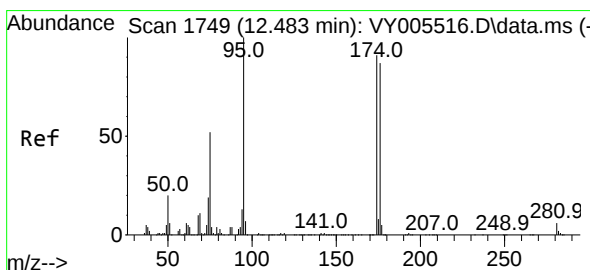
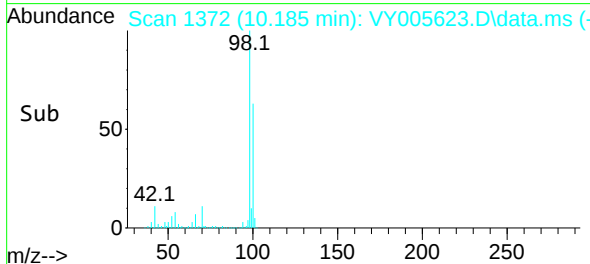
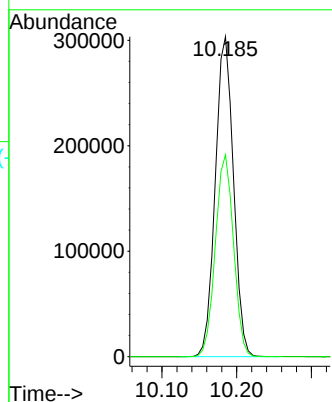
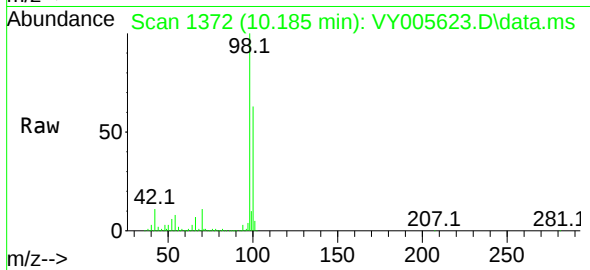




#50
Toluene-d8
Concen: 47.987 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

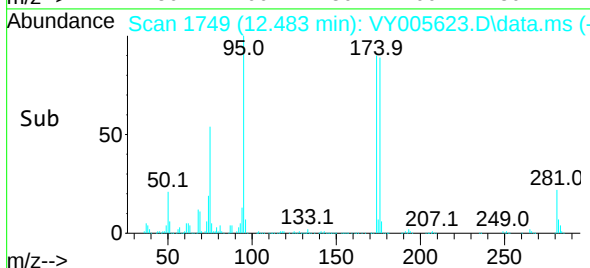
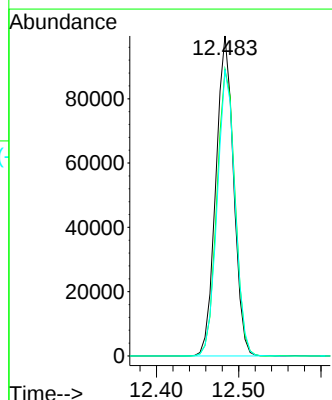
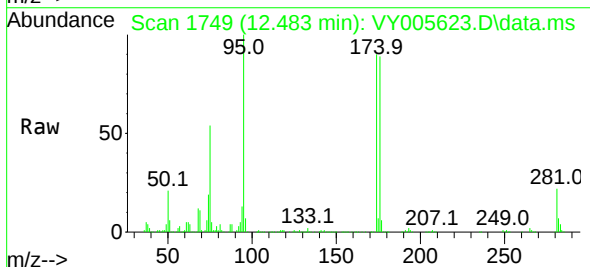
Instrument :
MSVOA_Y
ClientSampleId :

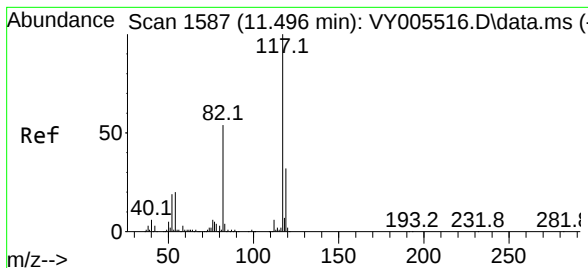
Tgt Ion: 98 Resp: 512645
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 42.147 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Tgt Ion: 95 Resp: 149100
Ion Ratio Lower Upper
95 100
174 91.8 0.0 191.4
176 89.5 0.0 183.6

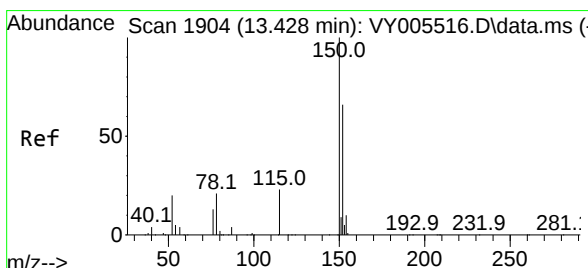
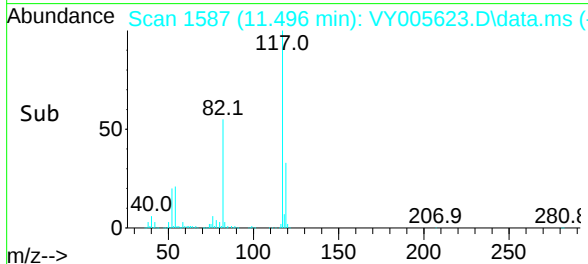
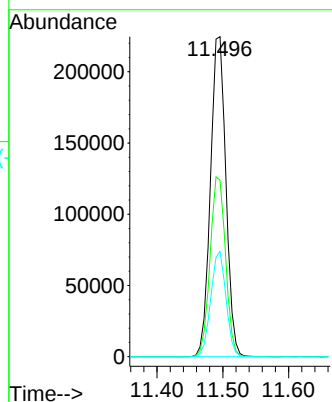
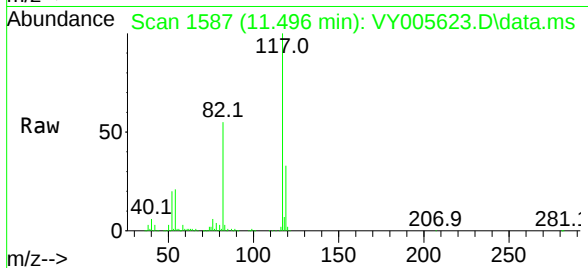




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

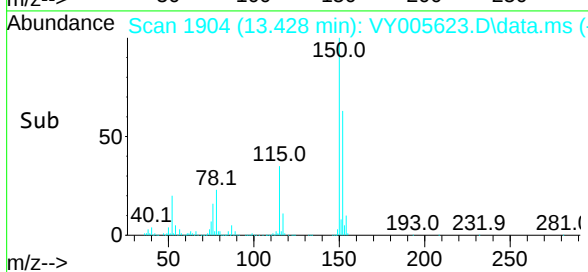
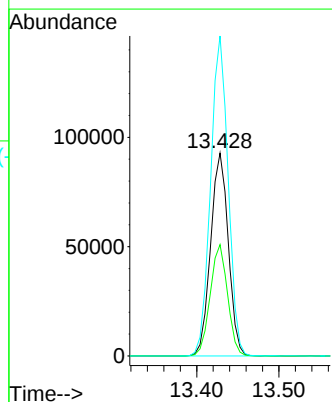
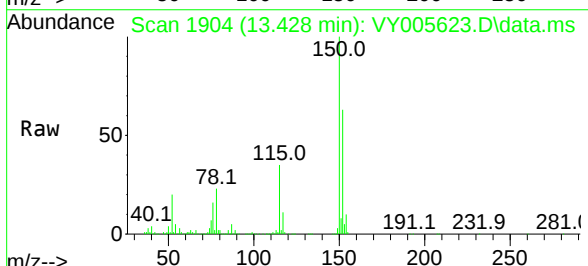
Instrument :
MSVOA_Y
ClientSampleId :

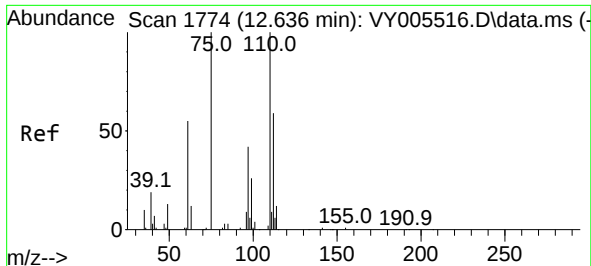
Tgt Ion:117 Resp: 367139
Ion Ratio Lower Upper
117 100
82 55.1 43.5 65.3
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Tgt Ion:152 Resp: 138675
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.9
150 156.3 0.0 350.2

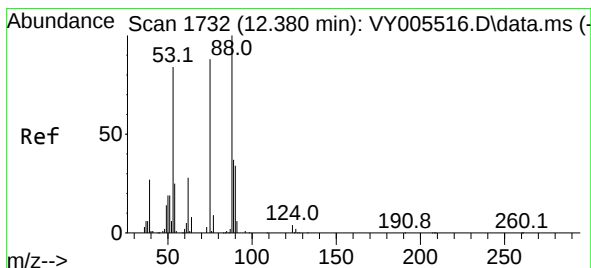
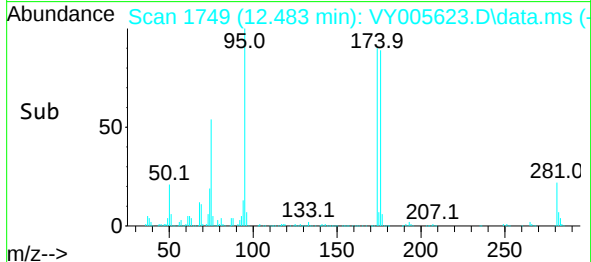
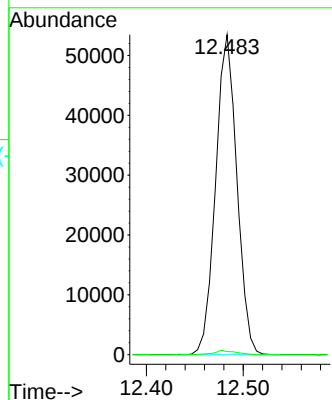
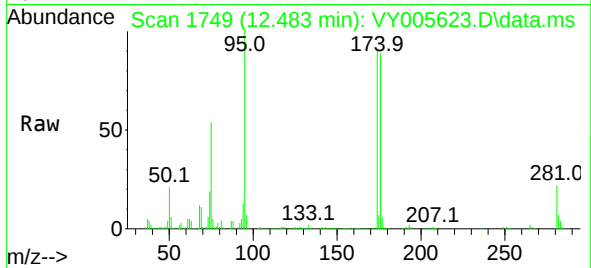




#76
1,2,3-Trichloropropane
Concen: 56.721 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 81512
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.342 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Tgt Ion: 75 Resp: 81512
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.1 38.4 57.6#

