

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005602.D
 Acq On : 10 Aug 2021 17:45
 Operator : SY/MD
 Sample : M3333-09
 Misc : 5.38G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:38:32 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)

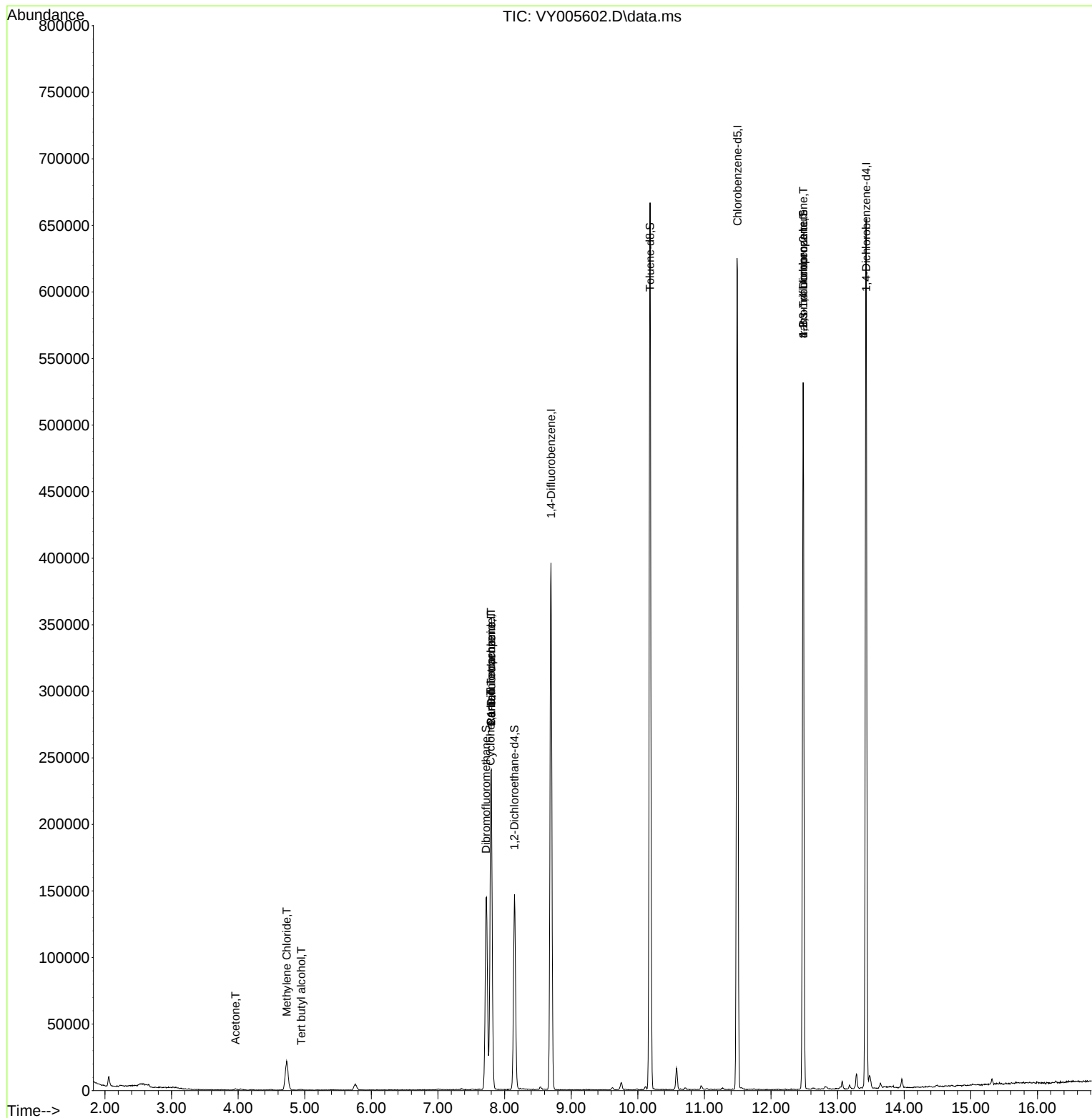
Internal Standards						
1) Pentafluorobenzene	7.801	168	195470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	333599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	116597	58.93	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.86%			
35) Dibromofluoromethane	7.722	113	99469	53.32	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.64%			
50) Toluene-d8	10.185	98	423270	54.10	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.20%			
62) 4-Bromofluorobenzene	12.483	95	147953	57.10	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.20%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	668	3.42	ug/l #	73
16) Acetone	3.960	43	1686	3.38	ug/l	93
20) Methylene Chloride	4.728	84	15687	2.13	ug/l	91
31) Cyclohexane	7.789	56	3814	1.12	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	13766	4.40	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17719	5.22	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	81776	46.45	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81776	93.65	ug/l #	11

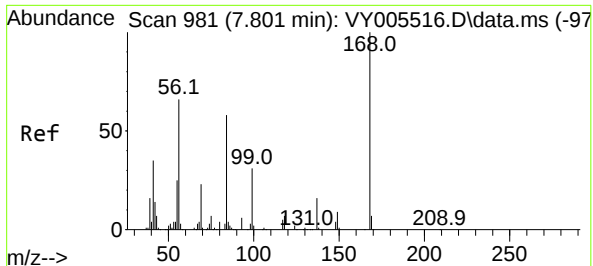
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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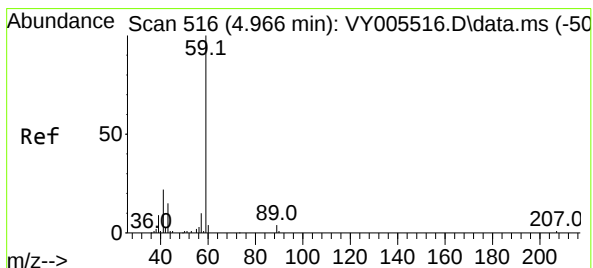
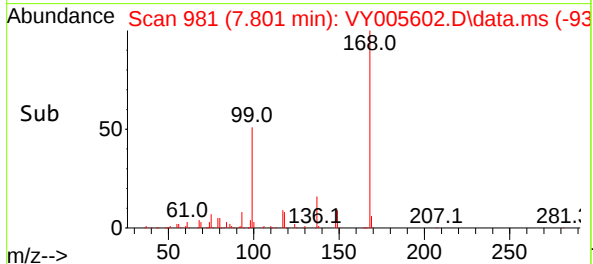
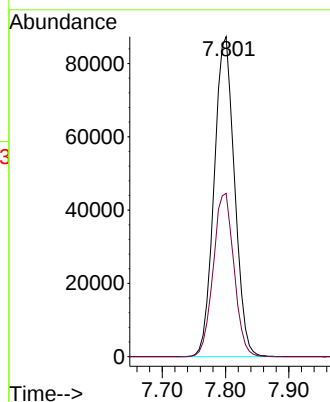
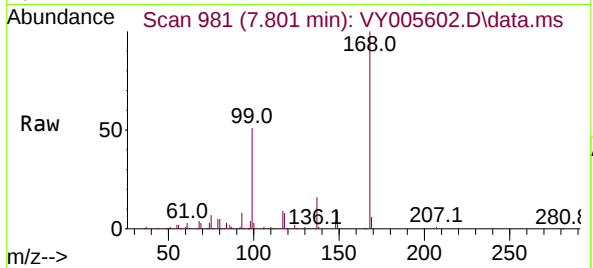




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

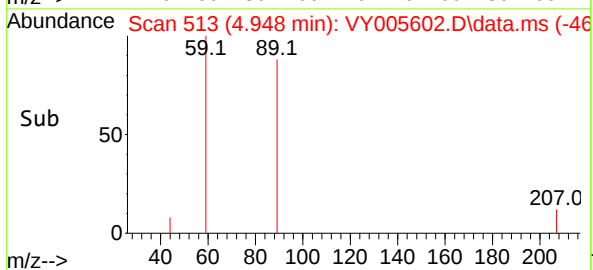
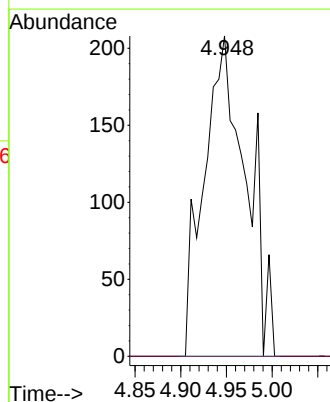
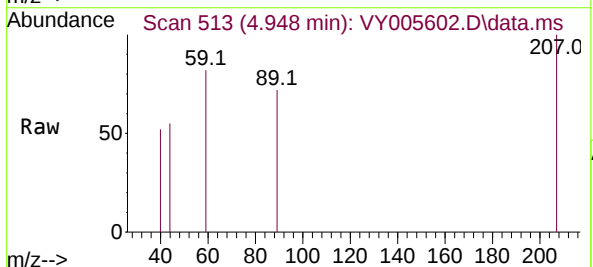
Instrument :
MSVOA_Y
ClientSampled :

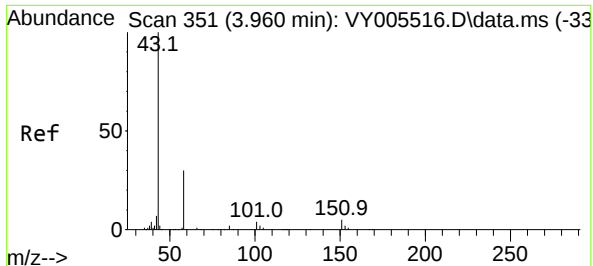
Tgt Ion:168 Resp: 195470
Ion Ratio Lower Upper
168 100
99 51.1 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.42 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.019 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

Tgt Ion: 59 Resp: 668
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

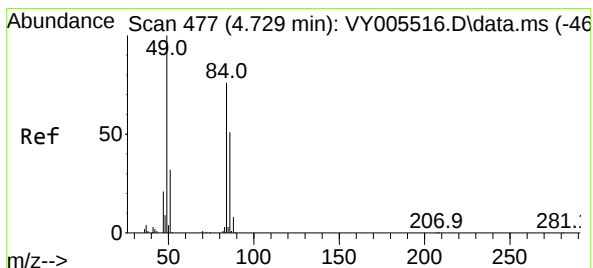
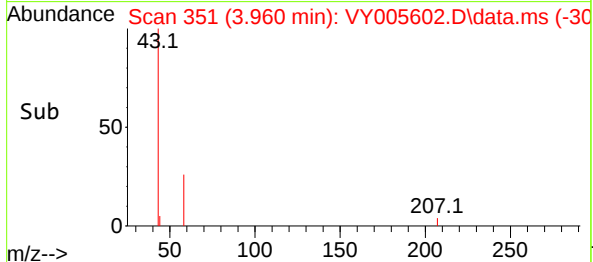
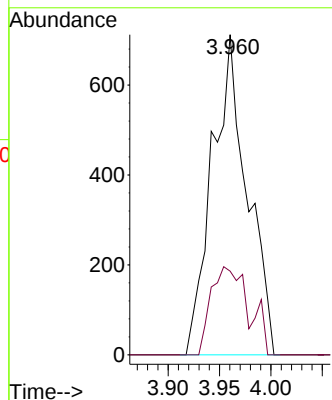
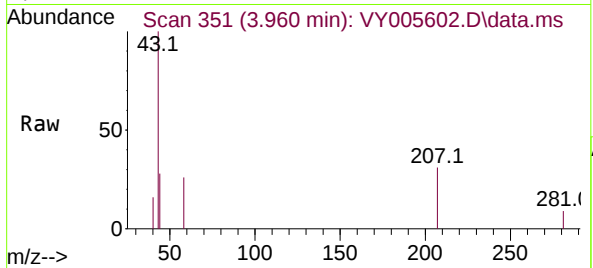




#16
Acetone
Concen: 3.38 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

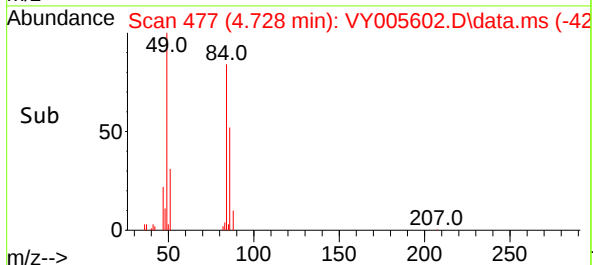
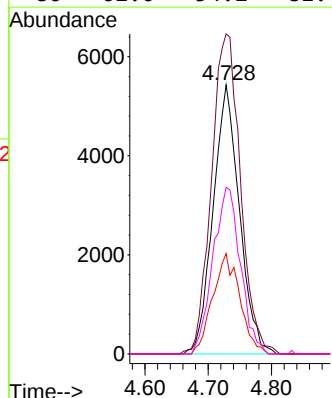
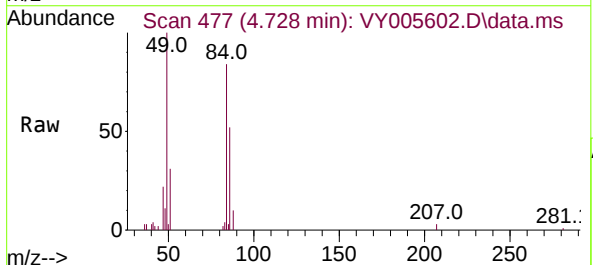
Instrument :
MSVOA_Y
ClientSampleId :

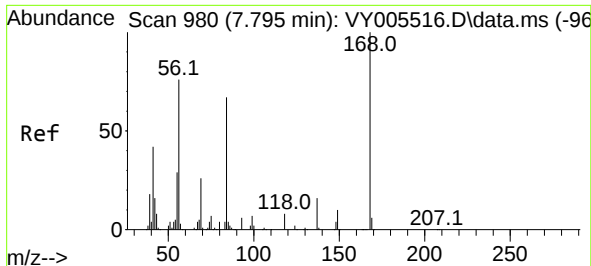
Tgt Ion: 43 Resp: 1686
Ion Ratio Lower Upper
43 100
58 26.1 23.8 35.6



#20
Methylene Chloride
Concen: 2.13 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

Tgt Ion: 84 Resp: 15687
Ion Ratio Lower Upper
84 100
49 119.0 105.8 158.6
51 37.3 33.4 50.2
86 62.0 54.2 81.4

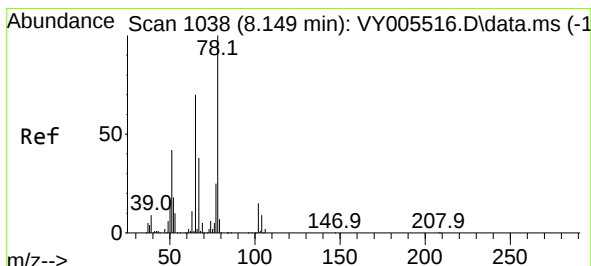
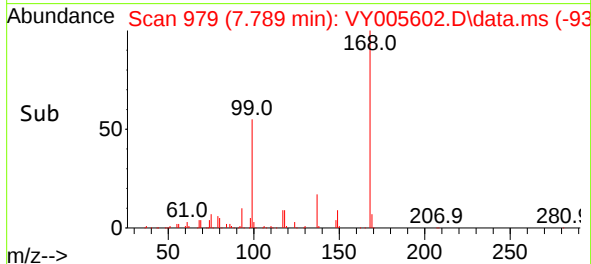
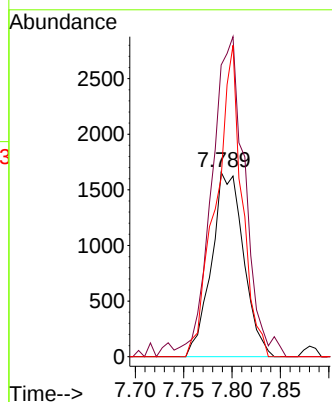
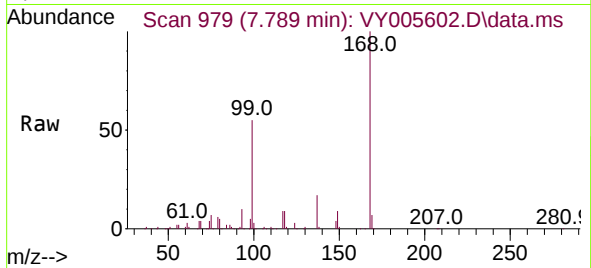




#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

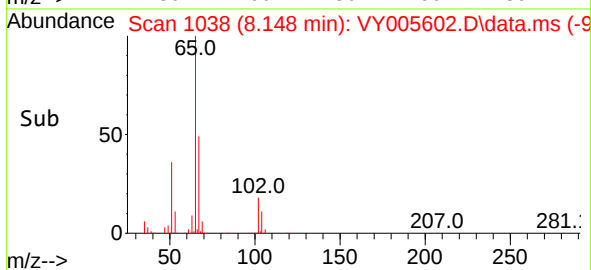
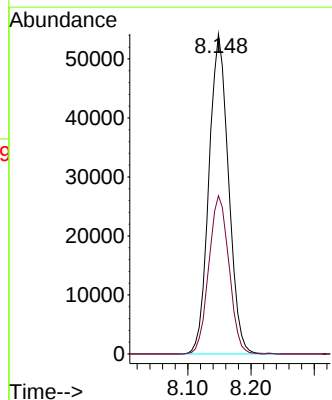
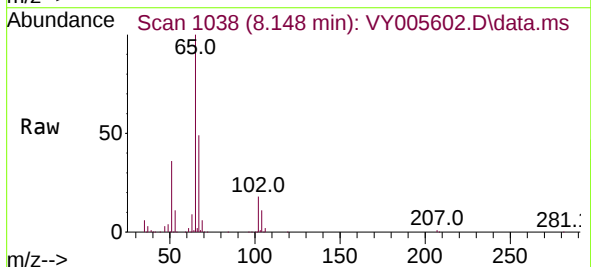
Instrument :
MSVOA_Y
ClientSampled :

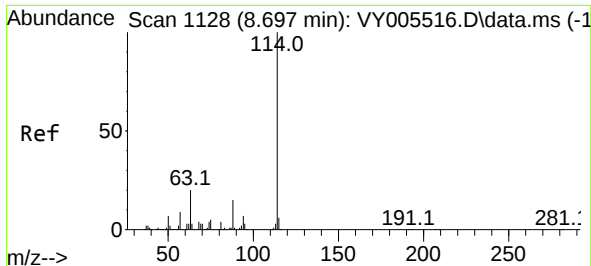
Tgt Ion: 56 Resp: 3814
Ion Ratio Lower Upper
56 100
69 153.0 27.7 41.5#
84 96.9 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 58.93 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

Tgt Ion: 65 Resp: 116597
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

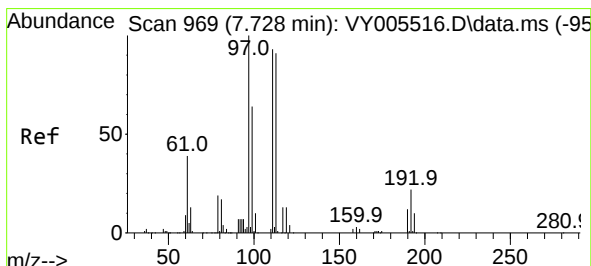
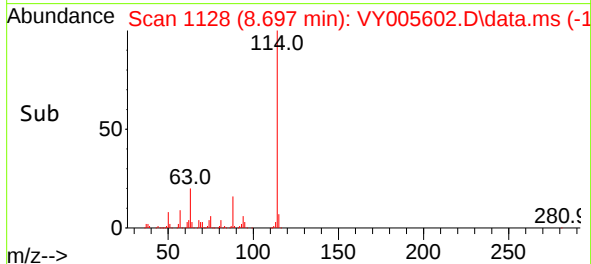
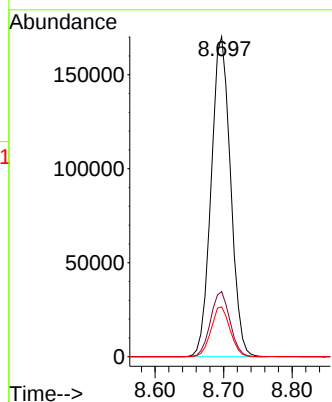
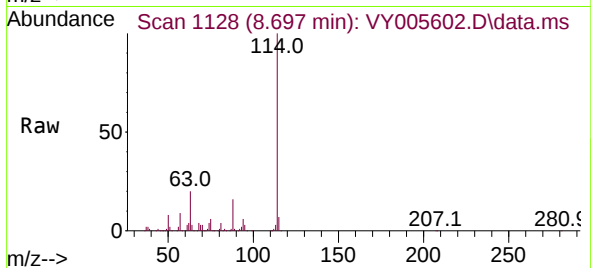




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

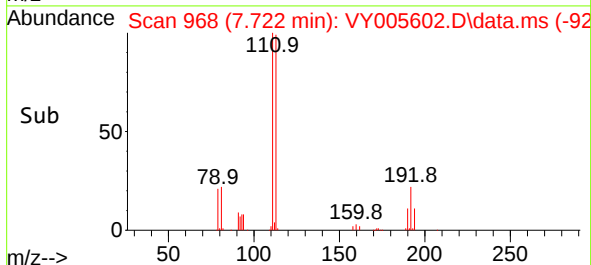
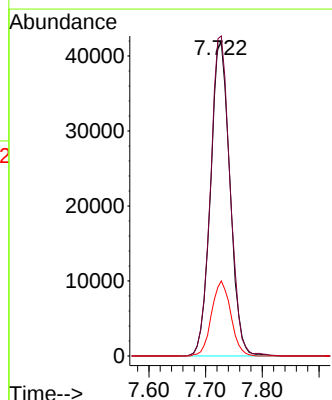
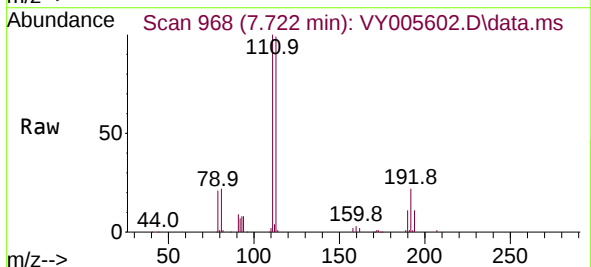
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 333229
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.32 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

Tgt Ion:113 Resp: 99469
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 23.6 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.40 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005602.D

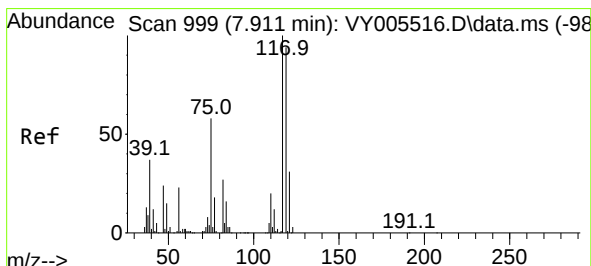
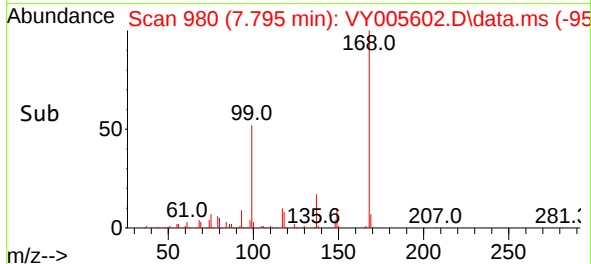
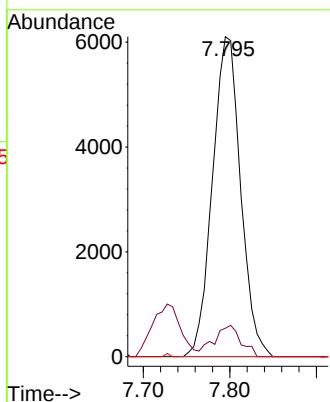
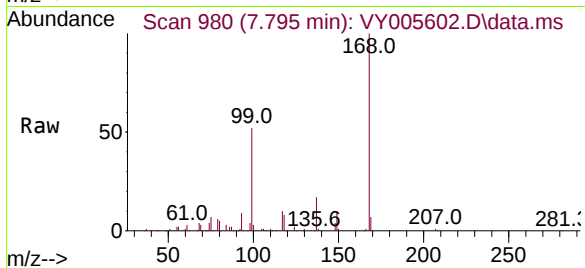
Acq: 10 Aug 2021 17:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	13766
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.22 ug/l

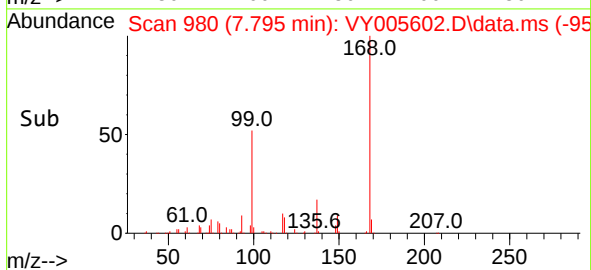
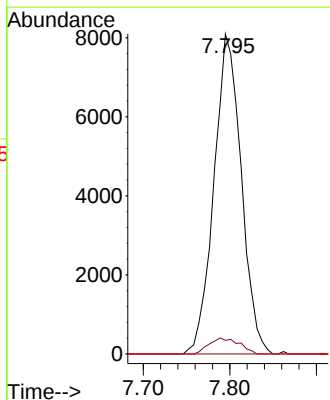
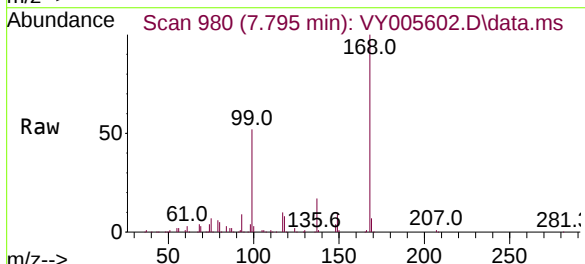
RT: 7.795 min Scan# 980

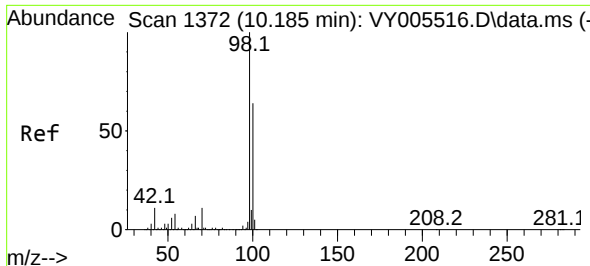
Delta R.T. -0.116 min

Lab File: VY005602.D

Acq: 10 Aug 2021 17:45

Tgt Ion:	117	Resp:	17719
Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.4	113.0#
121	0.0	25.1	37.7#

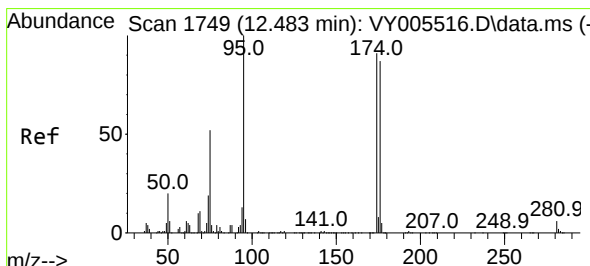
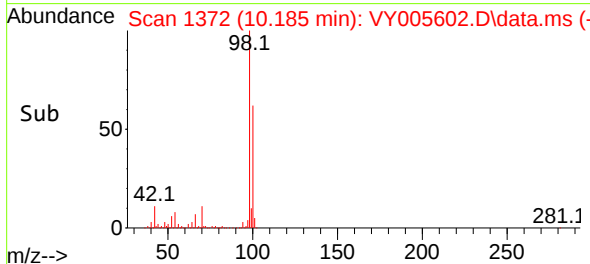
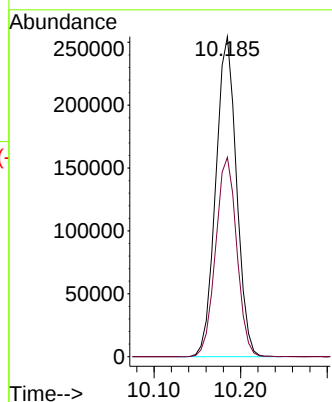
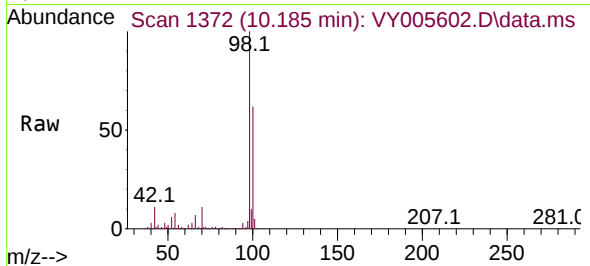




#50
Toluene-d8
Concen: 54.10 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

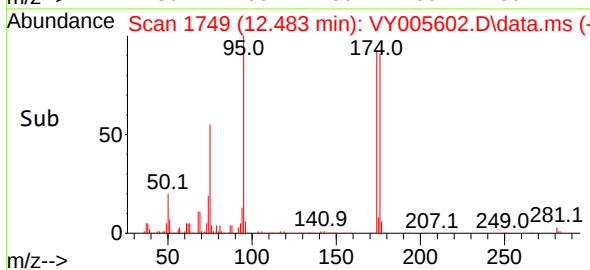
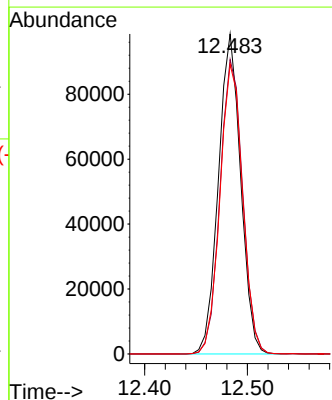
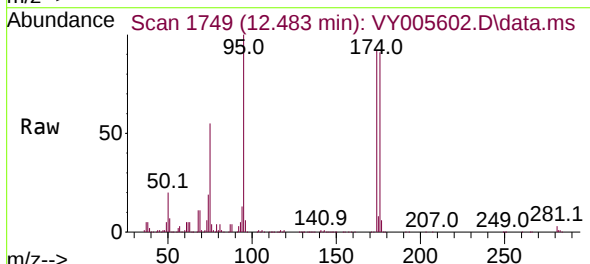
Instrument :
MSVOA_Y
ClientSampled :

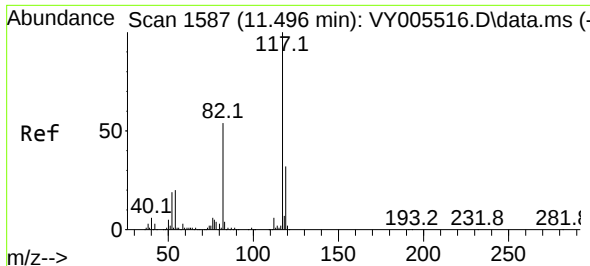
Tgt Ion: 98 Resp: 423270
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 57.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

Tgt Ion: 95 Resp: 147953
Ion Ratio Lower Upper
95 100
174 93.6 0.0 191.4
176 92.1 0.0 183.6

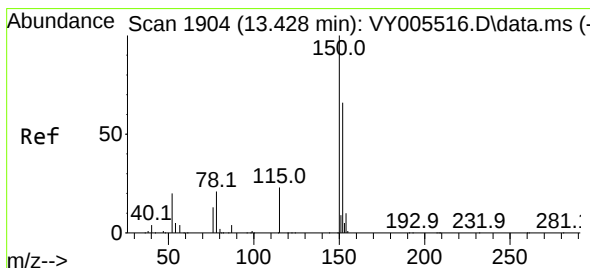
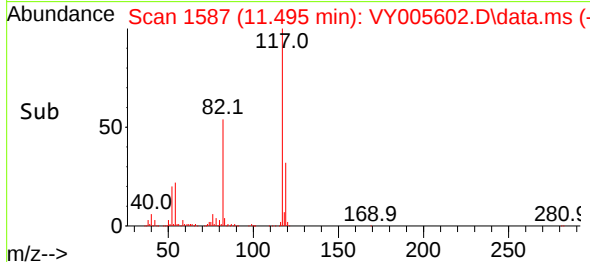
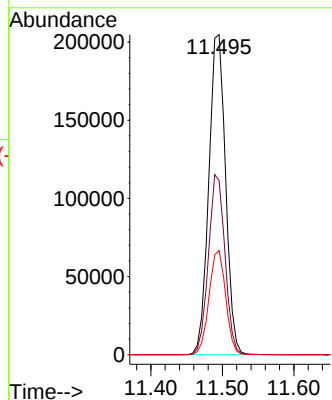
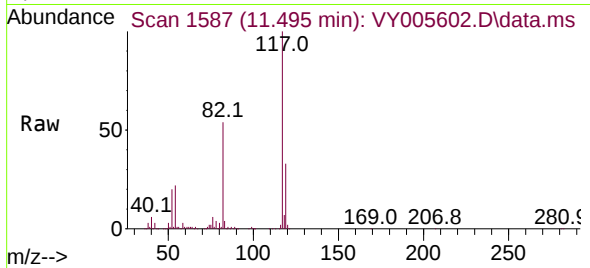




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

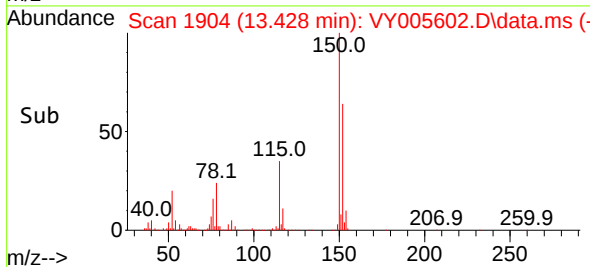
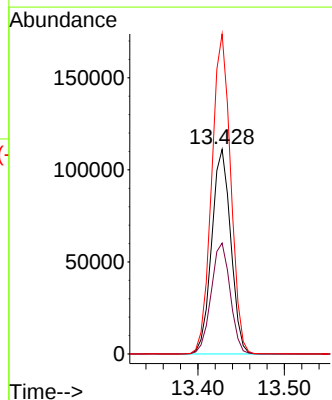
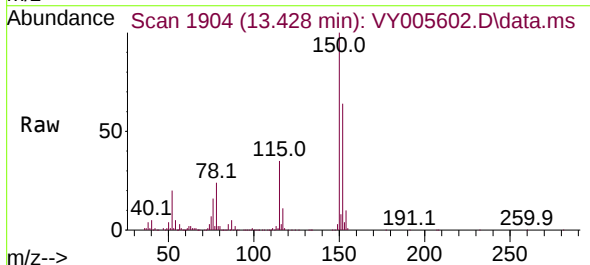
Instrument :
MSVOA_Y
ClientSampleId :

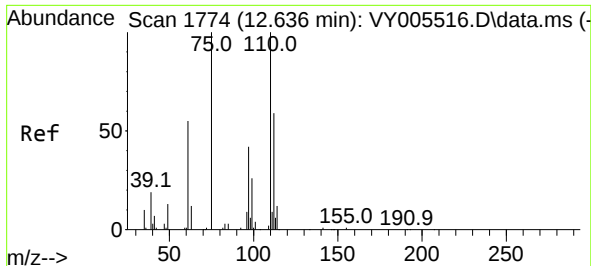
Tgt Ion:	117	Resp:	333599
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.5	65.3
119	32.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

Tgt Ion:	152	Resp:	169869
Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.3	81.9
150	155.8	0.0	350.2

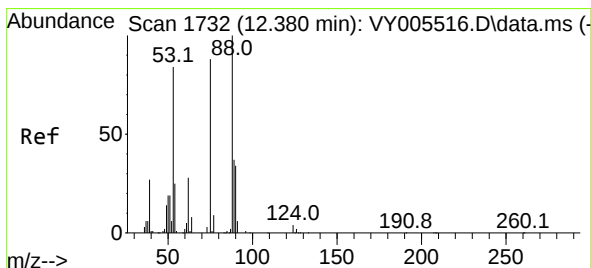
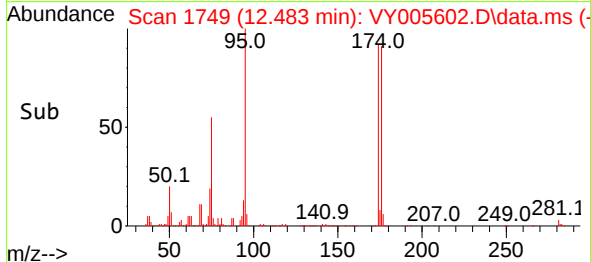
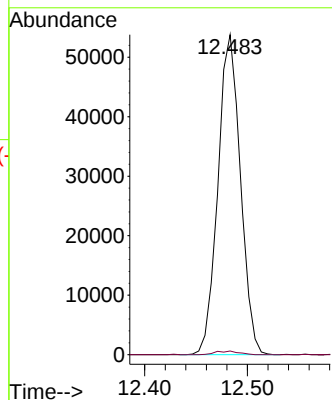
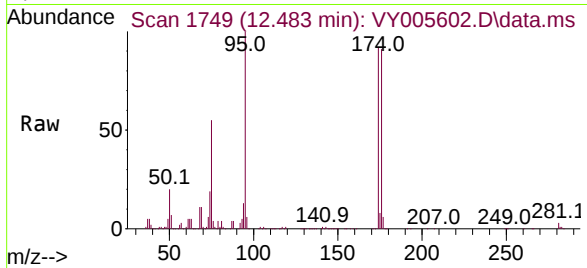




#76
1,2,3-Trichloropropane
Concen: 46.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 81776
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005602.D
Acq: 10 Aug 2021 17:45

Tgt Ion: 75 Resp: 81776
Ion Ratio Lower Upper
75 100
53 0.2 76.7 115.1#
89 0.1 38.4 57.6#

