

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005972.D
 Acq On : 09 Sep 2021 12:22
 Operator : SY/MD
 Sample : M3680-02
 Misc : 7.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 10 04:44:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

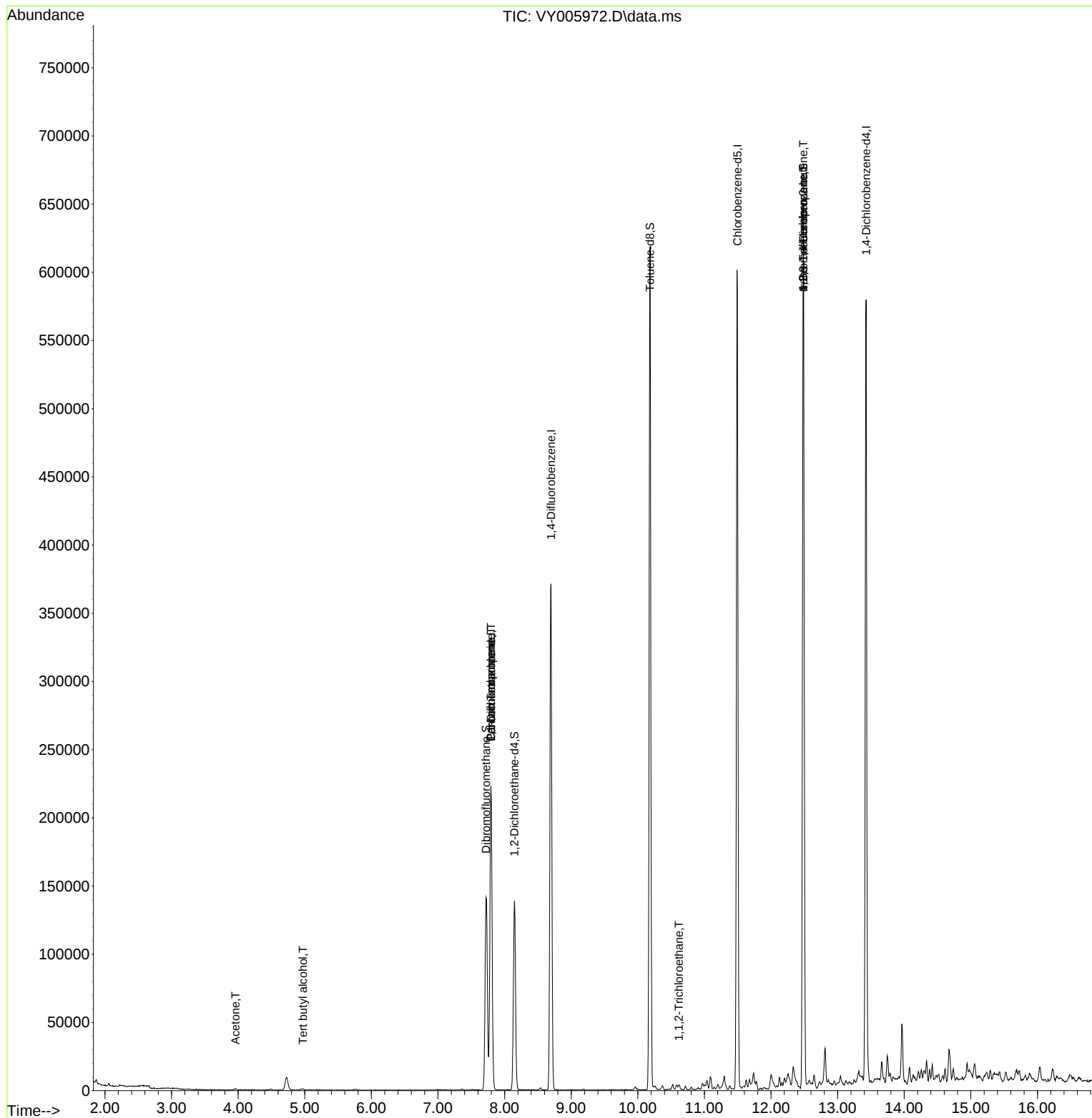
Internal Standards						
1) Pentafluorobenzene	7.795	168	192639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	329333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	340176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110729	57.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.080%	
35) Dibromofluoromethane	7.722	113	100198	54.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.360%	
50) Toluene-d8	10.185	98	413565	53.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.560%	
62) 4-Bromofluorobenzene	12.483	95	148825	57.100	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	2045	5.357	ug/l #	86
16) Acetone	3.960	43	1658	3.350	ug/l	91
20) Methylene Chloride	4.729	84	7622	Below Cal		90
36) 1,1-Dichloropropene	7.795	75	12327	3.975	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17444	5.190	ug/l #	15
55) 1,1,2-Trichloroethane	10.618	97	1780	1.005	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	76658	51.941	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76658	98.781	ug/l #	14

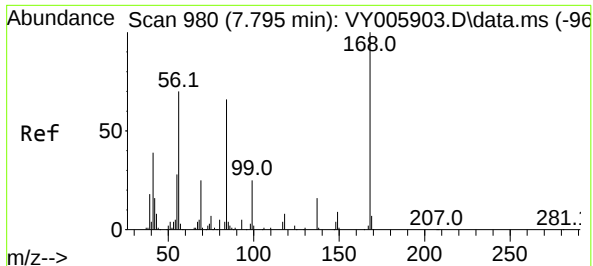
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

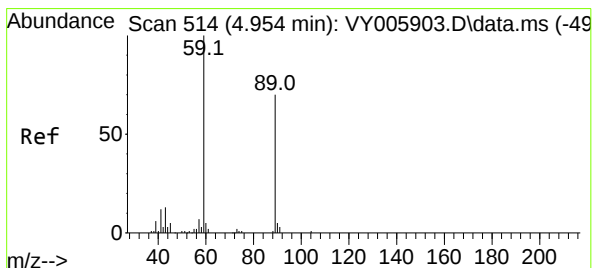
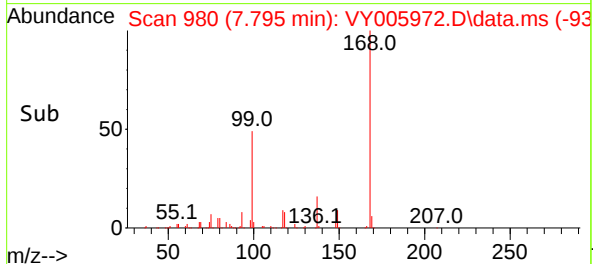
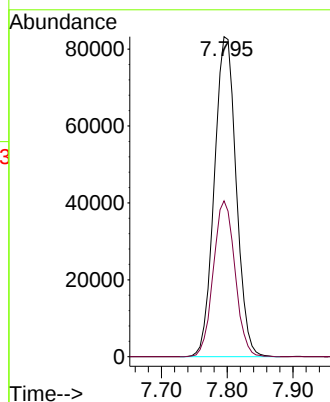
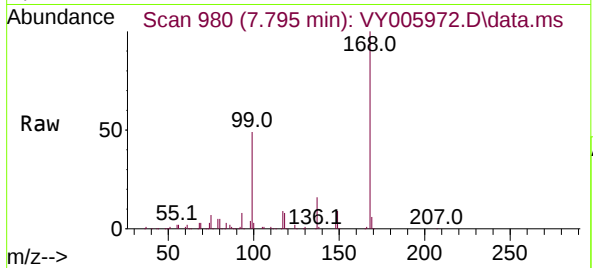




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

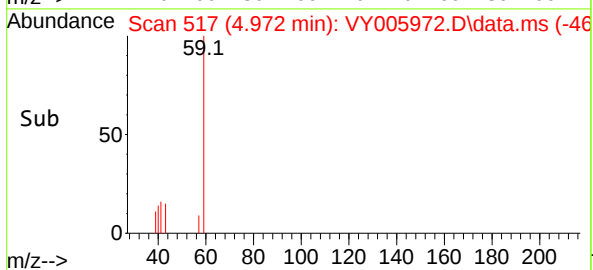
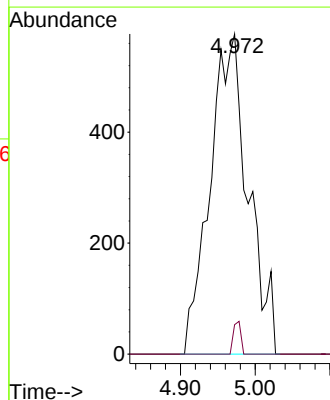
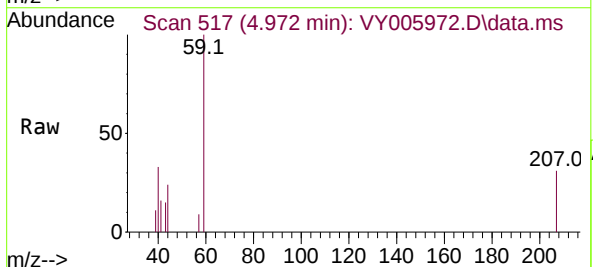
Instrument :
MSVOA_Y
ClientSampled :

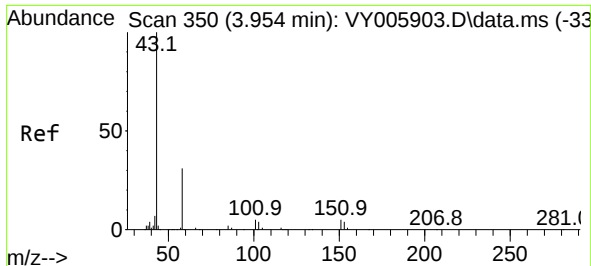
Tgt Ion:168 Resp: 192639
Ion Ratio Lower Upper
168 100
99 48.7 40.6 60.8



#11
Tert butyl alcohol
Concen: 5.357 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

Tgt Ion: 59 Resp: 2045
Ion Ratio Lower Upper
59 100
57 2.0 5.5 8.3#

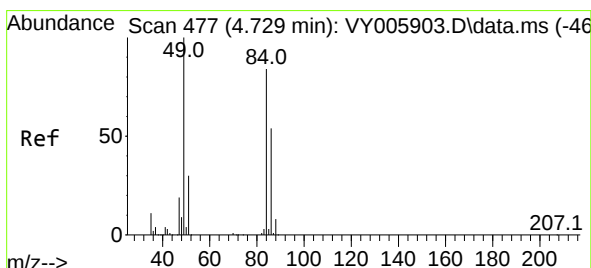
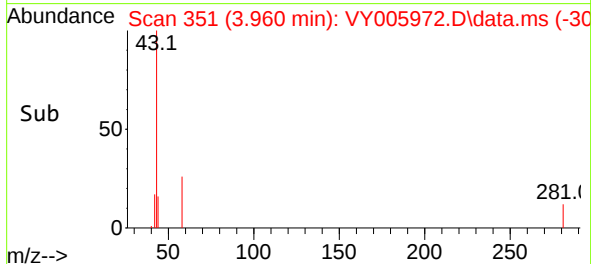
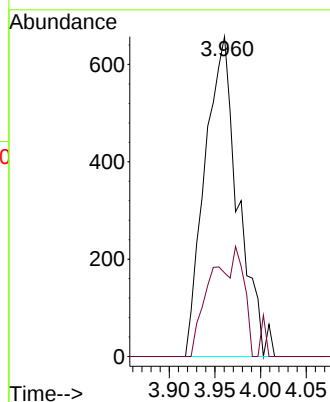
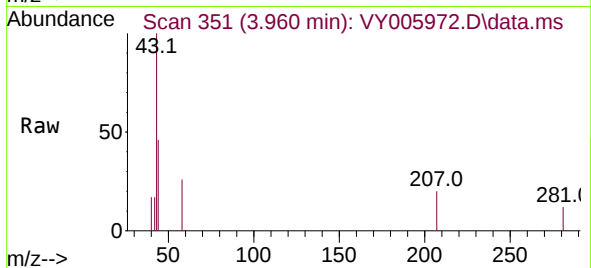




#16
Acetone
Concen: 3.350 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

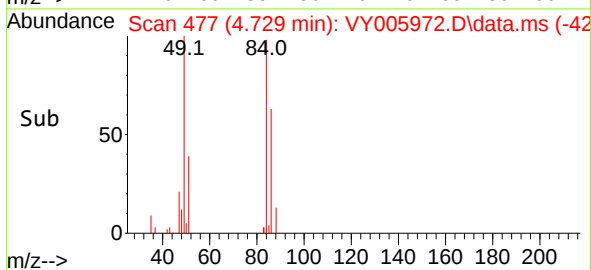
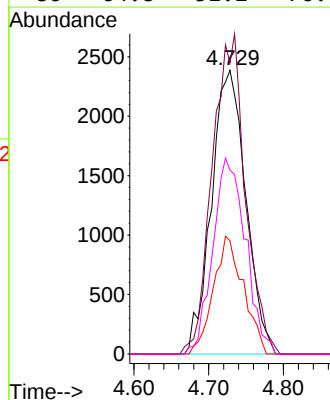
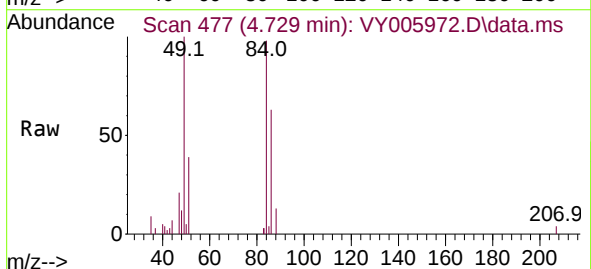
Instrument :
MSVOA_Y
ClientSampled :

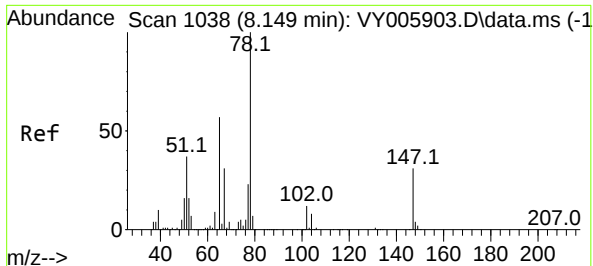
Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
58 26.2 25.1 37.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

Tgt Ion: 84 Resp: 7622
Ion Ratio Lower Upper
84 100
49 102.6 95.7 143.5
51 39.8 29.0 43.6
86 64.8 51.2 76.8

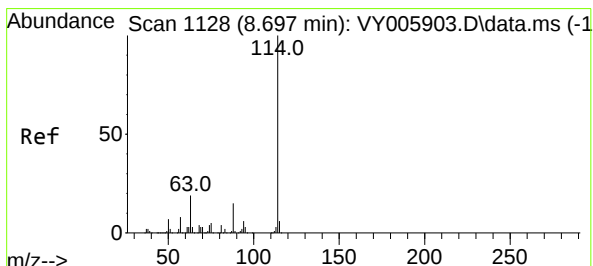
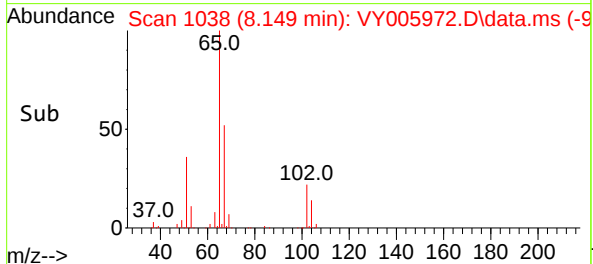
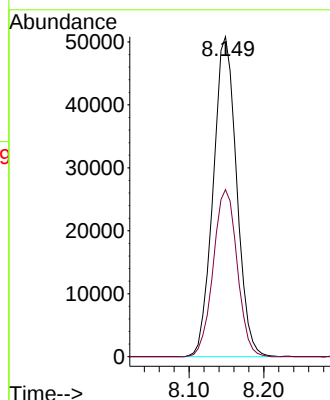
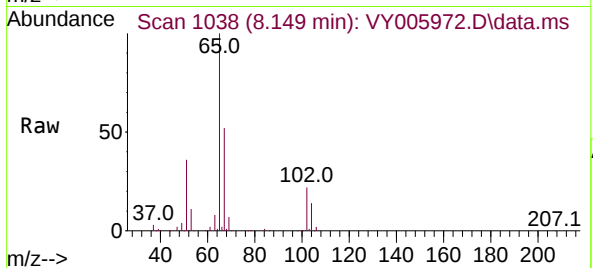




#33
 1,2-Dichloroethane-d4
 Concen: 57.039 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005972.D
 Acq: 09 Sep 2021 12:22

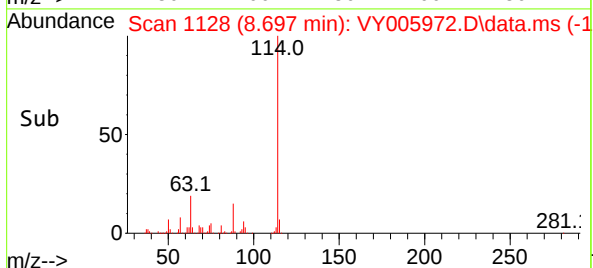
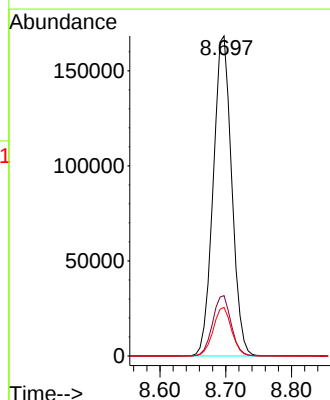
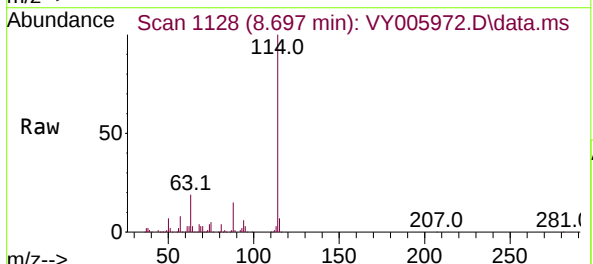
Instrument :
 MSVOA_Y
 ClientSampled :

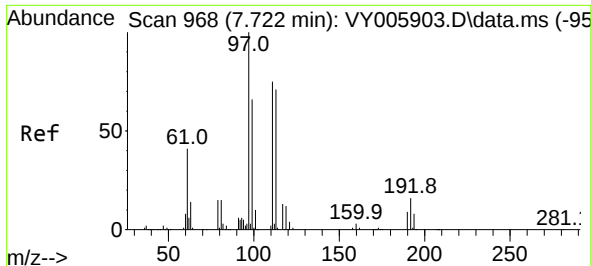
Tgt Ion: 65 Resp: 110729
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005972.D
 Acq: 09 Sep 2021 12:22

Tgt Ion: 114 Resp: 329333
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 15.1 0.0 30.0

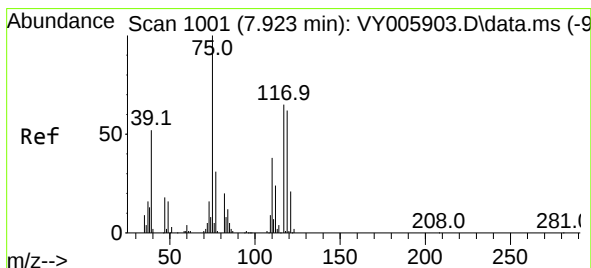
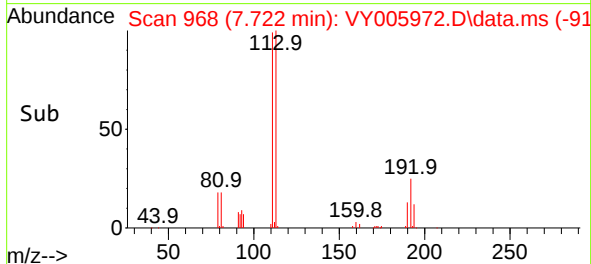
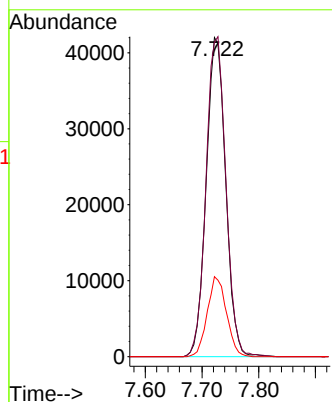
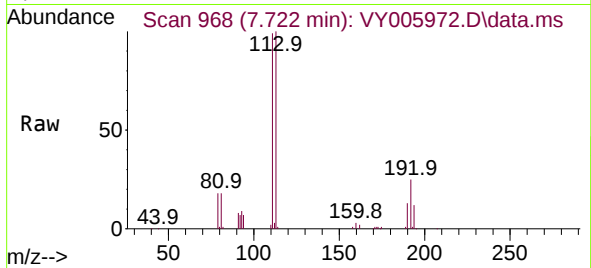




#35
Dibromofluoromethane
Concen: 54.175 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

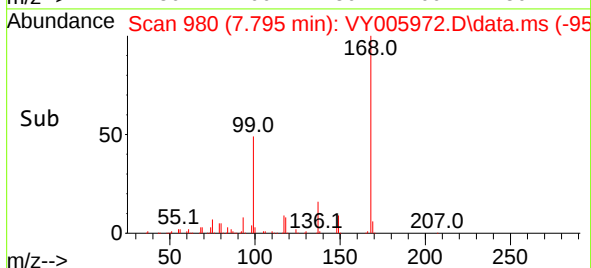
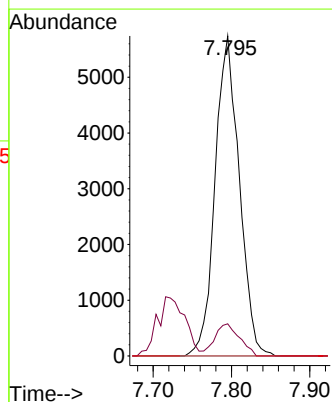
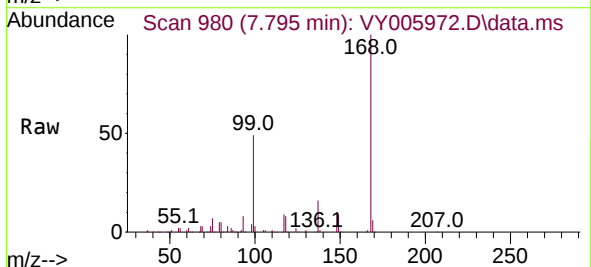
Instrument :
MSVOA_Y
ClientSampleId :

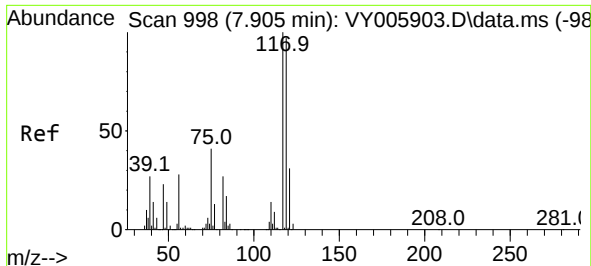
Tgt Ion:113 Resp: 100198
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 24.7 19.4 29.0



#36
1,1-Dichloropropene
Concen: 3.975 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

Tgt Ion: 75 Resp: 12327
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.3#
77 0.0 24.9 37.3#

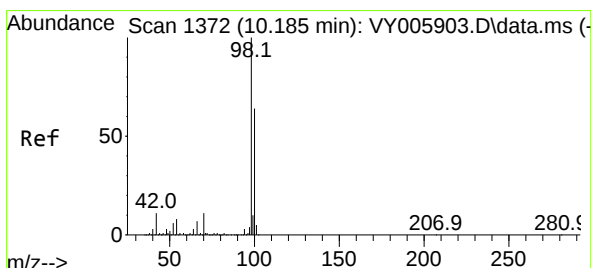
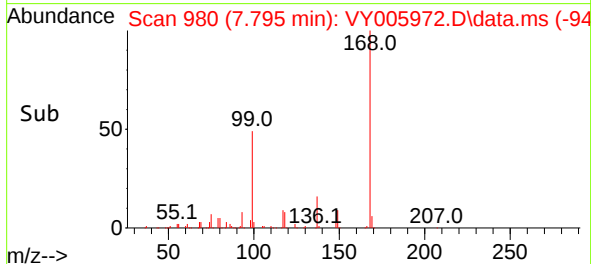
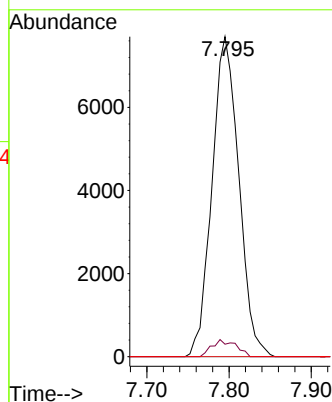
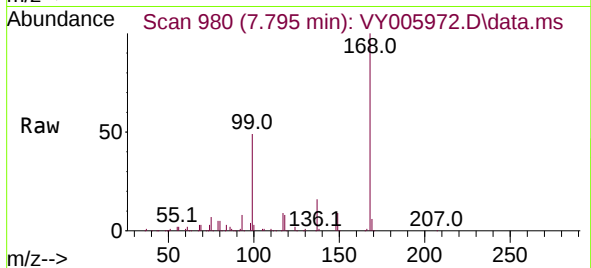




#38
Carbon Tetrachloride
Concen: 5.190 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

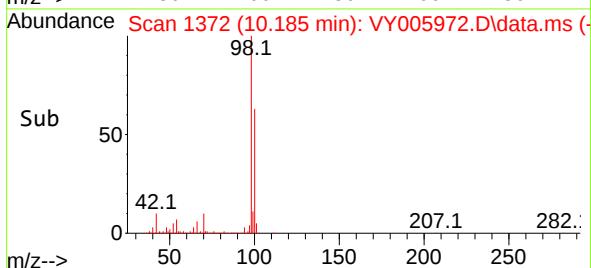
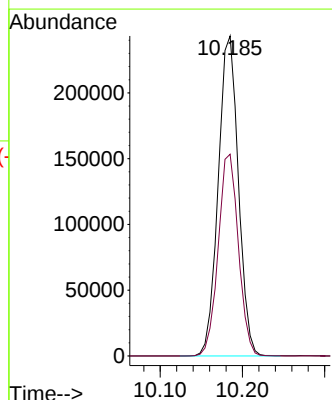
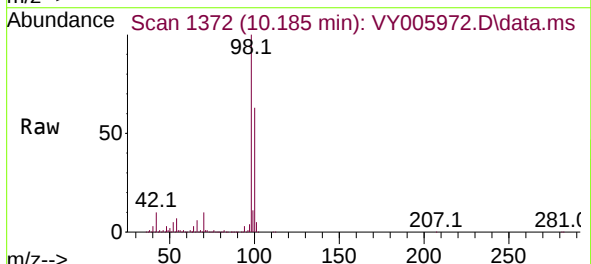
Instrument :
MSVOA_Y
ClientSampleId :

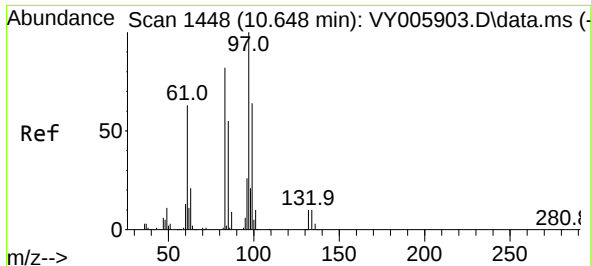
Tgt Ion:117 Resp: 17444
Ion Ratio Lower Upper
117 100
119 3.9 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 53.280 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

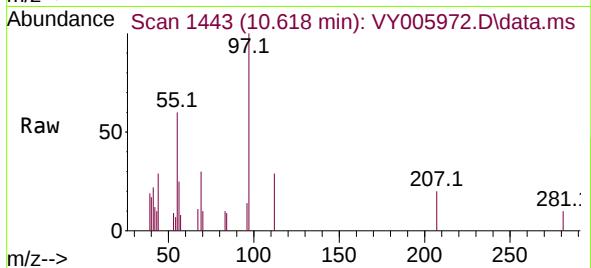
Tgt Ion: 98 Resp: 413565
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



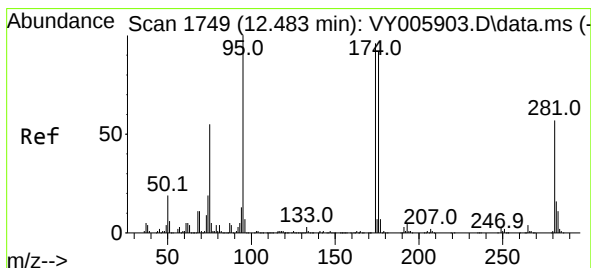
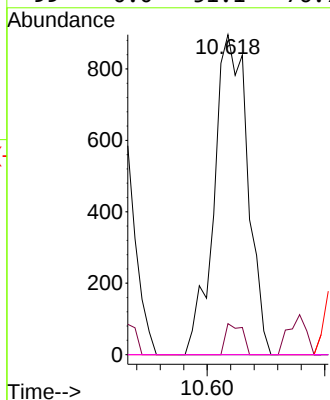
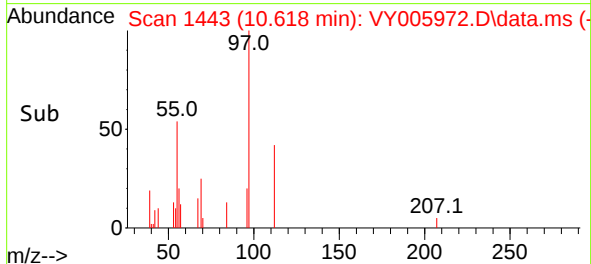


#55
1,1,2-Trichloroethane
Concen: 1.005 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

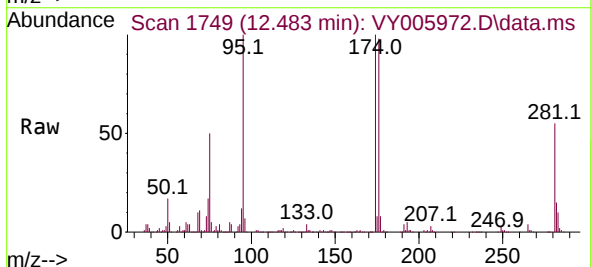
Instrument :
MSVOA_Y
ClientSampleId :



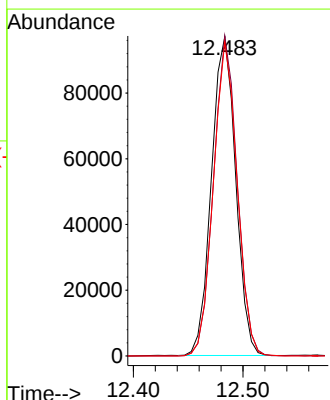
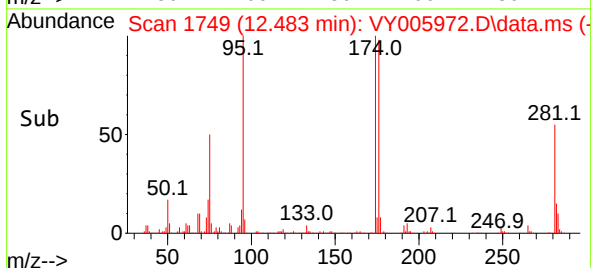
Tgt Ion: 97	Resp: 1780
Ion Ratio	Lower Upper
97 100	
83 9.7	65.9 98.9#
85 0.0	44.2 66.4#
99 0.0	51.1 76.7#

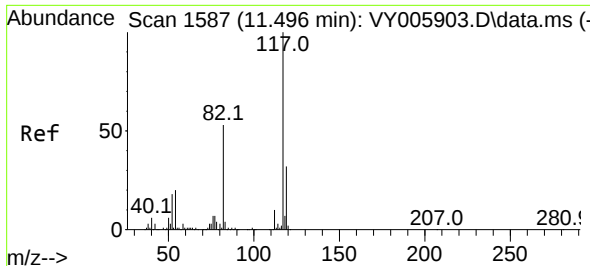


#62
4-Bromofluorobenzene
Concen: 57.100 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22



Tgt Ion: 95	Resp: 148825
Ion Ratio	Lower Upper
95 100	
174 98.0	0.0 192.4
176 96.6	0.0 186.8

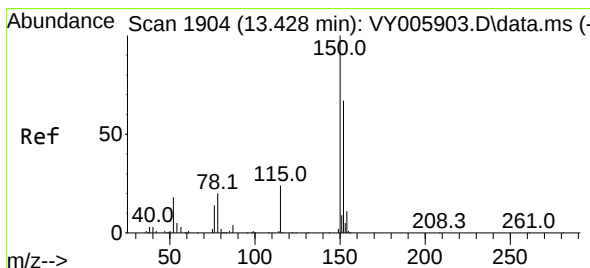
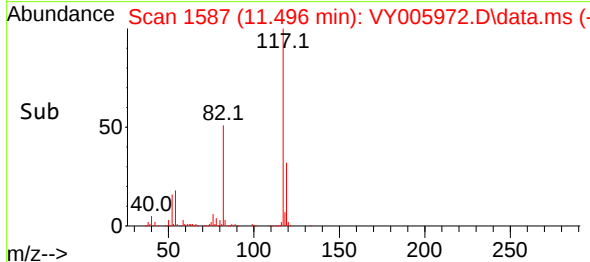
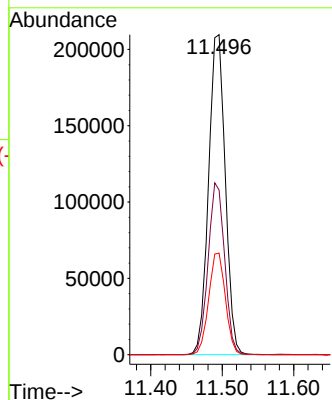
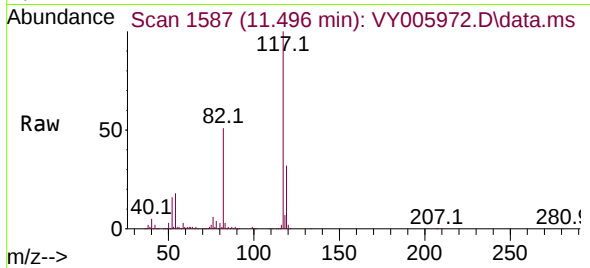




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

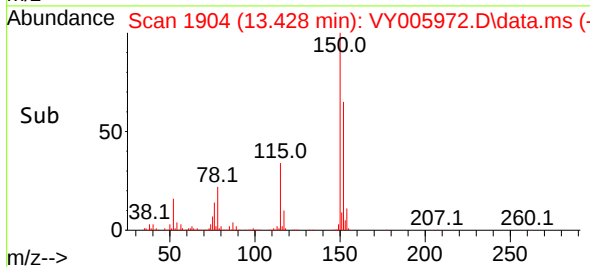
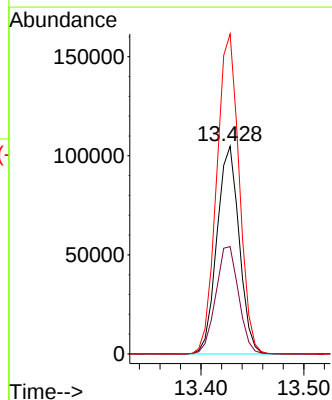
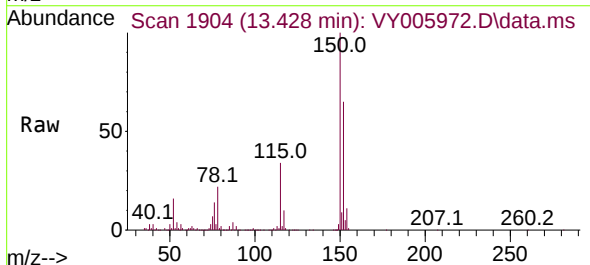
Instrument :
MSVOA_Y
ClientSampleId :

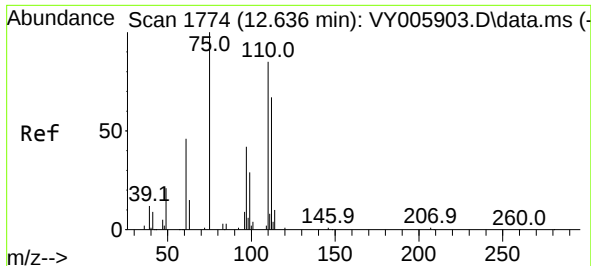
Tgt Ion:117 Resp: 340176
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

Tgt Ion:152 Resp: 157683
Ion Ratio Lower Upper
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115 53.2 26.8 80.4
150 155.5 0.0 345.6

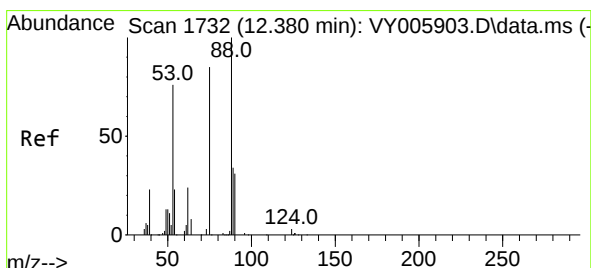
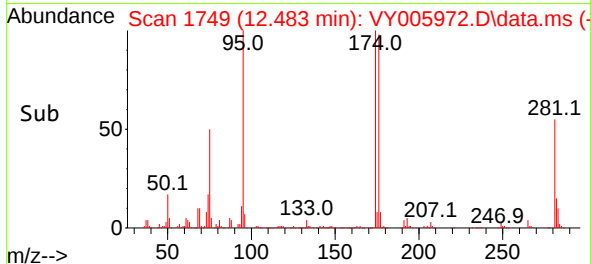
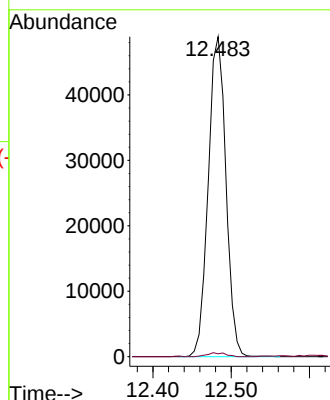
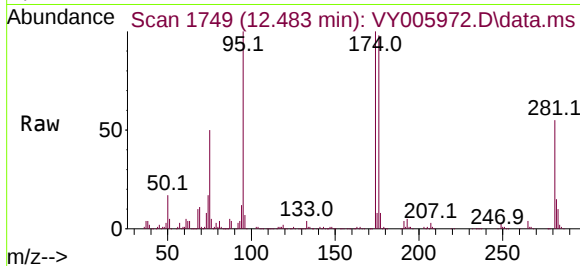




#76
1,2,3-Trichloropropane
Concen: 51.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76658
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.781 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

Tgt Ion: 75 Resp: 76658
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.4 35.8 53.6#

