

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005638.D
 Acq On : 13 Aug 2021 16:52
 Operator : SY/MD
 Sample : M3408-01
 Misc : 9.6G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 31S

Quant Time: Aug 14 03:36:34 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)

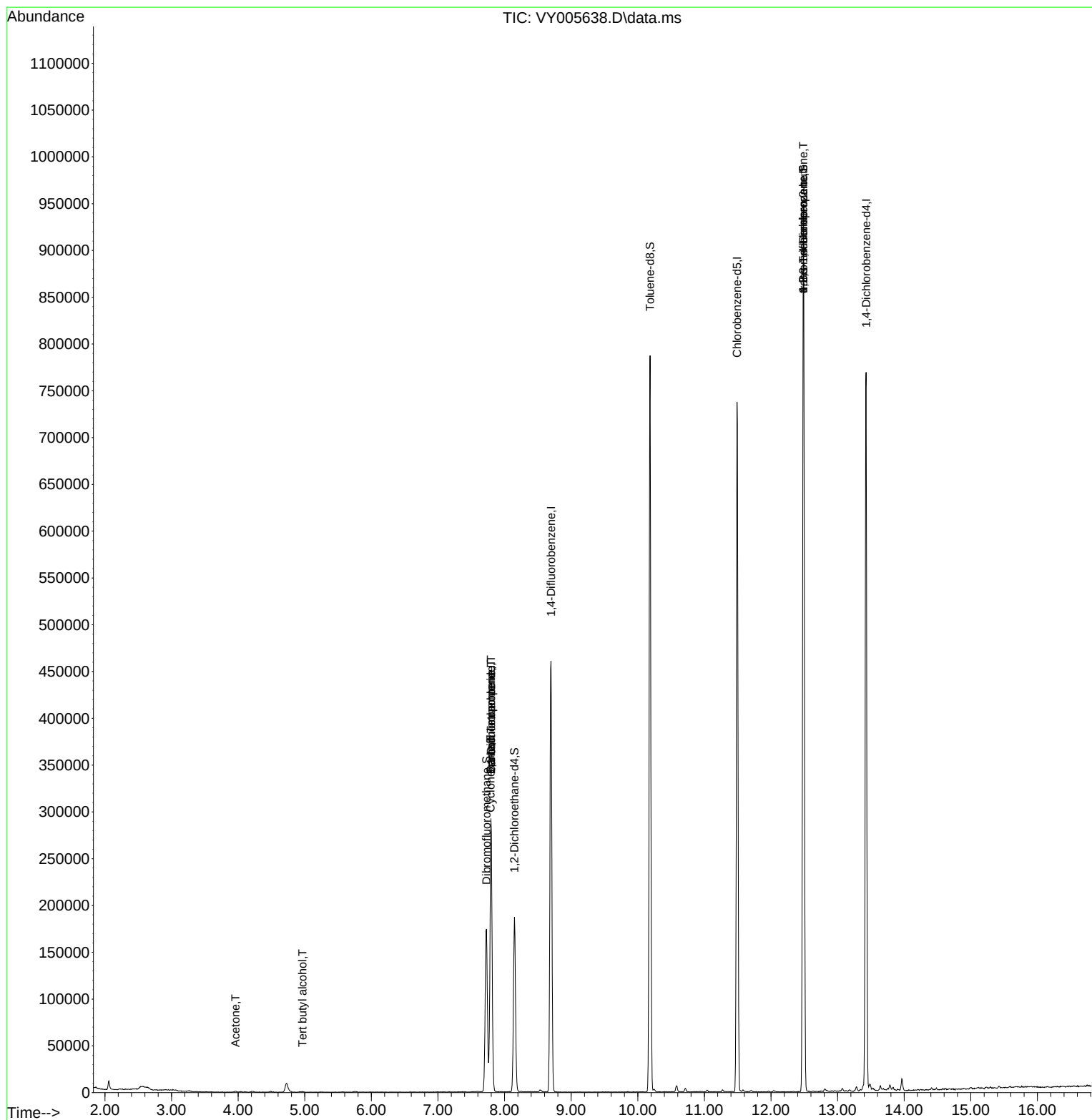
Internal Standards						
1) Pentafluorobenzene	7.795	168	230817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	391527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	392971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	201976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148179	63.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.840%	
35) Dibromofluoromethane	7.728	113	117078	53.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.820%	
50) Toluene-d8	10.185	98	499269	54.307	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.620%	
62) 4-Bromofluorobenzene	12.483	95	180494	59.288	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1196	5.178	ug/l #	73
16) Acetone	3.960	43	1664	2.825	ug/l #	77
20) Methylene Chloride	4.729	84	6996	Below Cal	#	83
31) Cyclohexane	7.789	56	4254	1.061	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	16266	4.429	ug/l #	50
38) Carbon Tetrachloride	7.795	117	20824	5.218	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	100463	47.998	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	100463	96.758	ug/l #	11

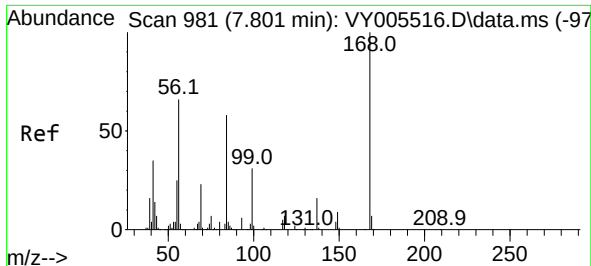
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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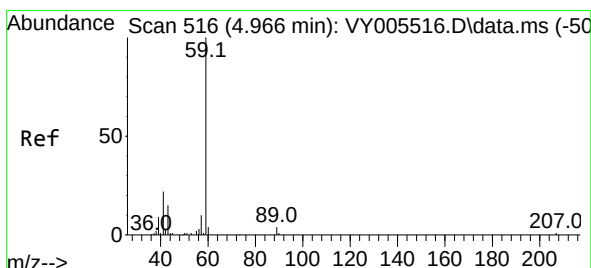
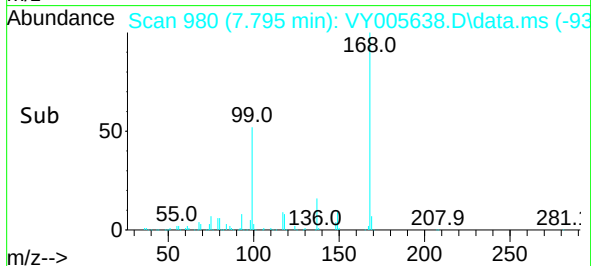
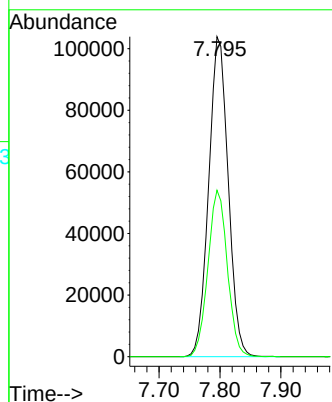
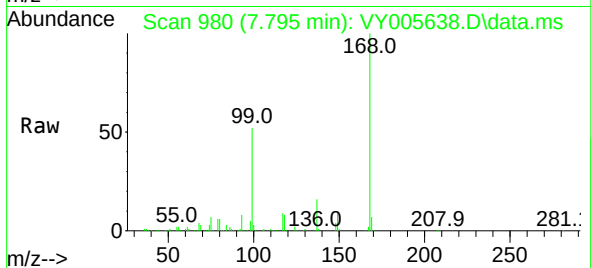




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

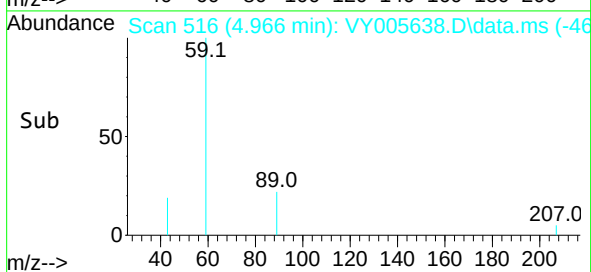
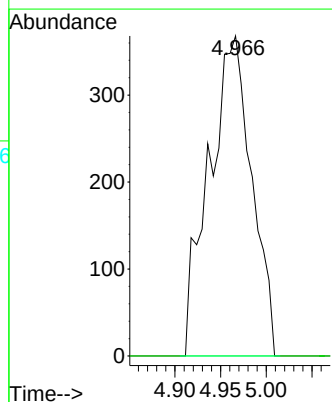
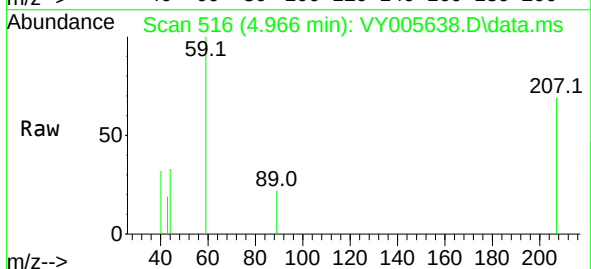
Instrument :
MSVOA_Y
ClientSampled :
31S

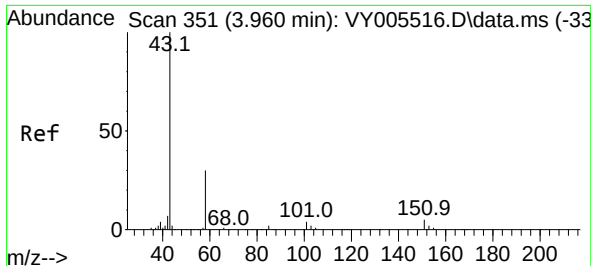
Tgt Ion:168 Resp: 230817
Ion Ratio Lower Upper
168 100
99 52.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 5.178 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Tgt Ion: 59 Resp: 1196
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

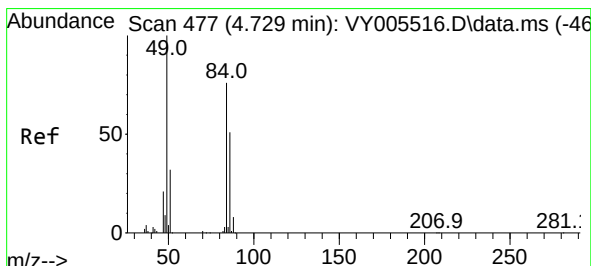
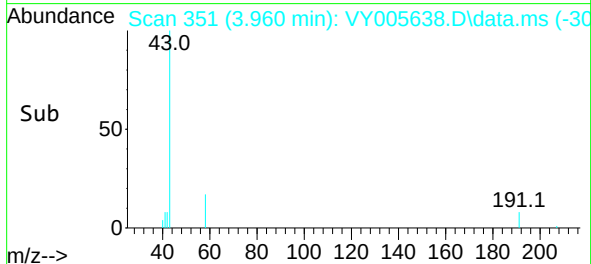
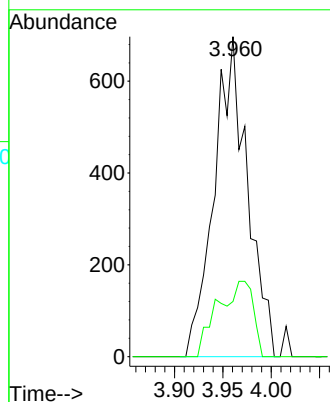
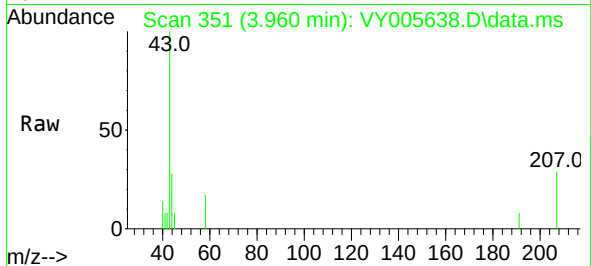




#16
Acetone
Concen: 2.825 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

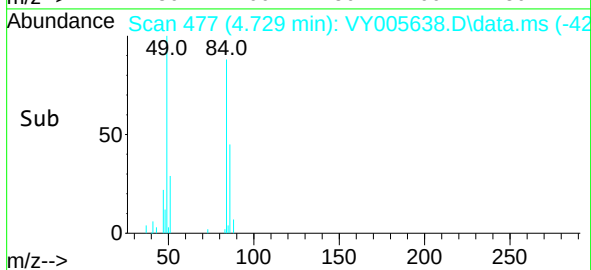
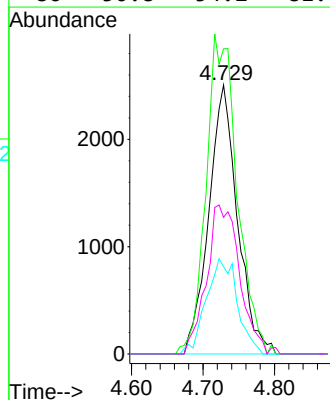
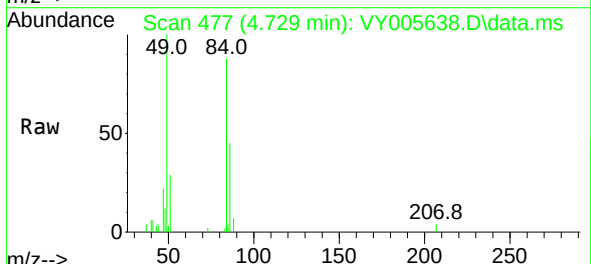
Instrument :
MSVOA_Y
ClientSampled :
31S

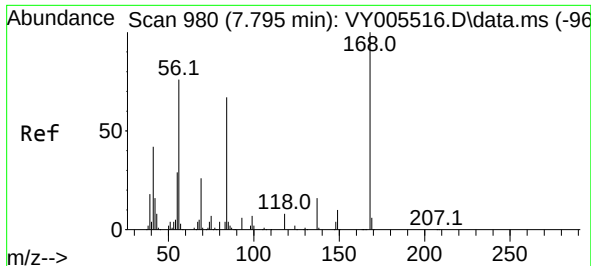
Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
58 17.2 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Tgt Ion: 84 Resp: 6996
Ion Ratio Lower Upper
84 100
49 113.4 105.8 158.6
51 32.5 33.4 50.2#
86 50.8 54.2 81.4#

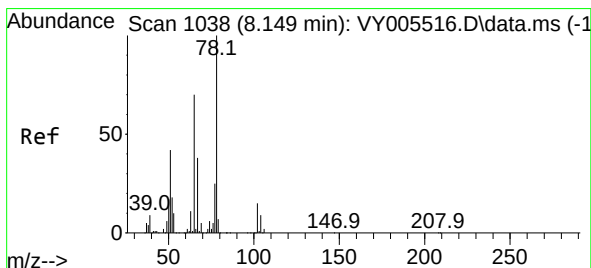
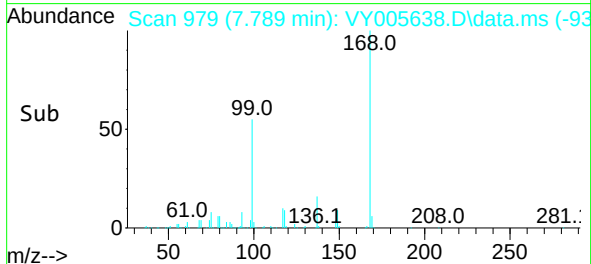
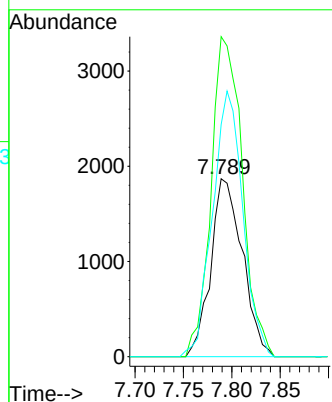
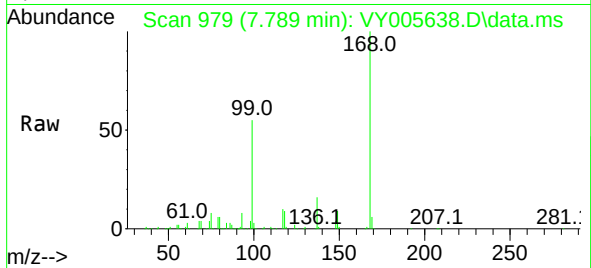




#31
Cyclohexane
Concen: 1.061 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

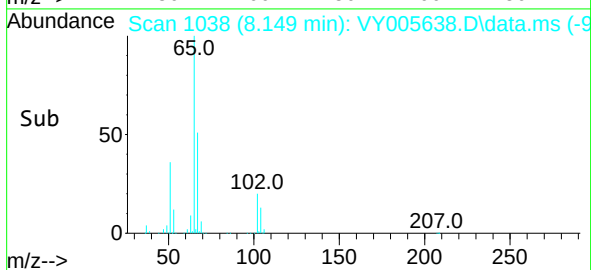
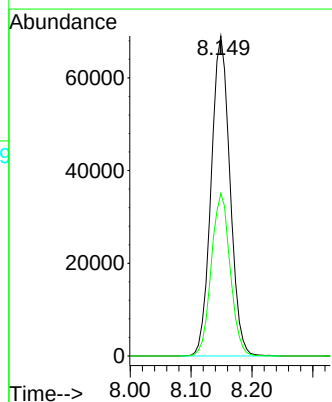
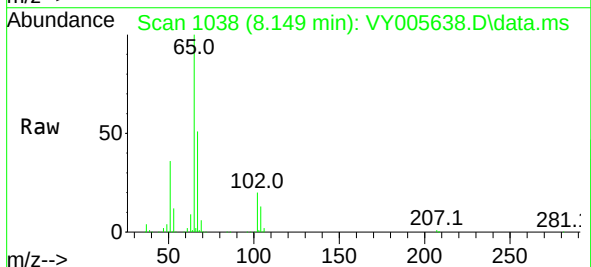
Instrument :
MSVOA_Y
ClientSampled :
31S

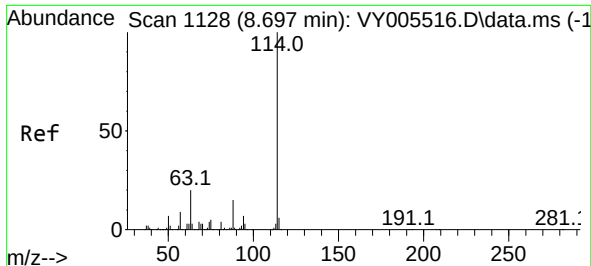
Tgt Ion: 56 Resp: 4254
Ion Ratio Lower Upper
56 100
69 179.8 27.7 41.5#
84 130.5 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 63.421 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Tgt Ion: 65 Resp: 148179
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

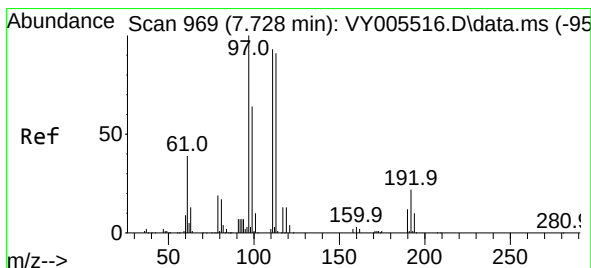
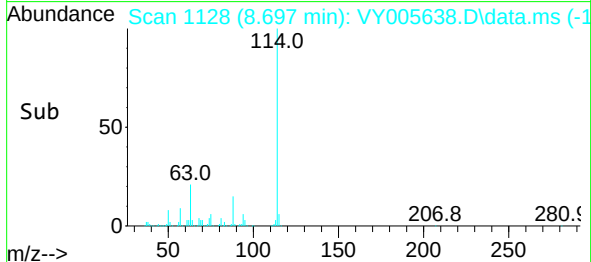
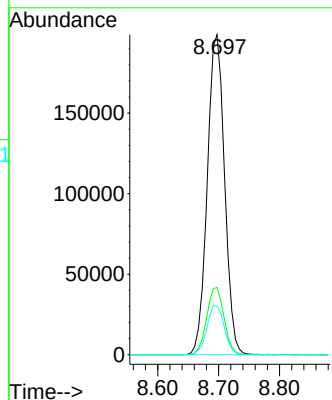
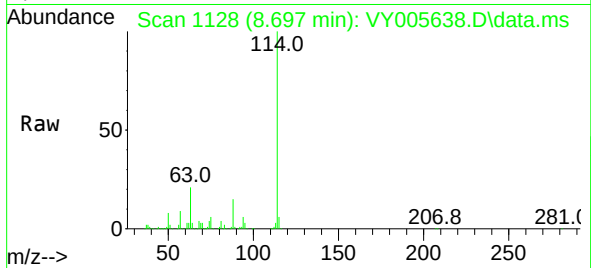




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

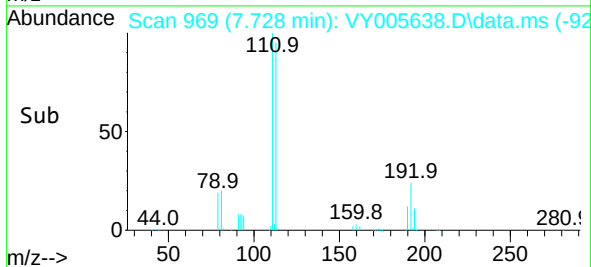
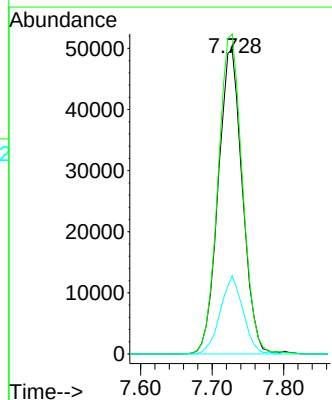
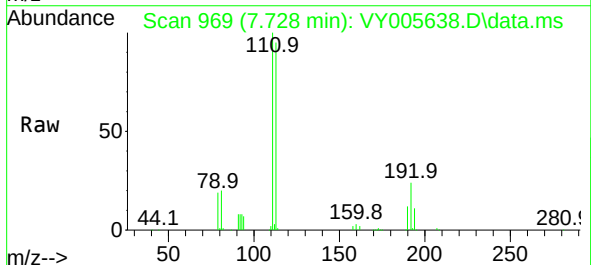
Instrument :
MSVOA_Y
ClientSampled :
31S

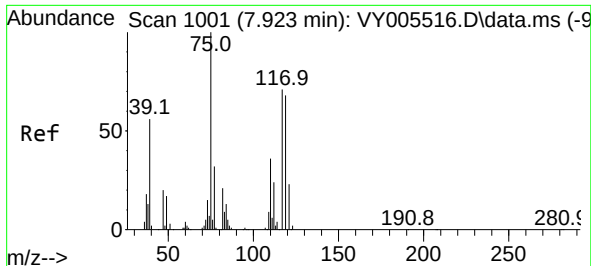
Tgt Ion:114 Resp: 391527
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.2
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.410 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Tgt Ion:113 Resp: 117078
Ion Ratio Lower Upper
113 100
111 105.7 81.9 122.9
192 24.1 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.429 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005638.D

Acq: 13 Aug 2021 16:52

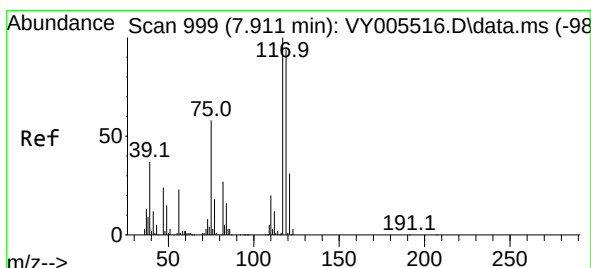
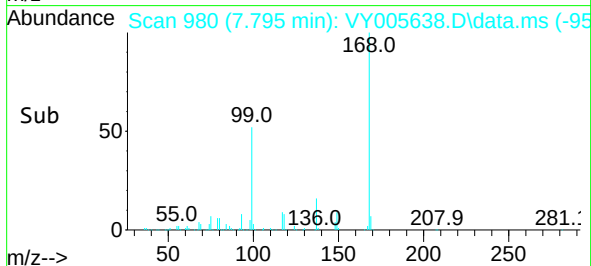
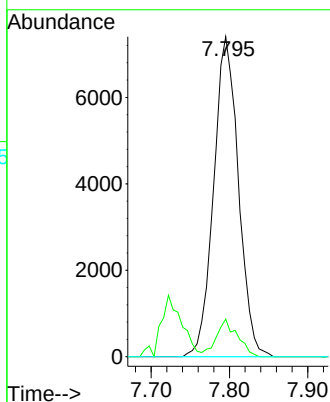
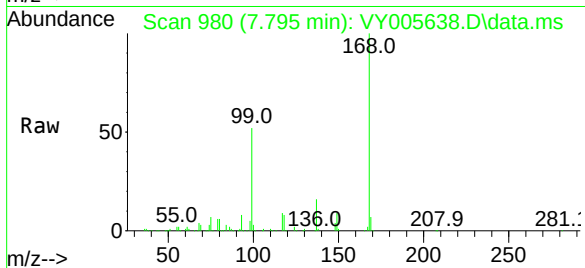
Instrument :

MSVOA_Y

ClientSampleId :

31S

Tgt Ion: 75	Resp: 16266
Ion Ratio	Lower Upper
75 100	
110 9.9	18.1 54.1#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.218 ug/l

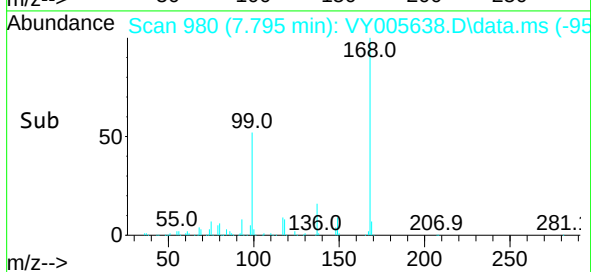
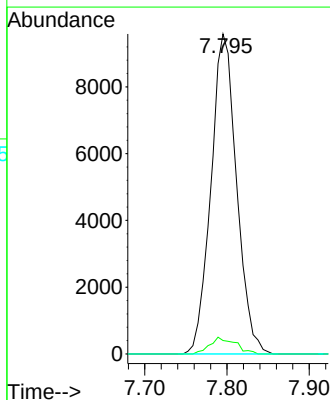
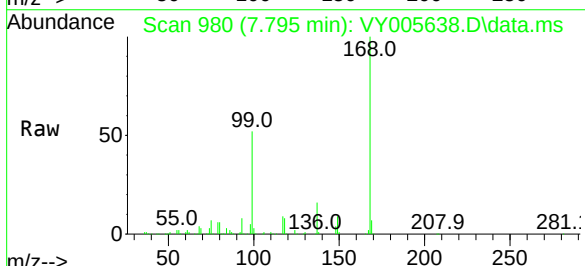
RT: 7.795 min Scan# 980

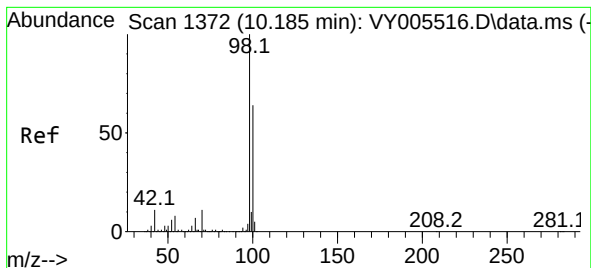
Delta R.T. -0.116 min

Lab File: VY005638.D

Acq: 13 Aug 2021 16:52

Tgt Ion: 117	Resp: 20824
Ion Ratio	Lower Upper
117 100	
119 4.2	75.4 113.0#
121 0.0	25.1 37.7#

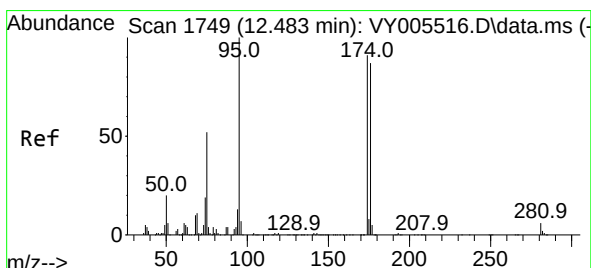
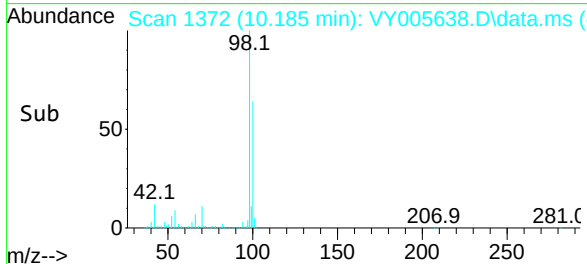
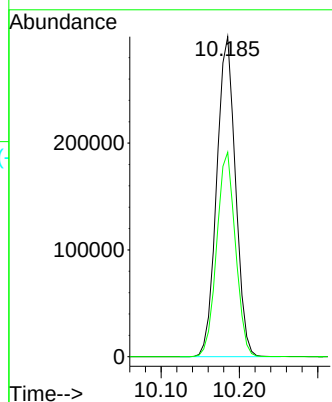
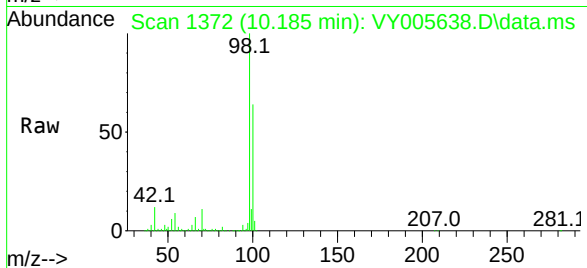




#50
Toluene-d8
Concen: 54.307 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

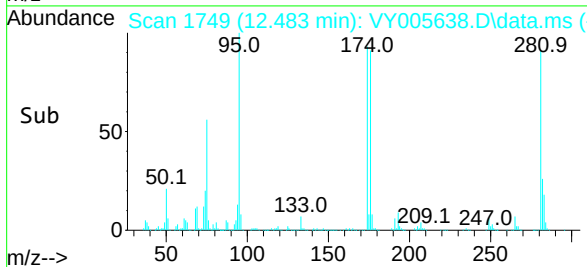
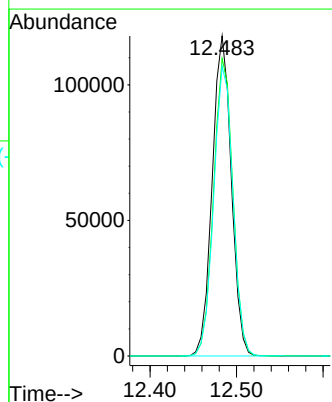
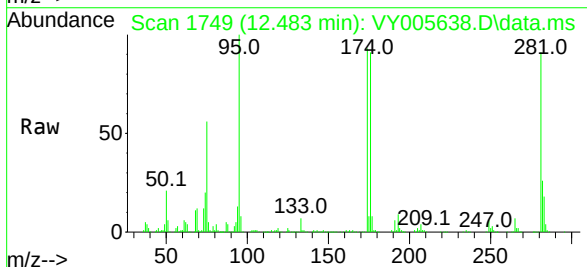
Instrument :
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ClientSampled :
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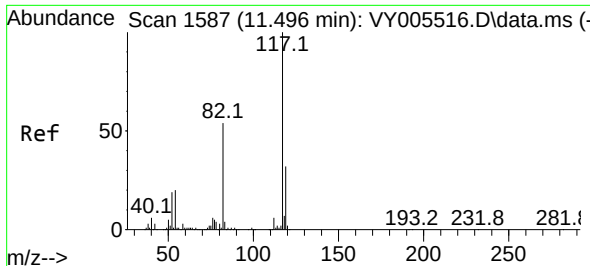
Tgt Ion: 98 Resp: 499269
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.288 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Tgt Ion: 95 Resp: 180494
Ion Ratio Lower Upper
95 100
174 93.9 0.0 191.4
176 91.4 0.0 183.6

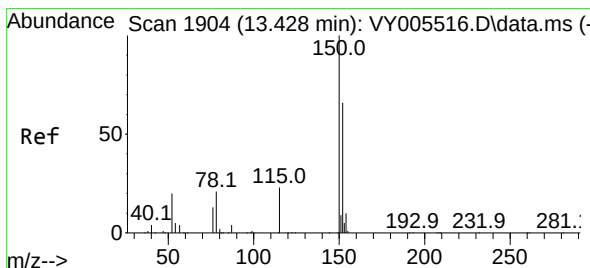
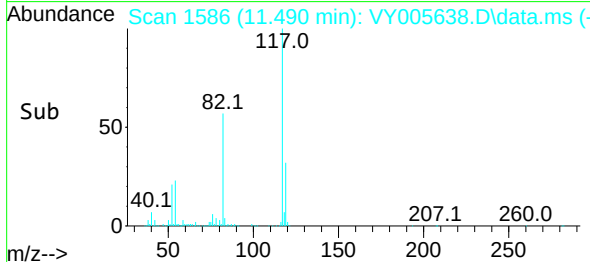
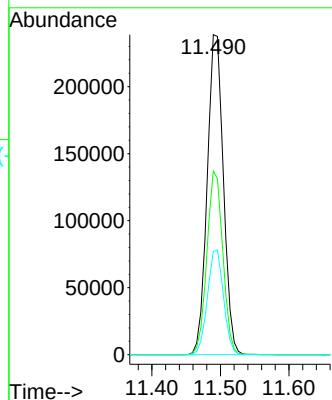
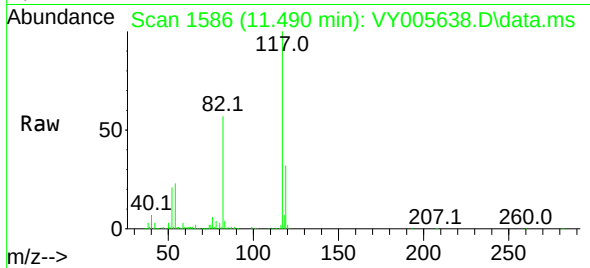




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

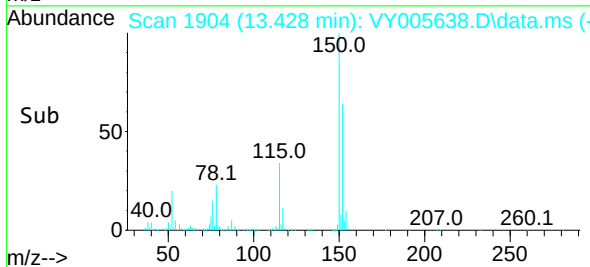
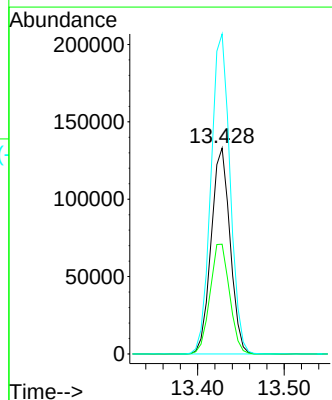
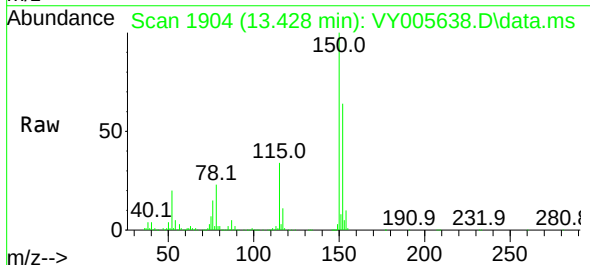
Instrument :
MSVOA_Y
ClientSampleId :
31S

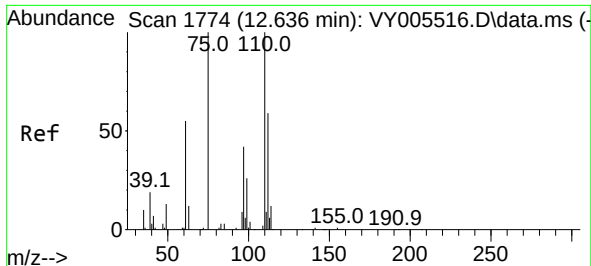
Tgt Ion:117 Resp: 392971
Ion Ratio Lower Upper
117 100
82 57.4 43.5 65.3
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Tgt Ion:152 Resp: 201976
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 157.0 0.0 350.2

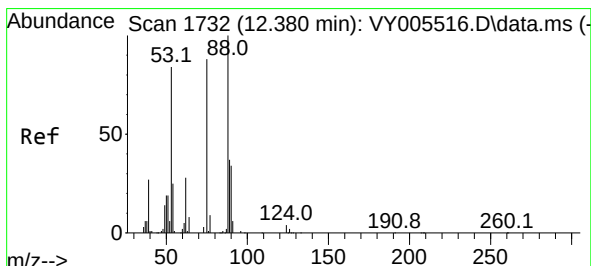
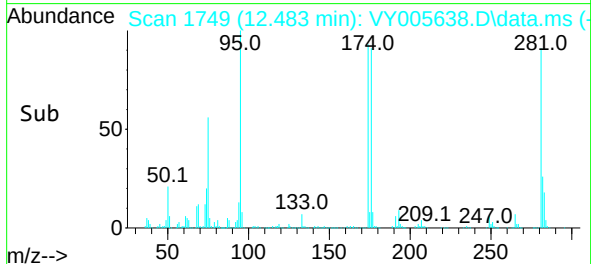
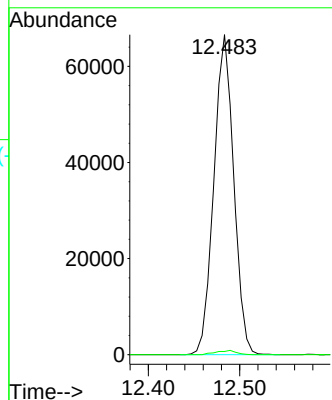
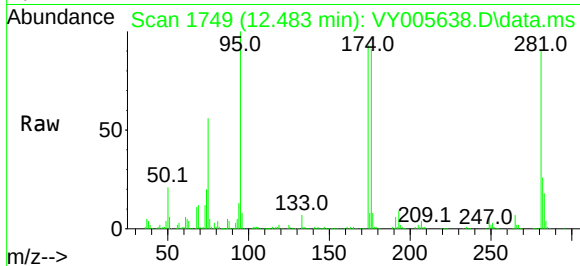




#76
1,2,3-Trichloropropane
Concen: 47.998 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Instrument :
MSVOA_Y
ClientSampled :
31S

Tgt Ion: 75 Resp: 100463
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.758 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Tgt Ion: 75 Resp: 100463
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.9 38.4 57.6#

