

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005574.D
 Acq On : 06 Aug 2021 16:35
 Operator : SY/MD
 Sample : M3310-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 07 06:19:56 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)

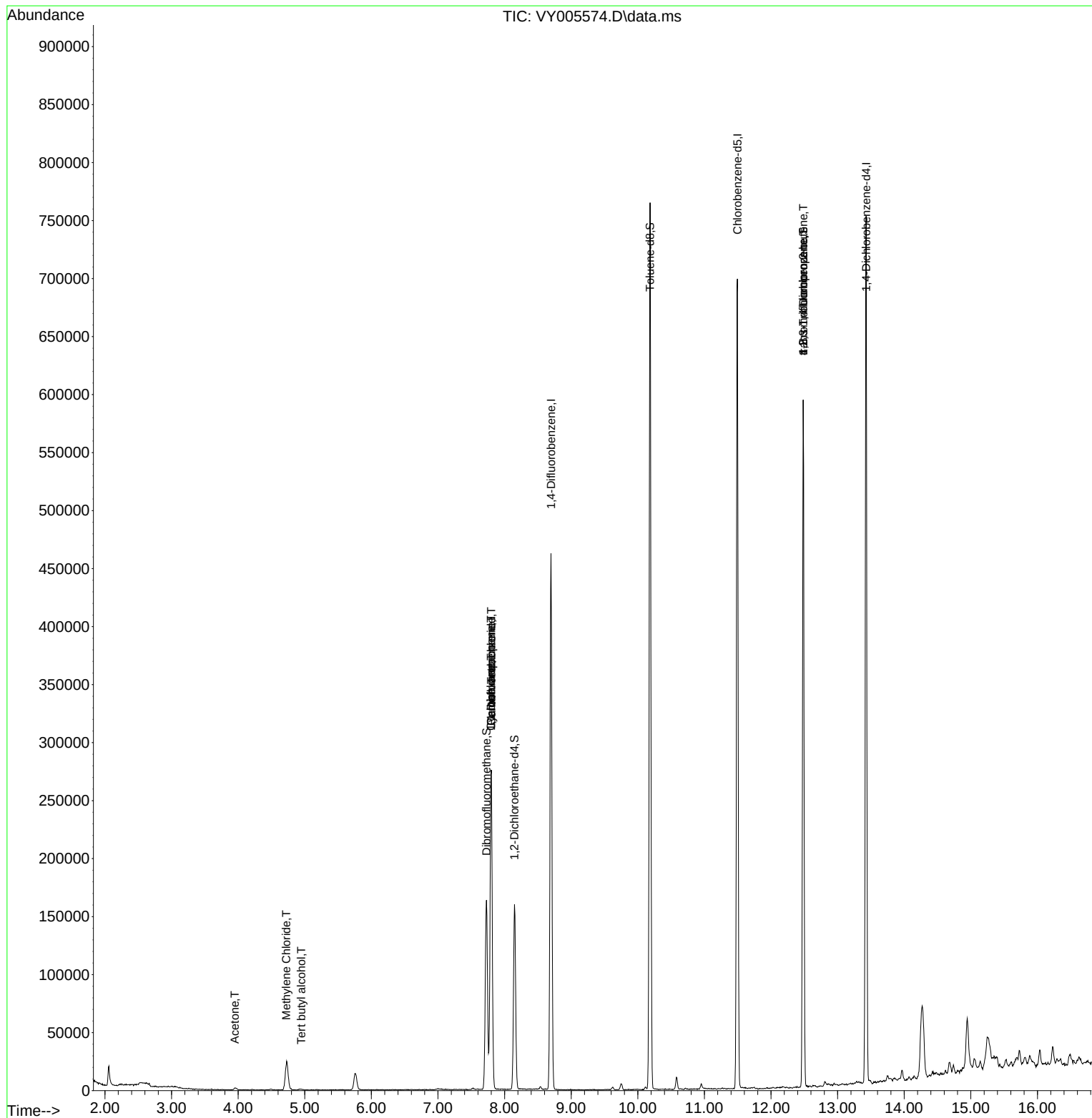
Internal Standards						
1) Pentafluorobenzene	7.801	168	228936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	386128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	380500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128700	55.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.080%	
35) Dibromofluoromethane	7.728	113	113925	52.698	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.400%	
50) Toluene-d8	10.185	98	491924	54.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.520%	
62) 4-Bromofluorobenzene	12.483	95	169416	56.427	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	597	2.606	ug/l #	73
16) Acetone	3.948	43	2838	4.857	ug/l #	87
20) Methylene Chloride	4.722	84	17493	1.694	ug/l	86
31) Cyclohexane	7.795	56	4467	1.124	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	16667	4.602	ug/l #	50
38) Carbon Tetrachloride	7.801	117	20552	5.221	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	91959	46.393	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91959	93.523	ug/l #	11

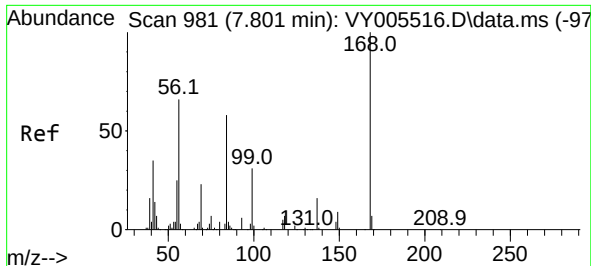
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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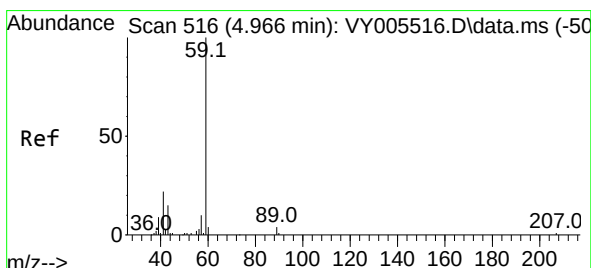
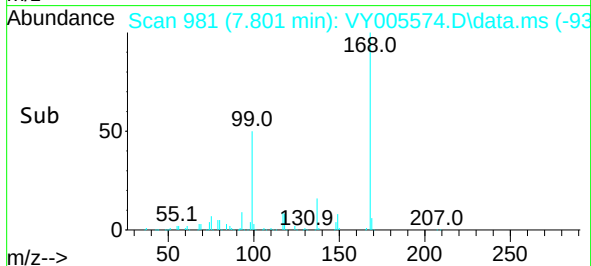
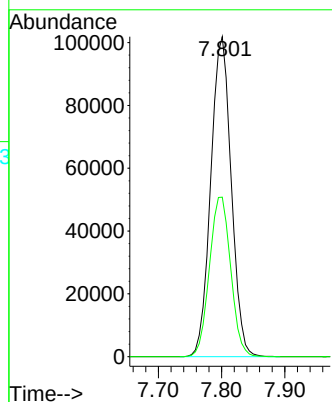
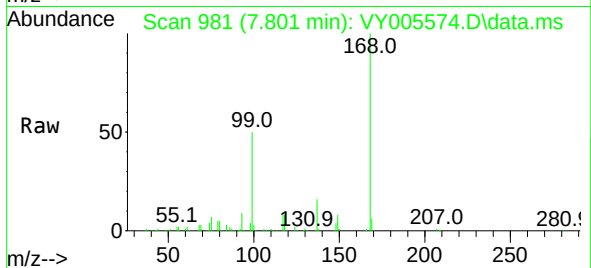




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

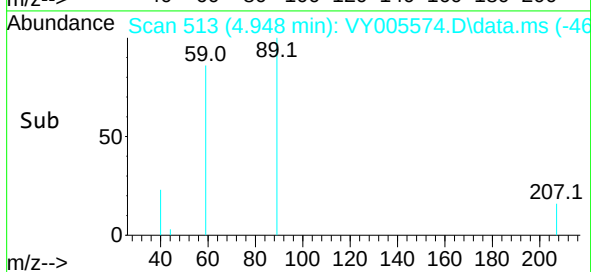
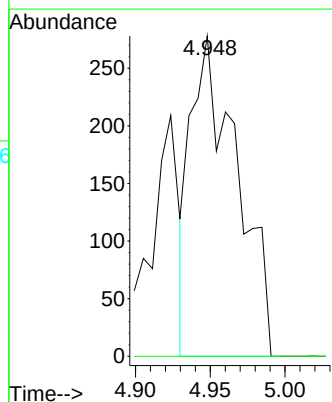
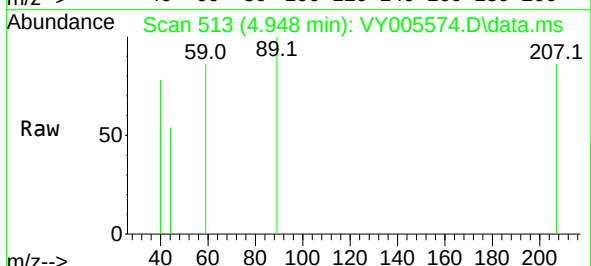
Instrument :
MSVOA_Y
ClientSampleId :

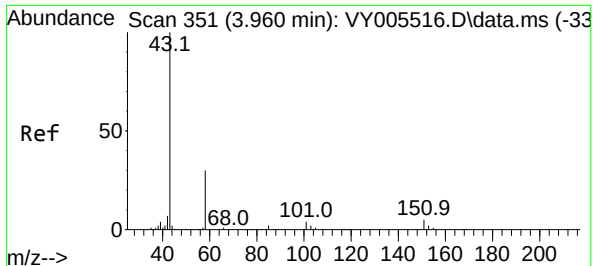
Tgt Ion:168 Resp: 228936
Ion Ratio Lower Upper
168 100
99 49.8 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.606 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

Tgt Ion: 59 Resp: 597
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

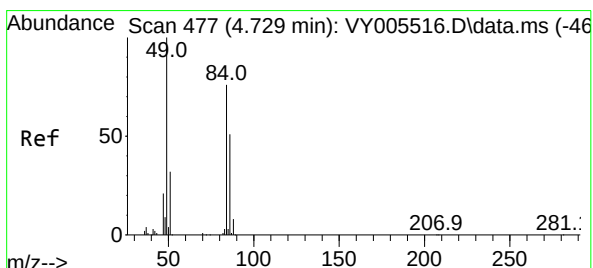
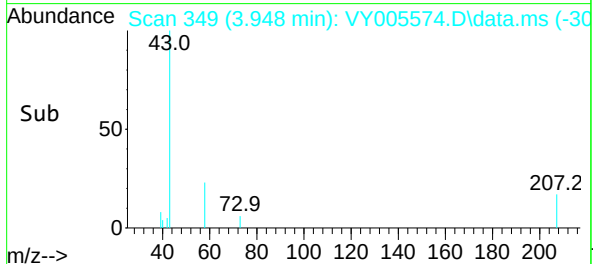
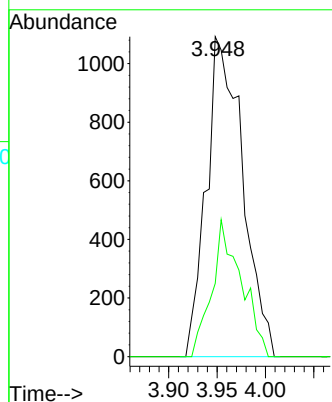
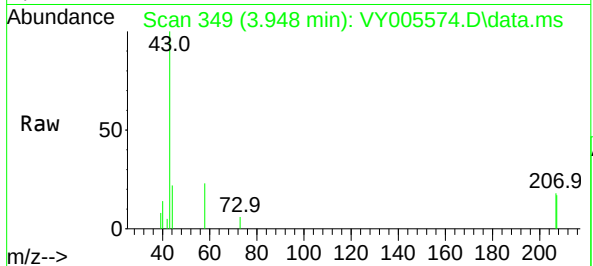




#16
Acetone
Concen: 4.857 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

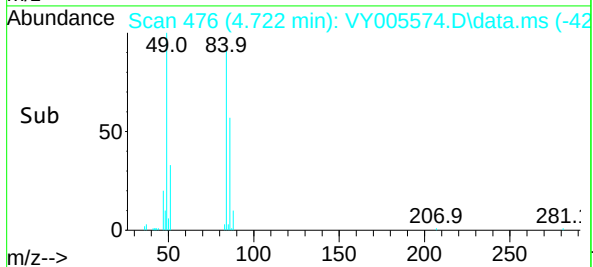
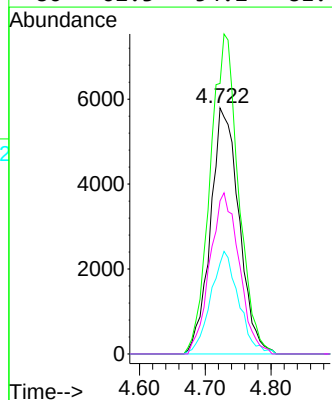
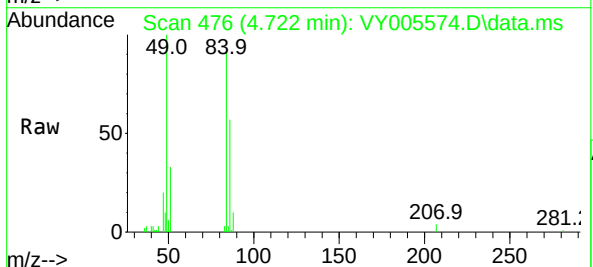
Instrument :
MSVOA_Y
ClientSampled :

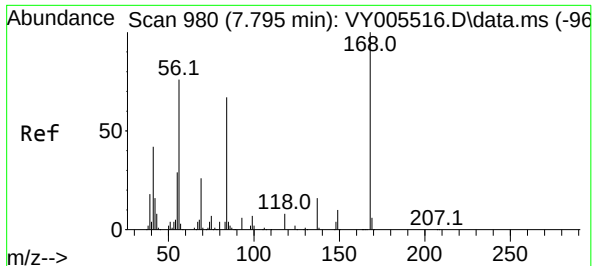
Tgt Ion: 43 Resp: 2838
Ion Ratio Lower Upper
43 100
58 22.9 23.8 35.6#



#20
Methylene Chloride
Concen: 1.694 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

Tgt Ion: 84 Resp: 17493
Ion Ratio Lower Upper
84 100
49 110.0 105.8 158.6
51 36.9 33.4 50.2
86 62.3 54.2 81.4

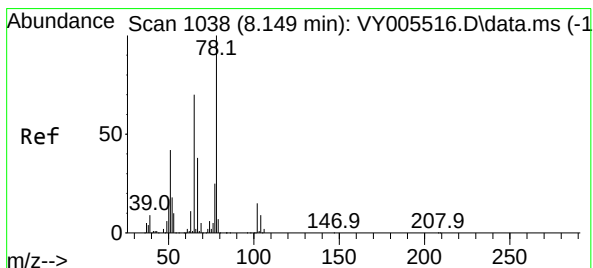
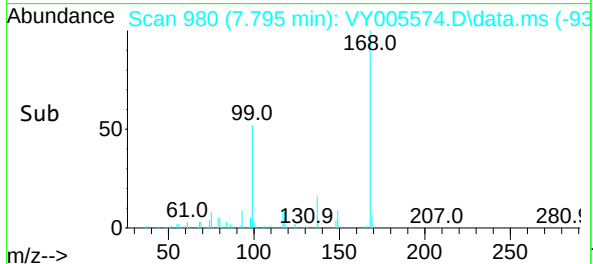
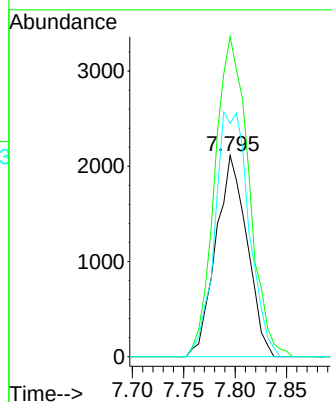
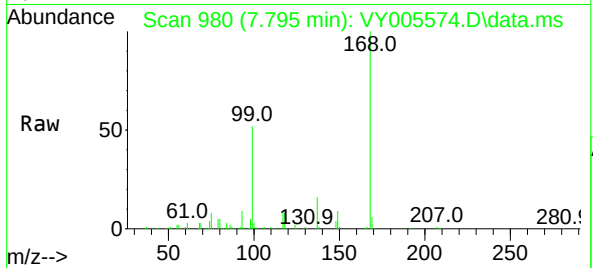




#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

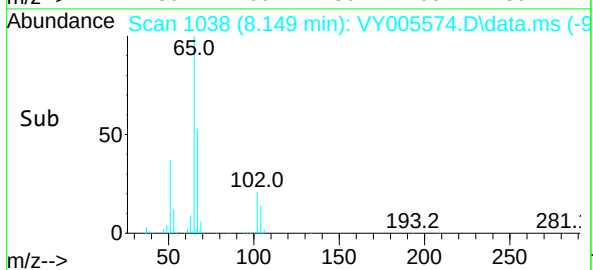
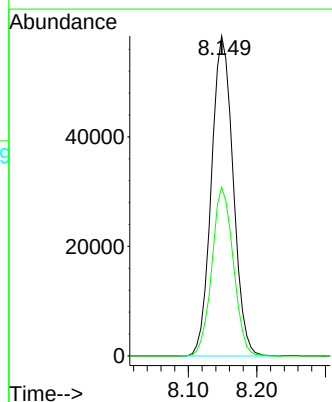
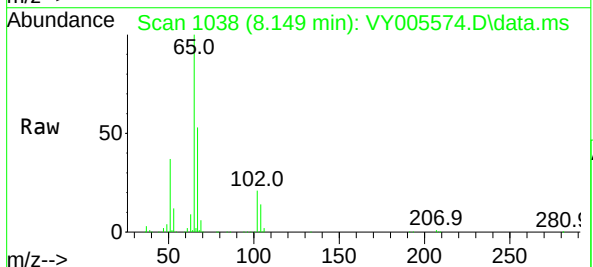
Instrument :
MSVOA_Y
ClientSampleId :

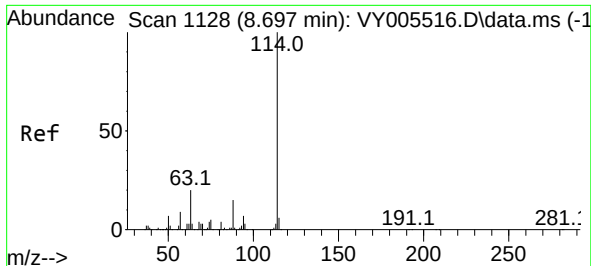
Tgt Ion: 56 Resp: 4467
Ion Ratio Lower Upper
56 100
69 159.1 27.7 41.5#
84 116.1 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 55.536 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

Tgt Ion: 65 Resp: 128700
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

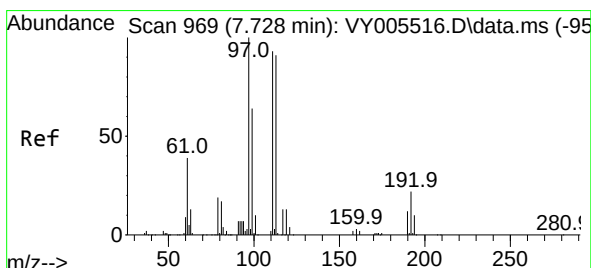
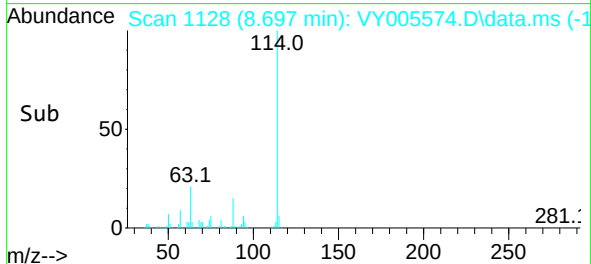
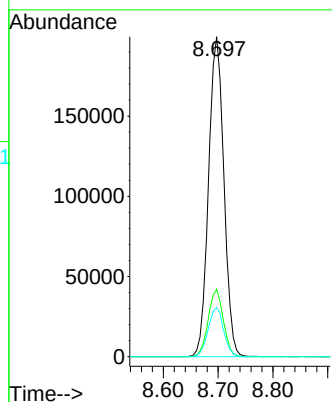
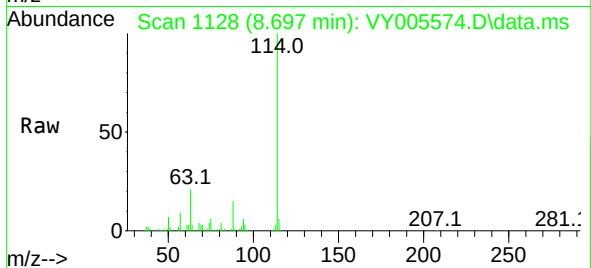




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

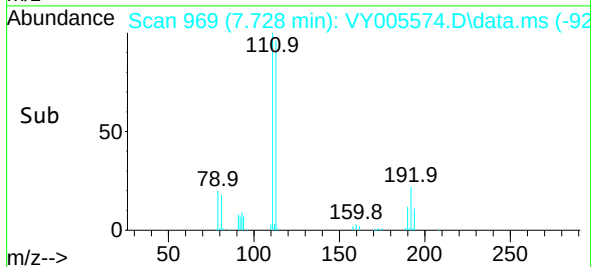
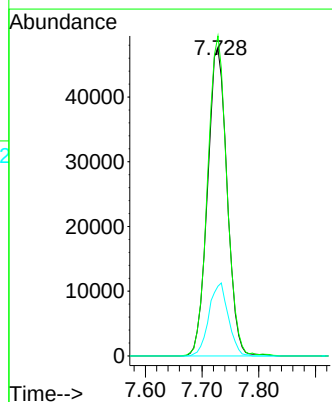
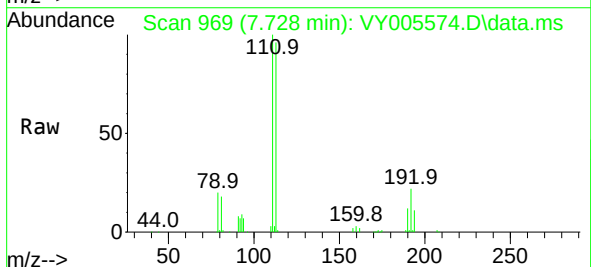
Instrument :
MSVOA_Y
ClientSampleId :

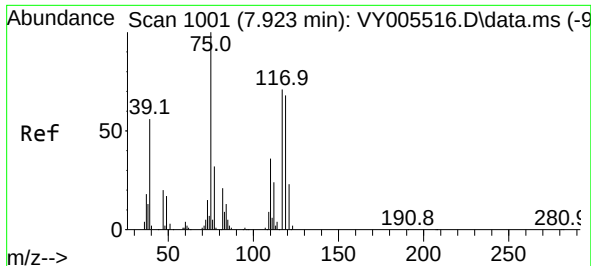
Tgt Ion:114 Resp: 386128
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.2
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.698 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

Tgt Ion:113 Resp: 113925
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 23.4 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.602 ug/l

RT: 7.795 min Scan# 980

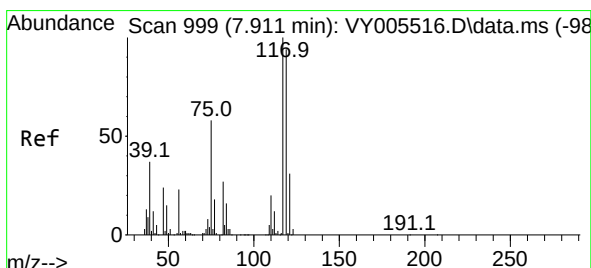
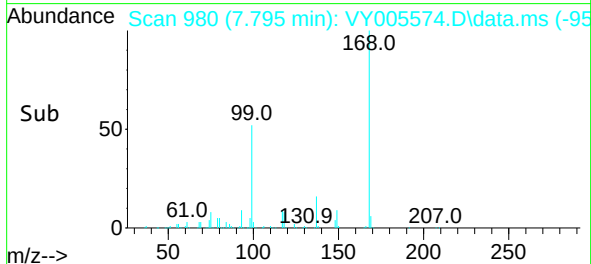
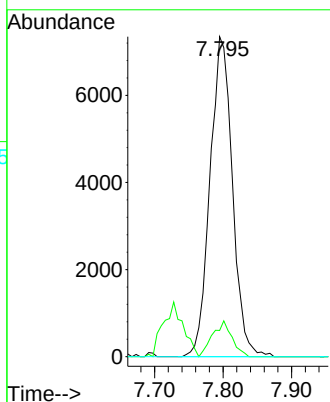
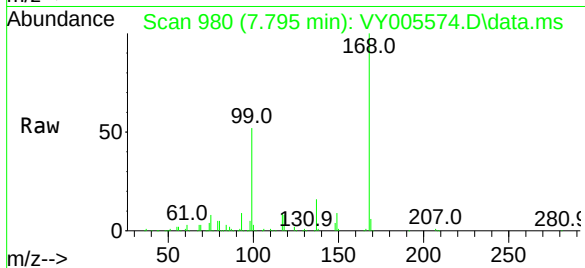
Delta R.T. -0.128 min

Lab File: VY005574.D

Acq: 06 Aug 2021 16:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75	Resp: 16667
Ion Ratio	Lower Upper
75 100	
110 9.7	18.1 54.1#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.221 ug/l

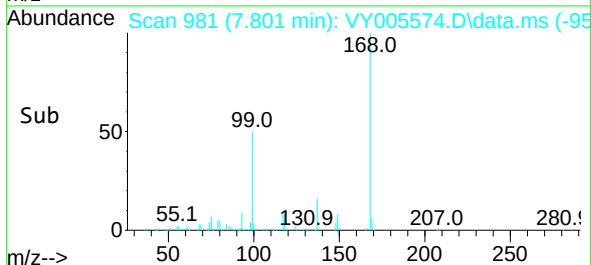
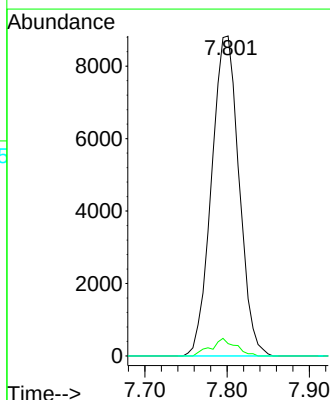
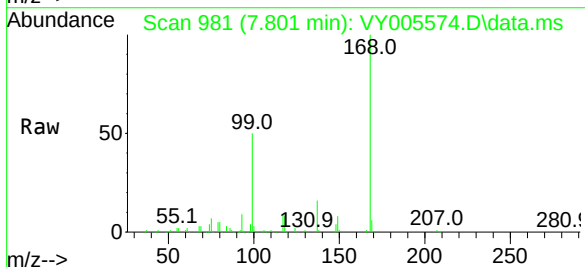
RT: 7.801 min Scan# 981

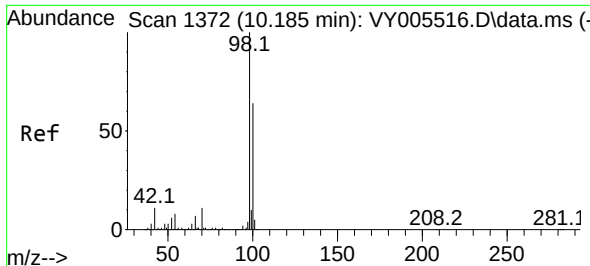
Delta R.T. -0.110 min

Lab File: VY005574.D

Acq: 06 Aug 2021 16:35

Tgt Ion: 117	Resp: 20552
Ion Ratio	Lower Upper
117 100	
119 3.9	75.4 113.0#
121 0.0	25.1 37.7#

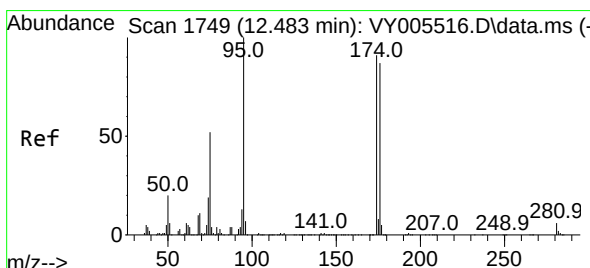
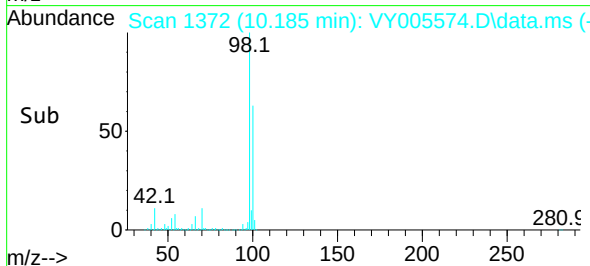
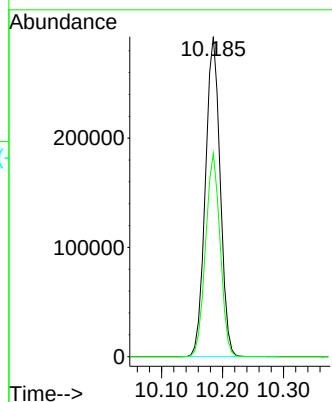
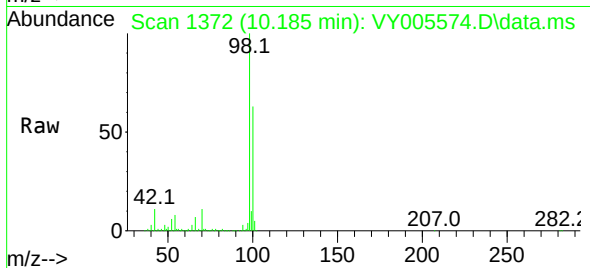




#50
Toluene-d8
Concen: 54.257 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

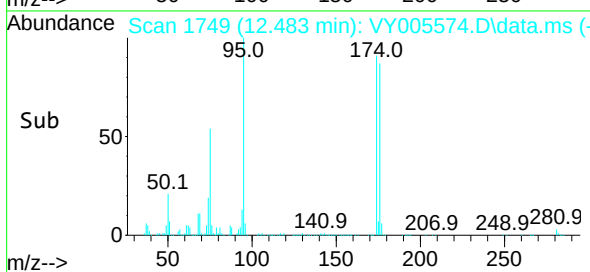
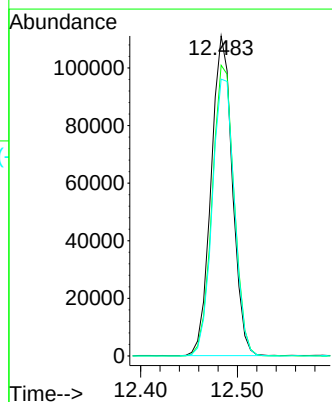
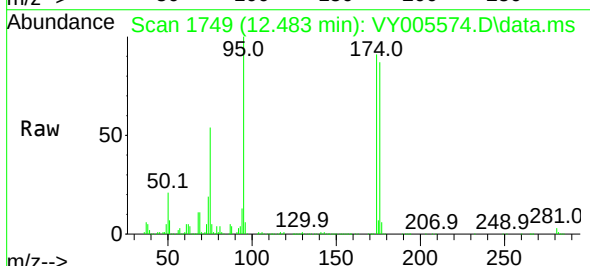
Instrument :
MSVOA_Y
ClientSampleId :

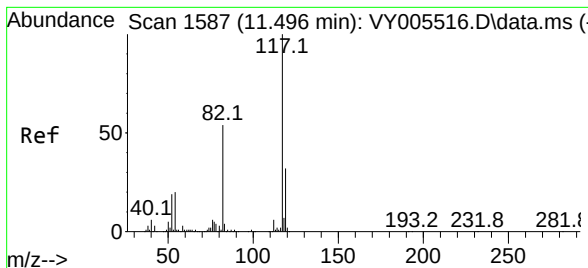
Tgt Ion: 98 Resp: 491924
Ion Ratio Lower Upper
98 100
100 62.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 56.427 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

Tgt Ion: 95 Resp: 169416
Ion Ratio Lower Upper
95 100
174 93.4 0.0 191.4
176 90.1 0.0 183.6

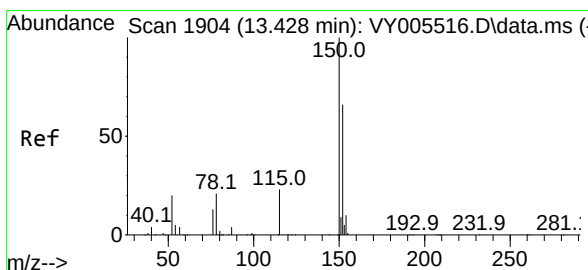
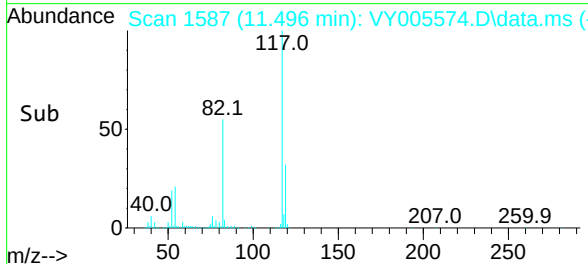
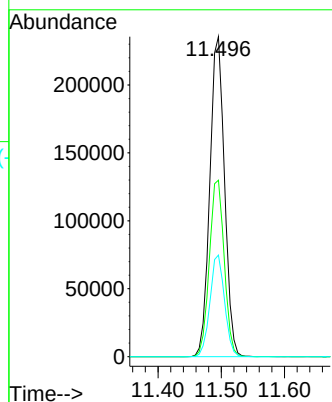
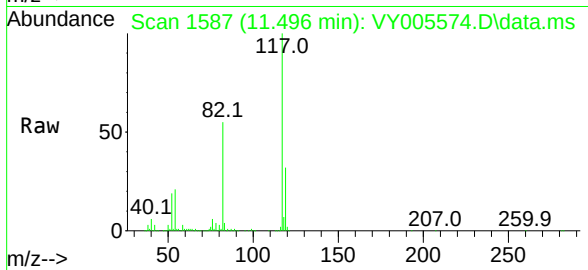




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

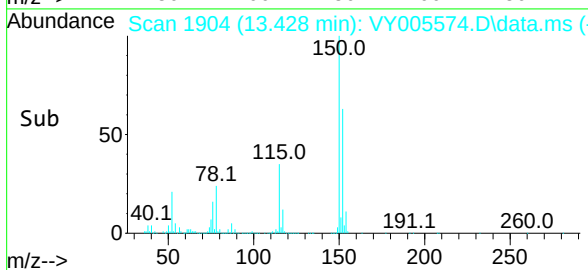
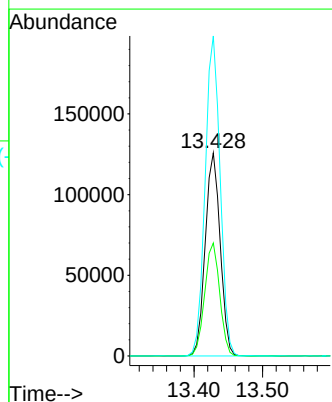
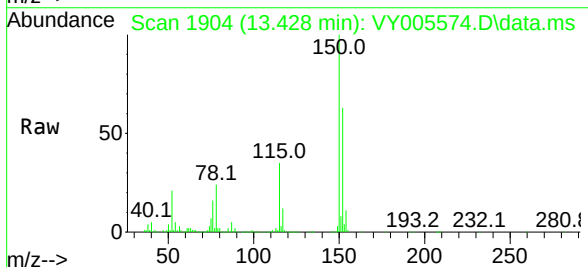
Instrument :
MSVOA_Y
ClientSampled :

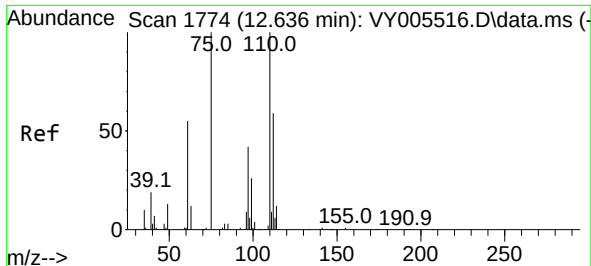
Tgt Ion:117 Resp: 380500
Ion Ratio Lower Upper
117 100
82 55.1 43.5 65.3
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

Tgt Ion:152 Resp: 191275
Ion Ratio Lower Upper
152 100
115 56.1 27.3 81.9
150 158.0 0.0 350.2

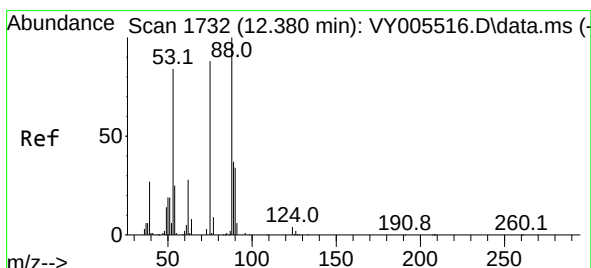
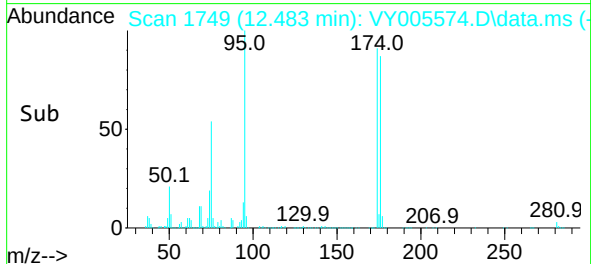
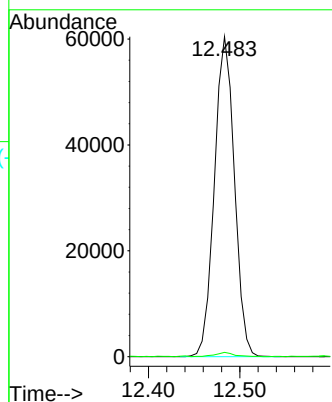
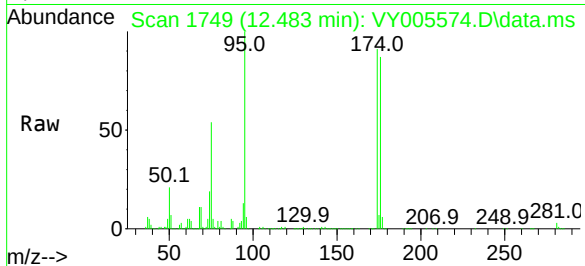




#76
1,2,3-Trichloropropane
Concen: 46.393 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 91959
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.523 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005574.D
Acq: 06 Aug 2021 16:35

Tgt Ion: 75 Resp: 91959
Ion Ratio Lower Upper
75 100
53 0.2 76.7 115.1#
89 0.0 38.4 57.6#

