

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005672.D
 Acq On : 16 Aug 2021 15:55
 Operator : SY/MD
 Sample : M3431-03
 Misc : 5.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3

Quant Time: Aug 17 05:19:43 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)

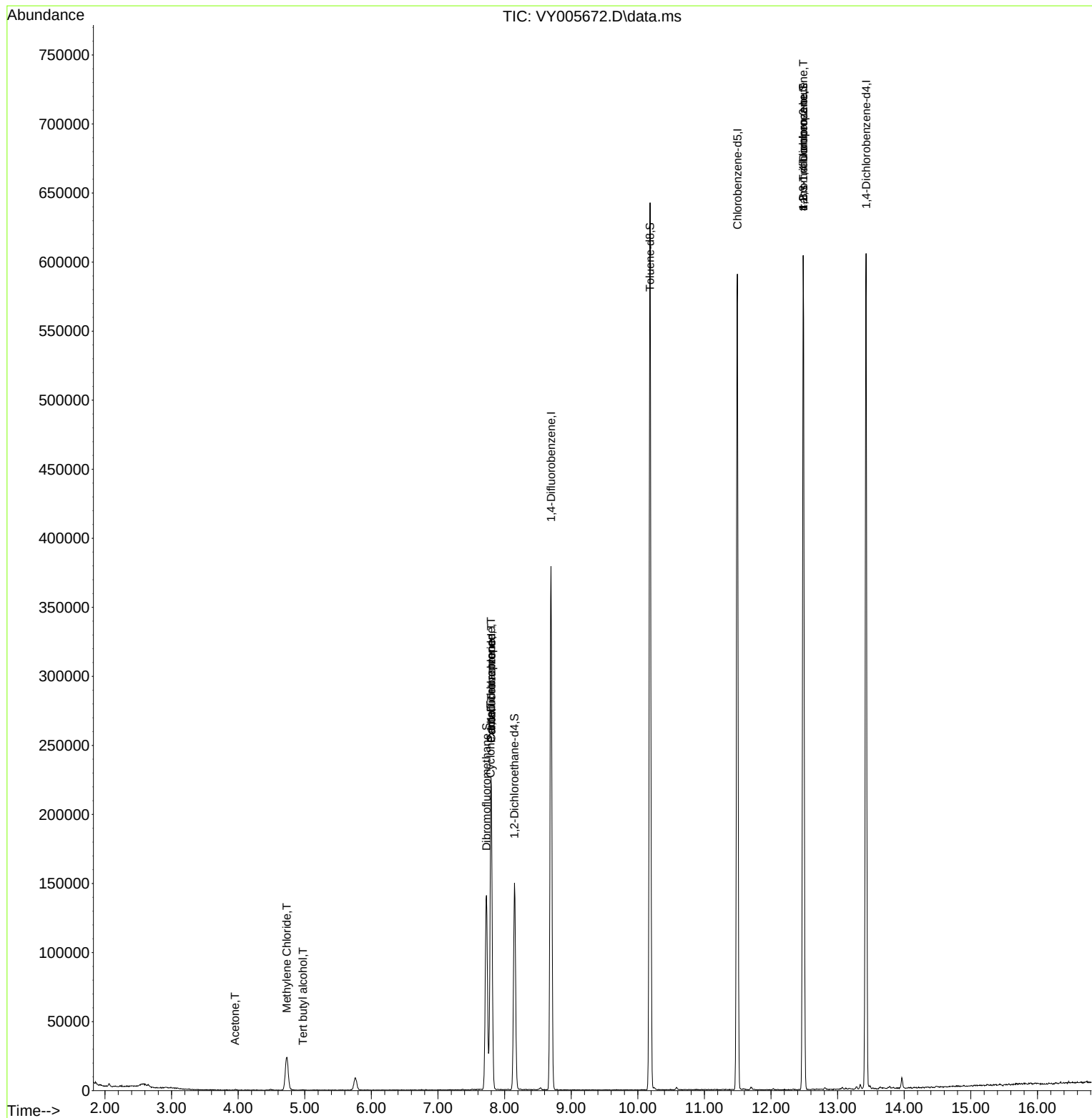
Internal Standards						
1) Pentafluorobenzene	7.801	168	182730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	310397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	311669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120587	65.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.380%	
35) Dibromofluoromethane	7.728	113	95406	54.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.800%	
50) Toluene-d8	10.185	98	400724	54.981	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.960%	
62) 4-Bromofluorobenzene	12.483	95	135543	56.159	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	393	2.149	ug/l #	73
16) Acetone	3.954	43	793	1.700	ug/l #	85
20) Methylene Chloride	4.729	84	18283	4.354	ug/l	94
31) Cyclohexane	7.789	56	3875	1.221	ug/l #	45
36) 1,1-Dichloropropene	7.795	75	13169	4.523	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16606	5.248	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	77716	48.133	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77716	97.030	ug/l #	11

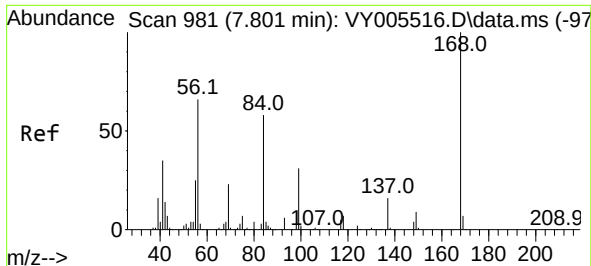
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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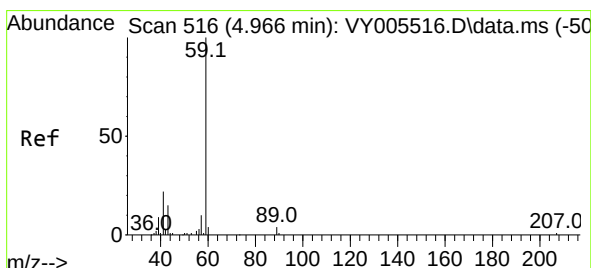
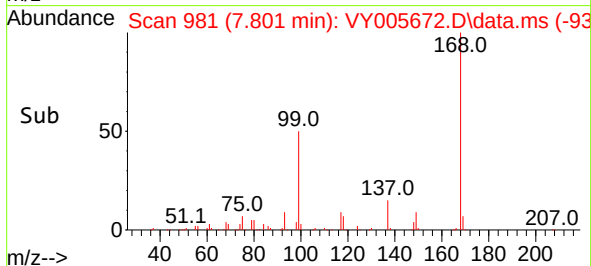
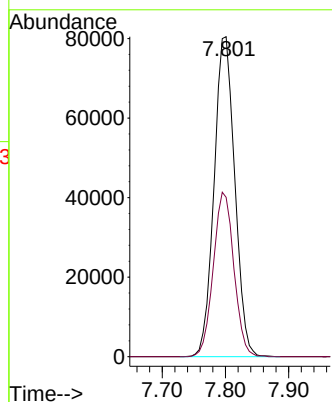
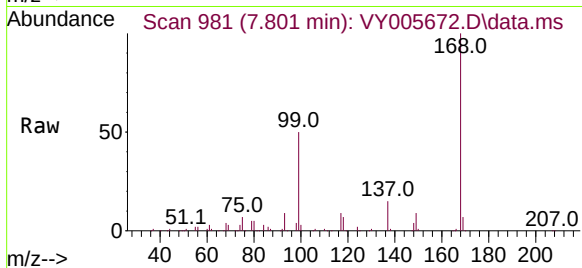




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

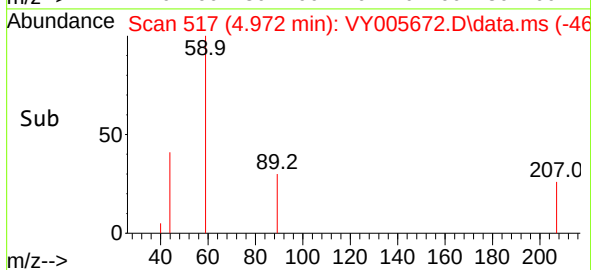
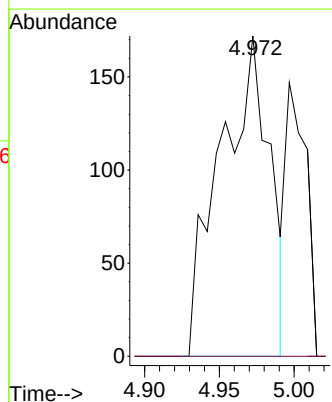
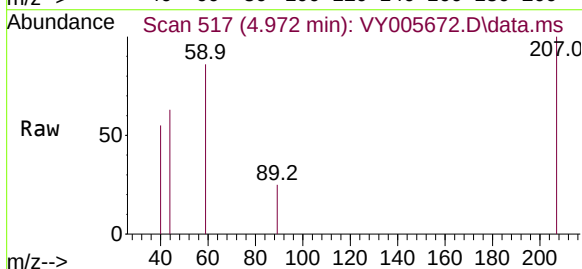
Instrument :
MSVOA_Y
ClientSampled :
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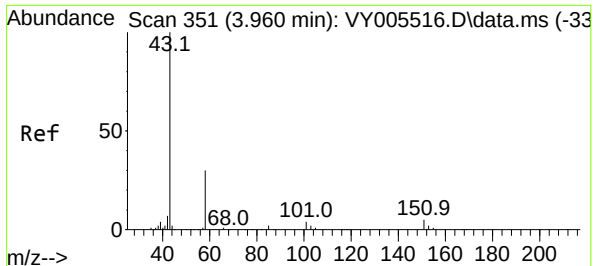
Tgt Ion:168 Resp: 182730
Ion Ratio Lower Upper
168 100
99 49.8 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.149 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

Tgt Ion: 59 Resp: 393
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

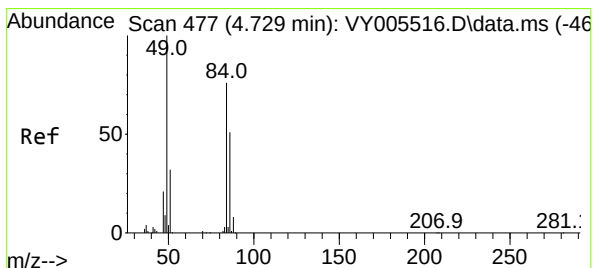
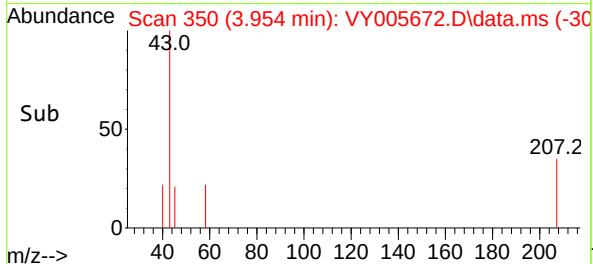
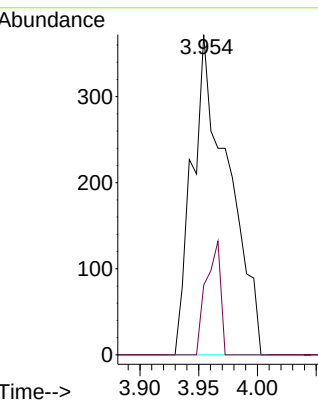
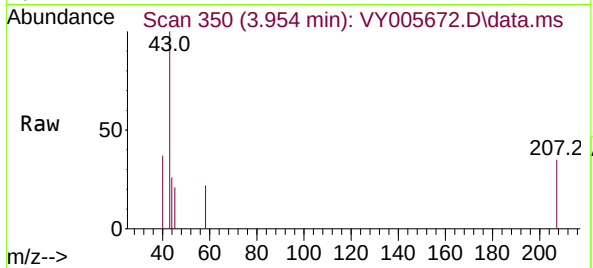




#16
Acetone
Concen: 1.700 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

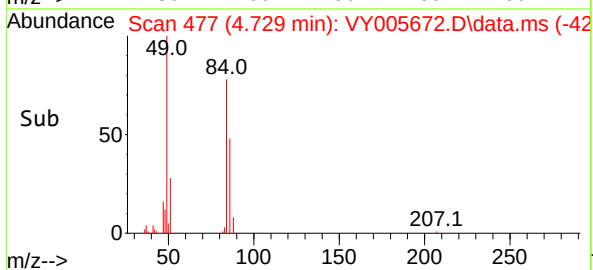
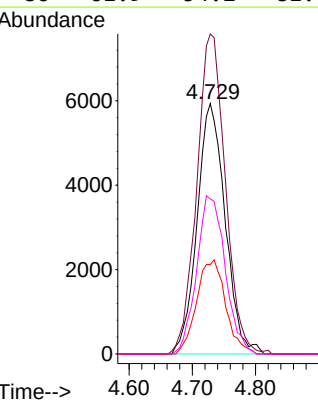
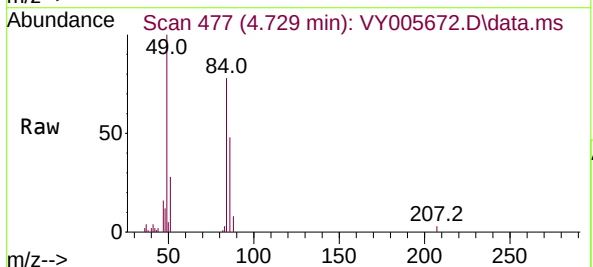
Instrument :
MSVOA_Y
ClientSampled :
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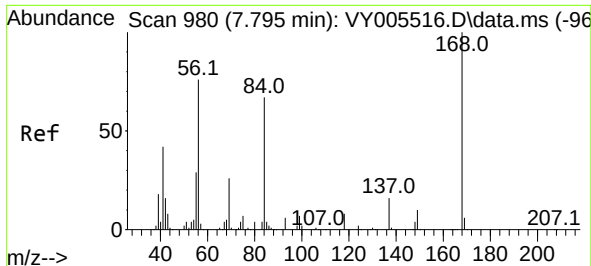
Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
58 21.8 23.8 35.6#



#20
Methylene Chloride
Concen: 4.354 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

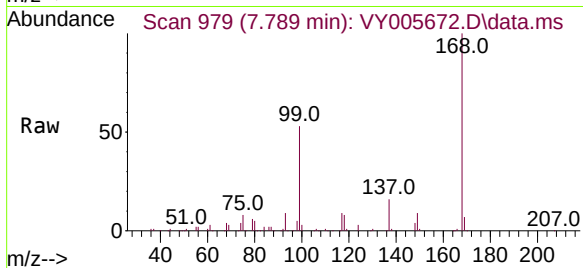
Tgt Ion: 84 Resp: 18283
Ion Ratio Lower Upper
84 100
49 127.8 105.8 158.6
51 35.7 33.4 50.2
86 61.9 54.2 81.4



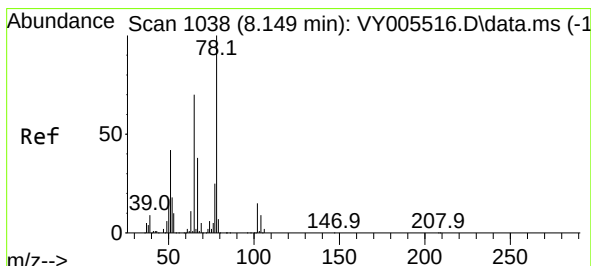
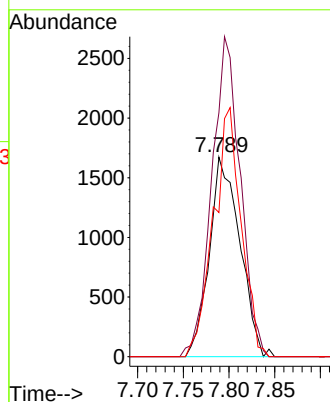
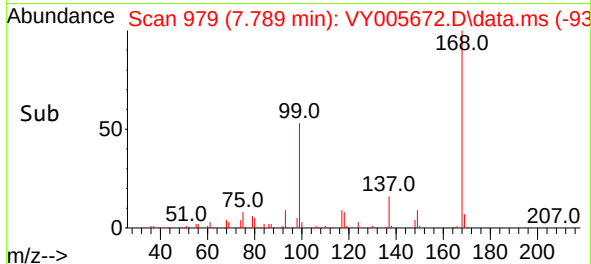


#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

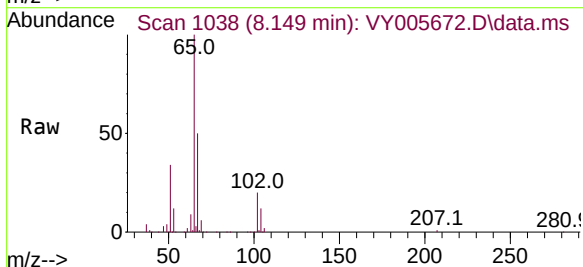
Instrument :
MSVOA_Y
ClientSampled :
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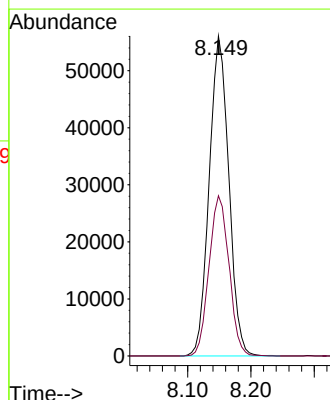
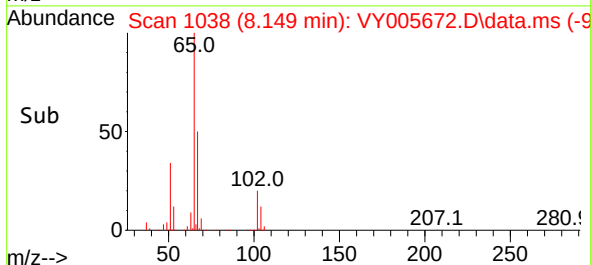
Tgt Ion: 56 Resp: 3875
Ion Ratio Lower Upper
56 100
69 122.2 27.7 41.5#
84 72.2 70.9 106.3

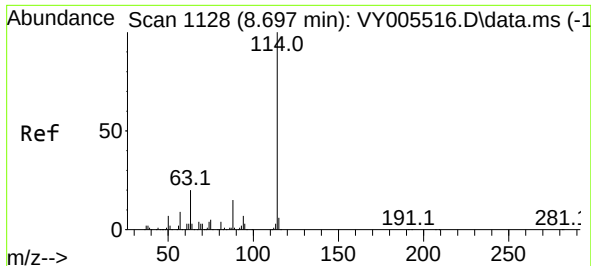


#33
1,2-Dichloroethane-d4
Concen: 65.193 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55



Tgt Ion: 65 Resp: 120587
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4

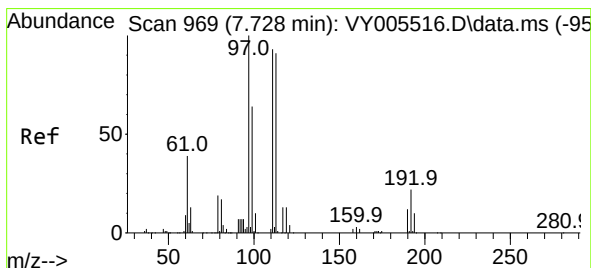
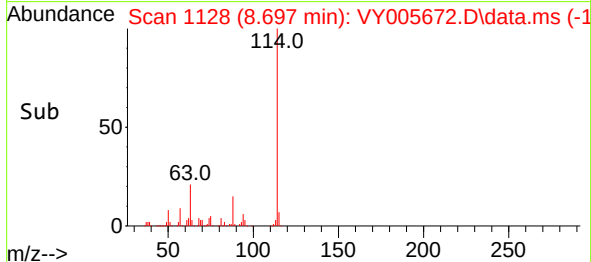
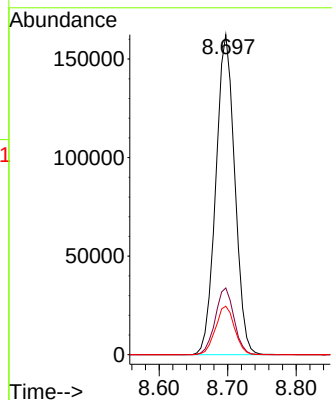
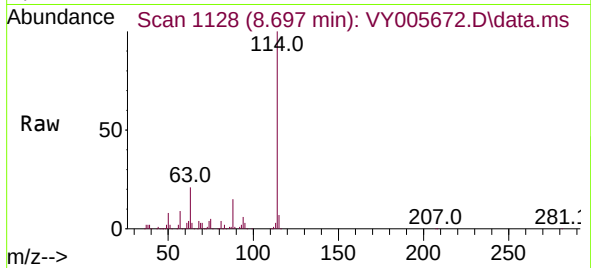




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

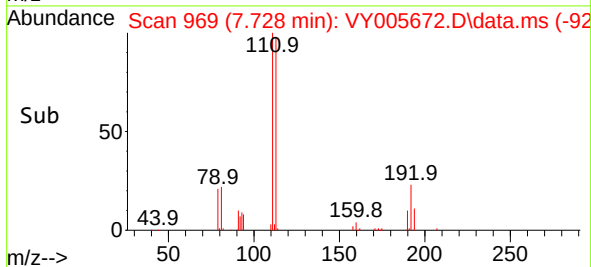
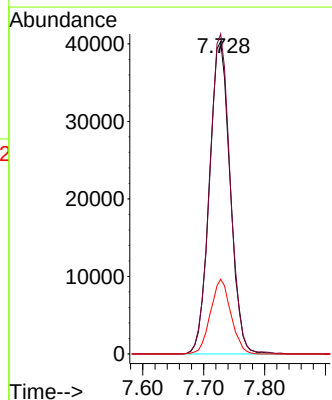
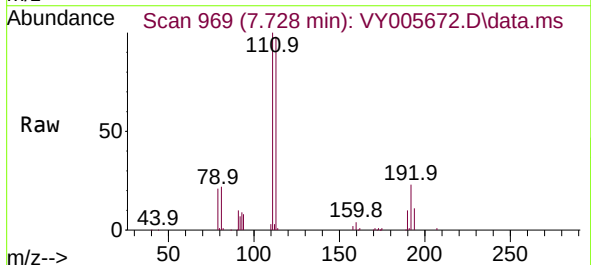
Instrument :
MSVOA_Y
ClientSampleId :
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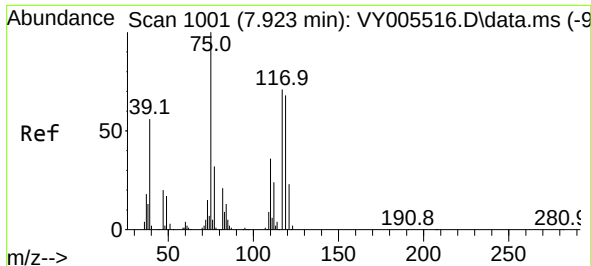
Tgt Ion:114 Resp: 310397
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.2
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.899 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

Tgt Ion:113 Resp: 95406
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 23.5 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.523 ug/l

RT: 7.795 min Scan# 980

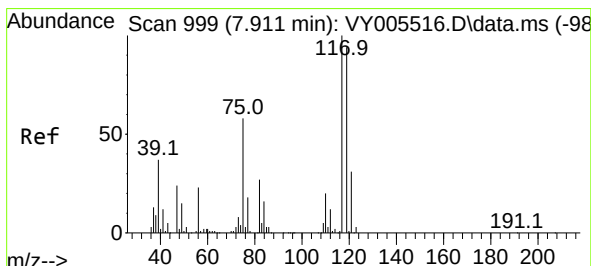
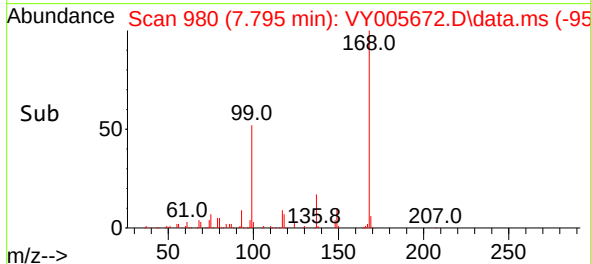
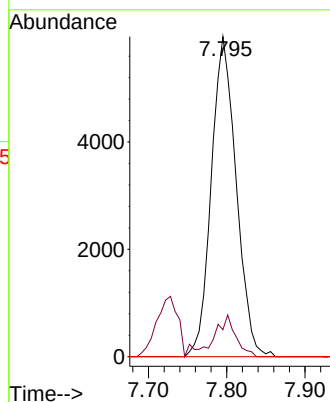
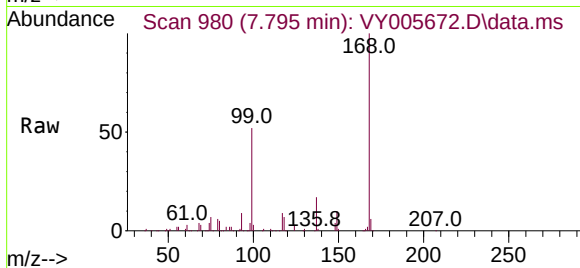
Delta R.T. -0.128 min

Lab File: VY005672.D

Acq: 16 Aug 2021 15:55

Instrument :
MSVOA_Y
ClientSampled :
3

Tgt Ion:	75	Resp:	13169
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.248 ug/l

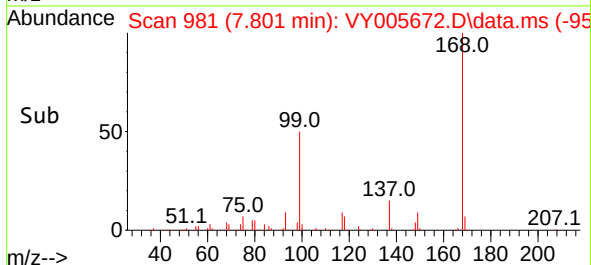
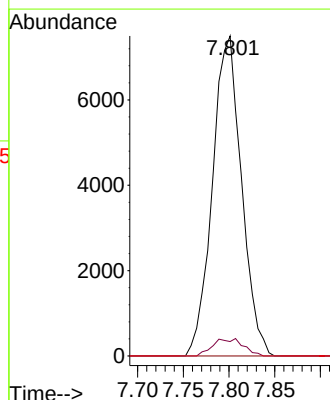
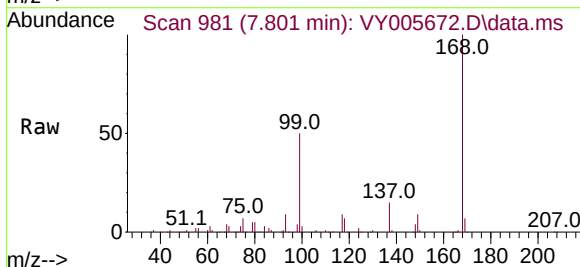
RT: 7.801 min Scan# 981

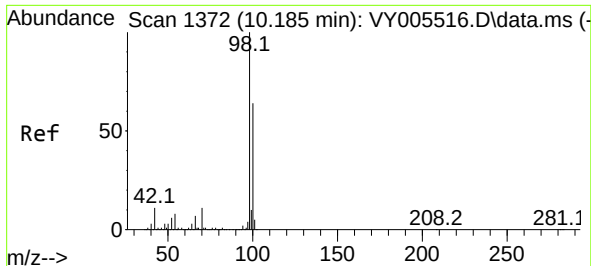
Delta R.T. -0.110 min

Lab File: VY005672.D

Acq: 16 Aug 2021 15:55

Tgt Ion:	117	Resp:	16606
Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.4	113.0#
121	0.0	25.1	37.7#

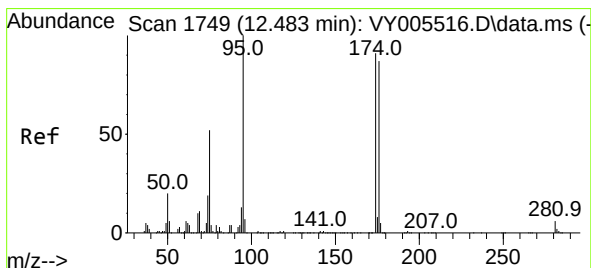
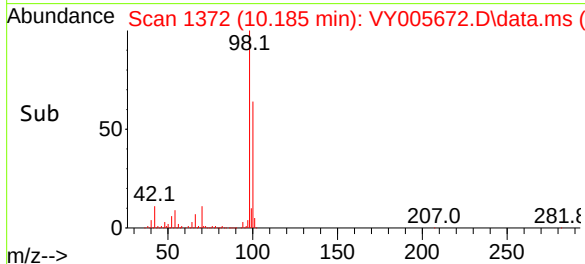
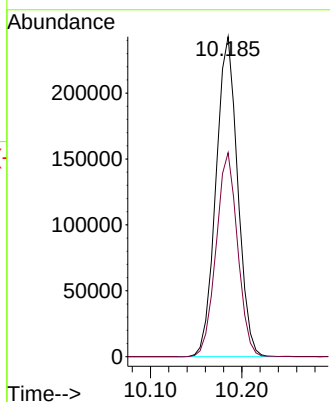
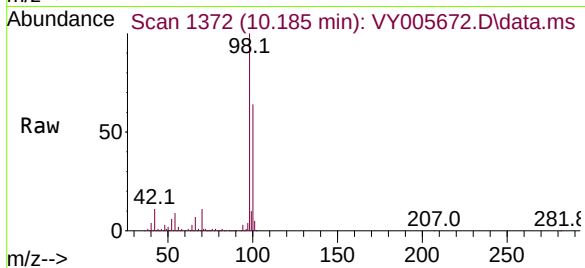




#50
Toluene-d8
Concen: 54.981 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

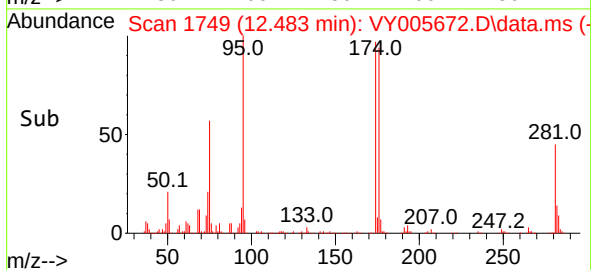
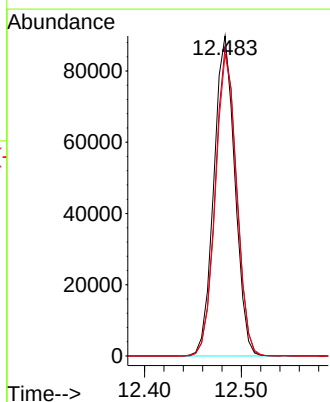
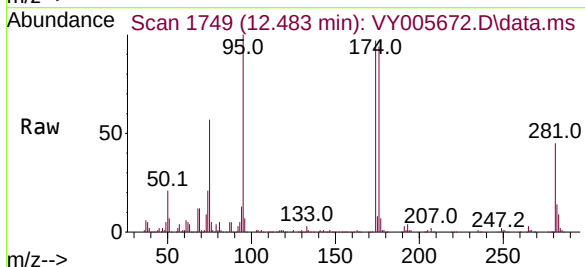
Instrument :
MSVOA_Y
ClientSampled :
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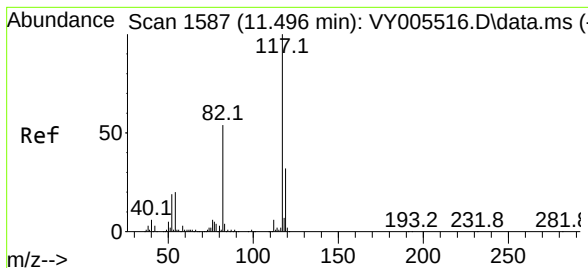
Tgt Ion: 98 Resp: 400724
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 56.159 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

Tgt Ion: 95 Resp: 135543
Ion Ratio Lower Upper
95 100
174 97.4 0.0 191.4
176 95.0 0.0 183.6

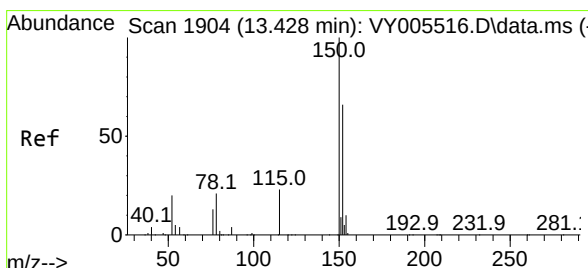
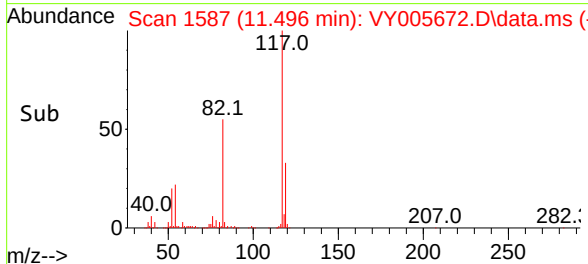
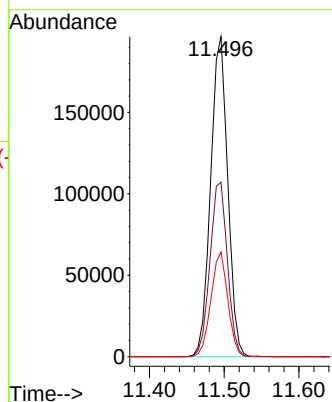
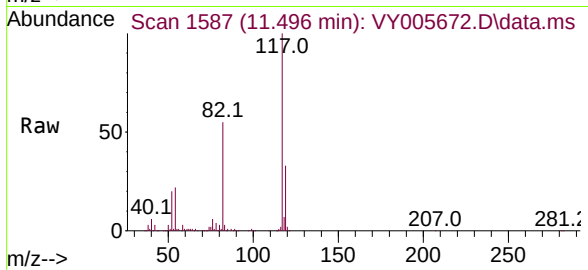




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

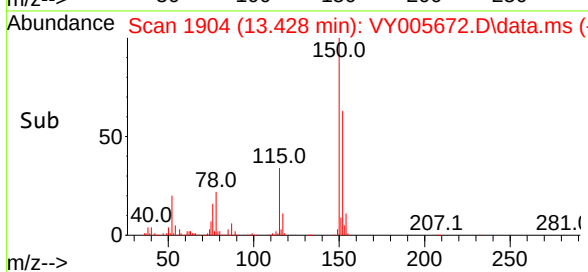
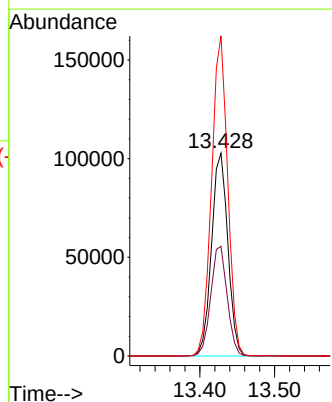
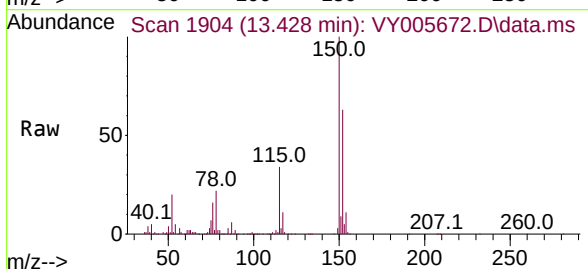
Instrument :
MSVOA_Y
ClientSampled :
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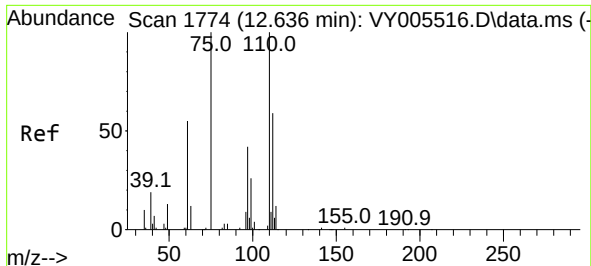
Tgt Ion:117 Resp: 311669
Ion Ratio Lower Upper
117 100
82 54.5 43.5 65.3
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

Tgt Ion:152 Resp: 155806
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 155.6 0.0 350.2

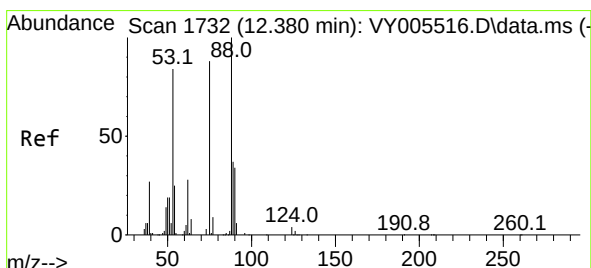
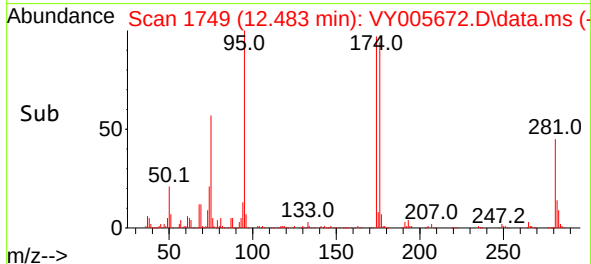
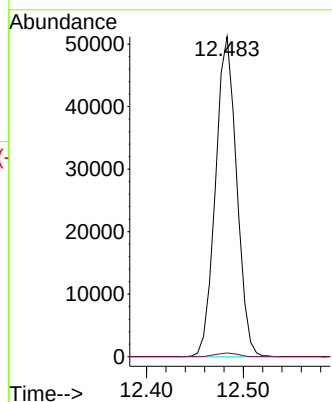
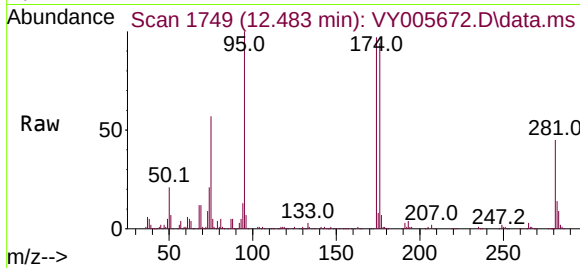




#76
1,2,3-Trichloropropane
Concen: 48.133 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

Instrument :
MSVOA_Y
ClientSampled :
3

Tgt Ion: 75 Resp: 77716
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.030 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005672.D
Acq: 16 Aug 2021 15:55

Tgt Ion: 75 Resp: 77716
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.2 38.4 57.6#

