

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005089.D
 Acq On : 10 Jun 2021 19:57
 Operator : SY/MD
 Sample : M2673-02
 Misc : 8.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:08:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

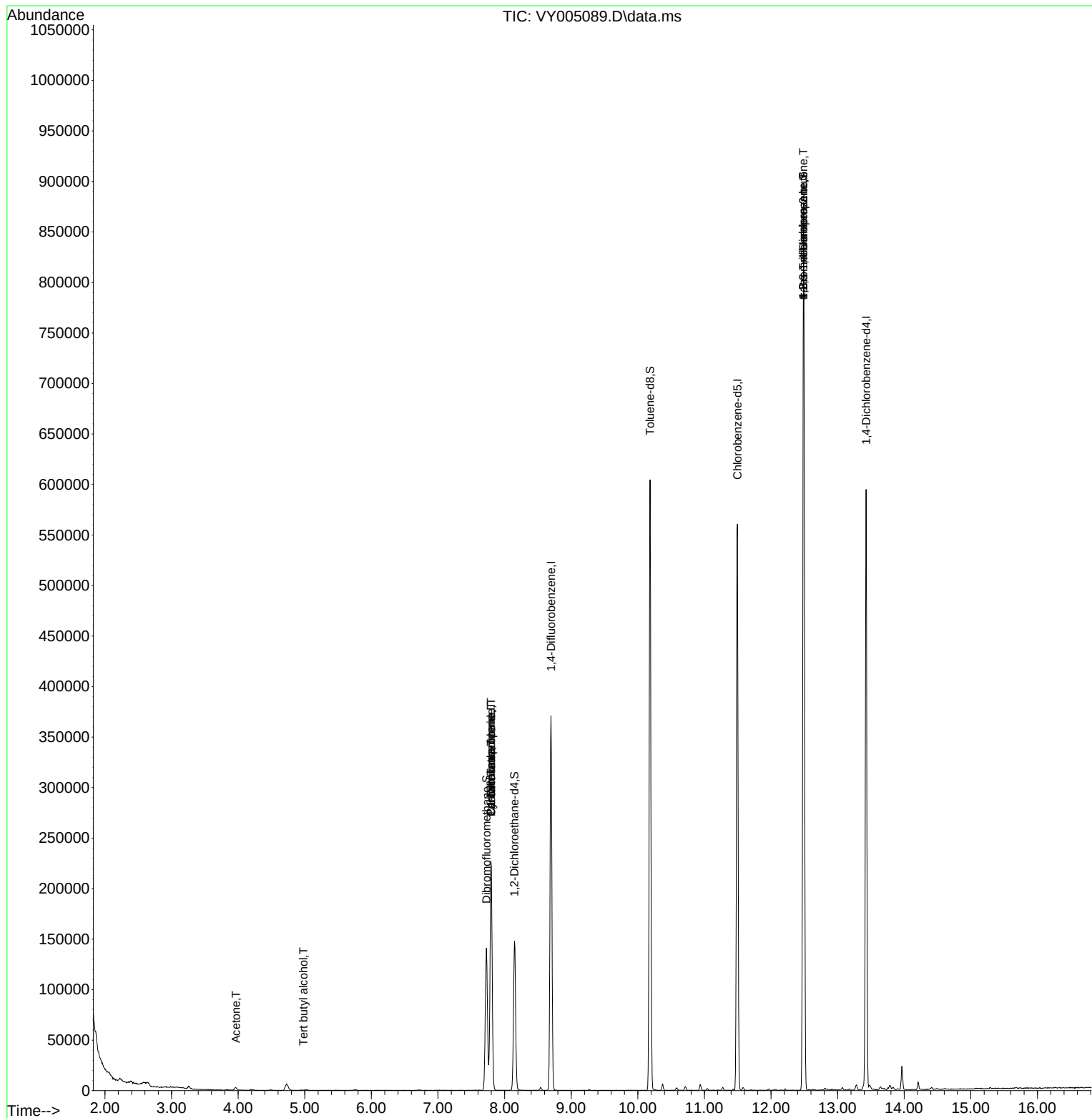
Internal Standards						
1) Pentafluorobenzene	7.795	168	173017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	312349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115733	63.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.540%	
35) Dibromofluoromethane	7.728	113	98226	57.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.980%	
50) Toluene-d8	10.185	98	393547	55.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.880%	
62) 4-Bromofluorobenzene	12.483	95	136597	56.461	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	338	1.607	ug/l #	74
16) Acetone	3.966	43	4277	9.714	ug/l #	88
20) Methylene Chloride	4.728	84	4921	Below Cal		91
31) Cyclohexane	7.795	56	3549	1.102	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13439	4.362	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17708	6.604	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	77044	47.775	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77044	87.799	ug/l #	16

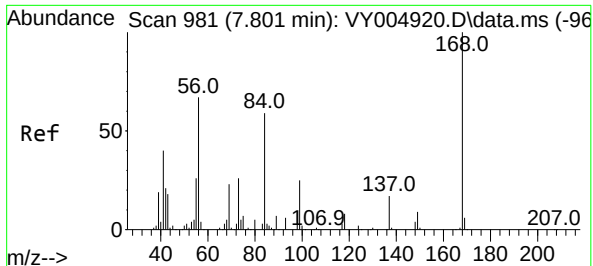
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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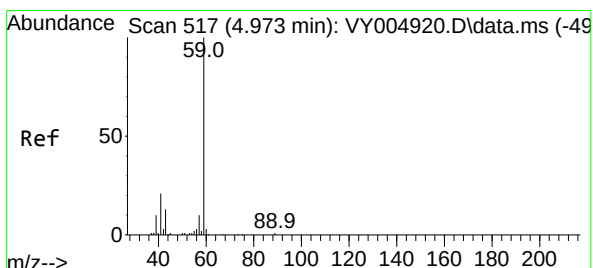
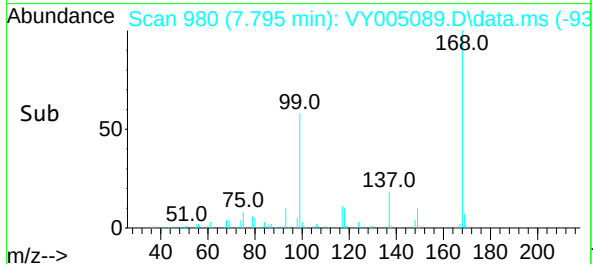
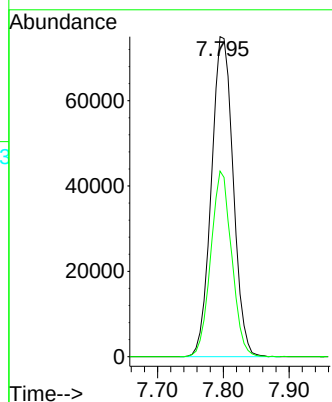
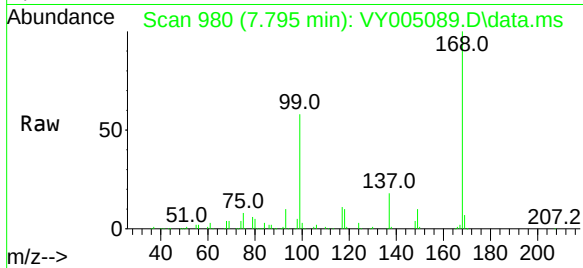




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57

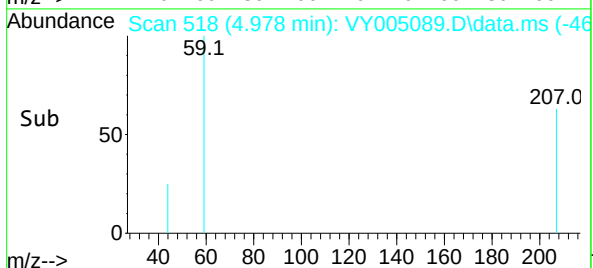
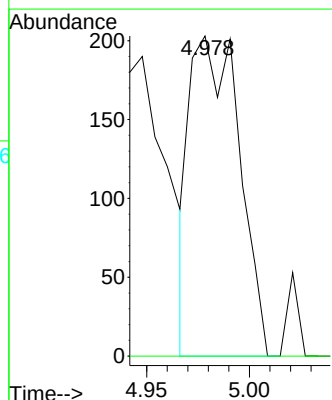
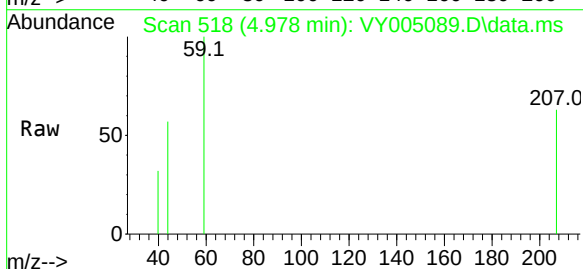
Instrument :
MSVOA_Y
ClientSampleId :

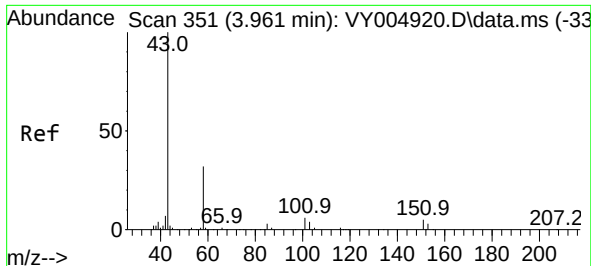
Tgt Ion:168 Resp: 173017
Ion Ratio Lower Upper
168 100
99 58.0 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.607 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.005 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57

Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

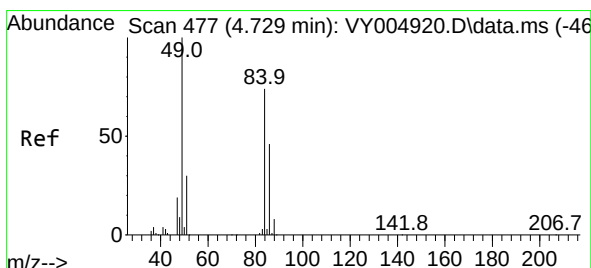
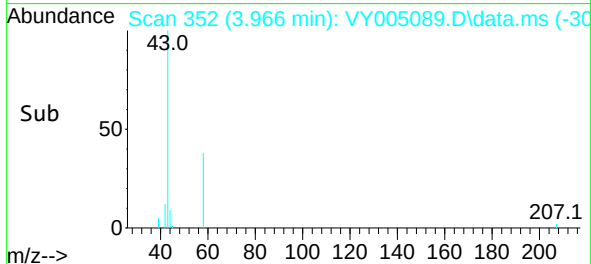
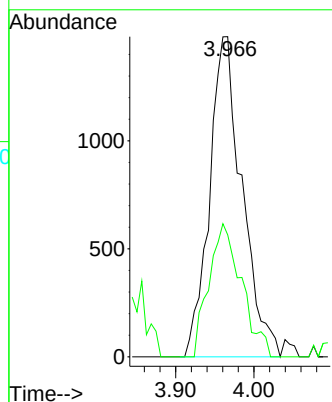
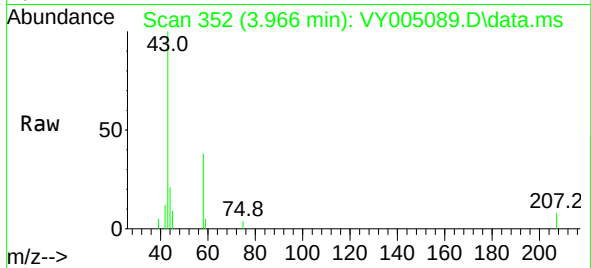




#16
Acetone
Concen: 9.714 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57

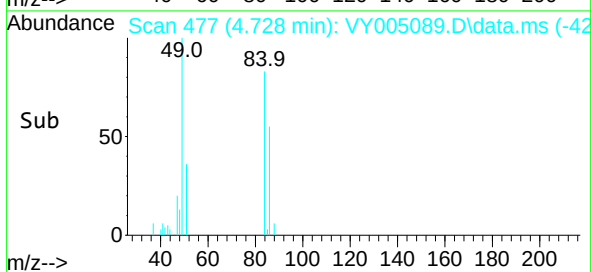
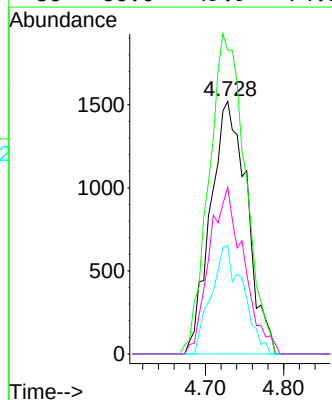
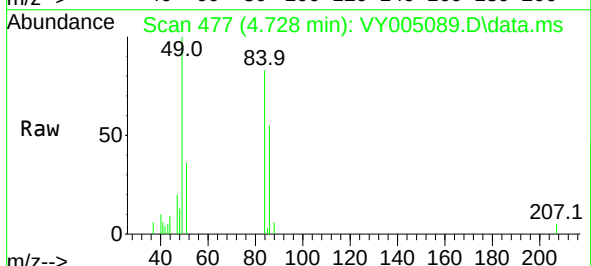
Instrument :
MSVOA_Y
ClientSampled :

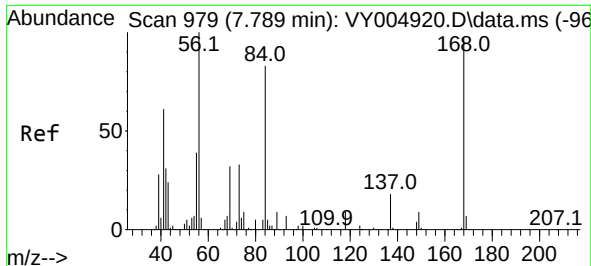
Tgt Ion: 43 Resp: 4277
Ion Ratio Lower Upper
43 100
58 38.1 25.3 37.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57

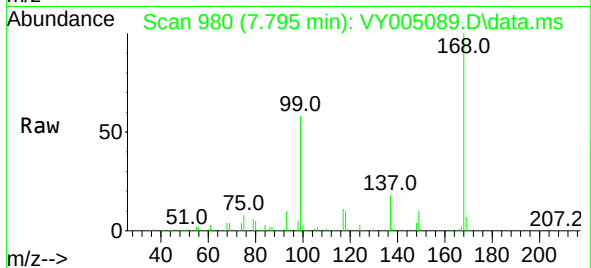
Tgt Ion: 84 Resp: 4921
Ion Ratio Lower Upper
84 100
49 120.2 108.0 162.0
51 42.9 32.6 48.8
86 66.0 49.9 74.9



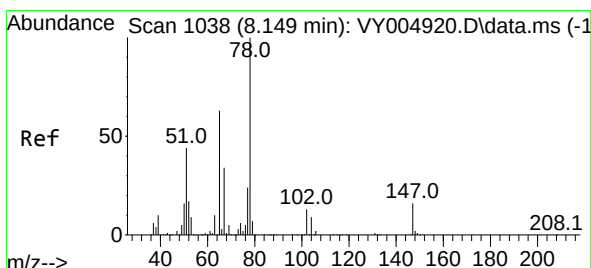
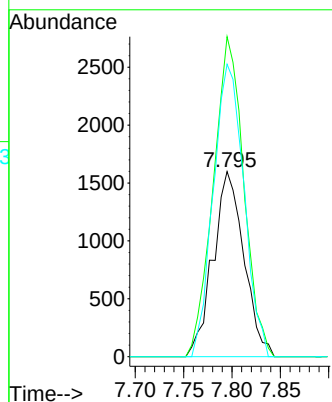
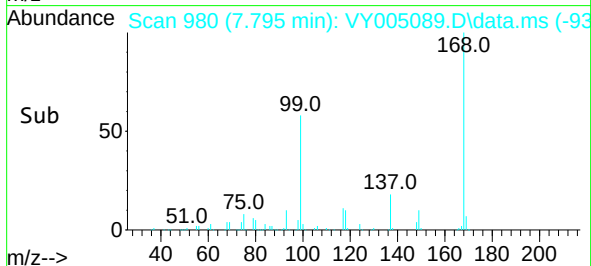


#31
Cyclohexane
Concen: 1.102 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57

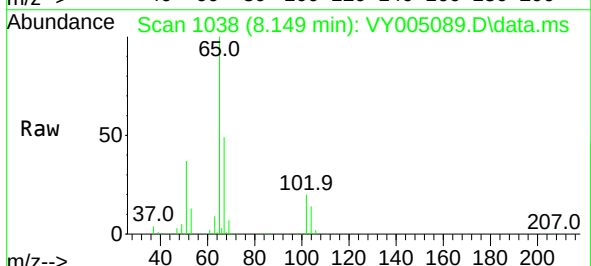
Instrument :
MSVOA_Y
ClientSampleId :



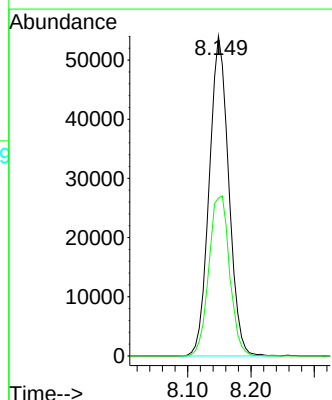
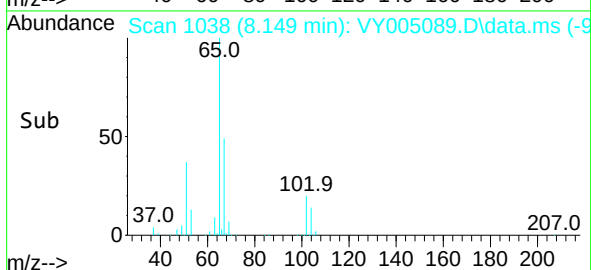
Tgt Ion: 56 Resp: 3549
Ion Ratio Lower Upper
56 100
69 172.9 25.3 37.9#
84 158.0 66.2 99.4#

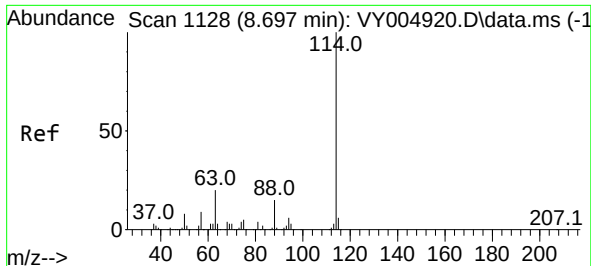


#33
1,2-Dichloroethane-d4
Concen: 63.273 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57



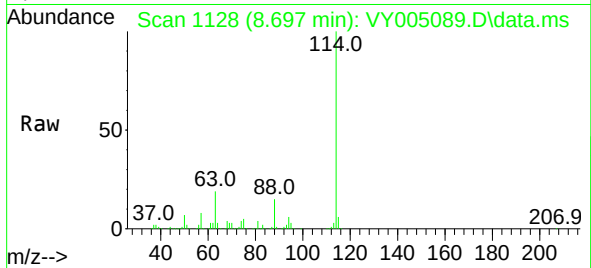
Tgt Ion: 65 Resp: 115733
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.6



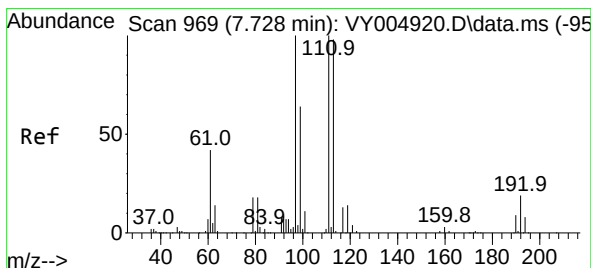
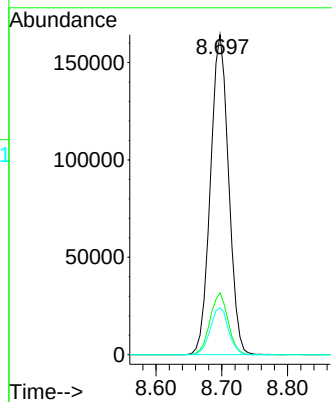
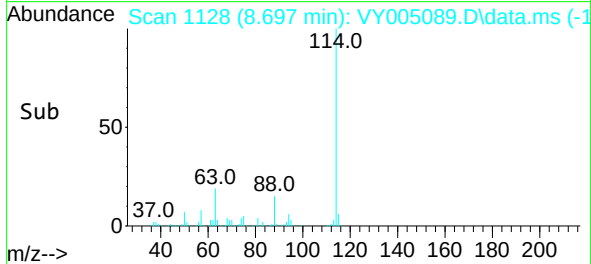


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57

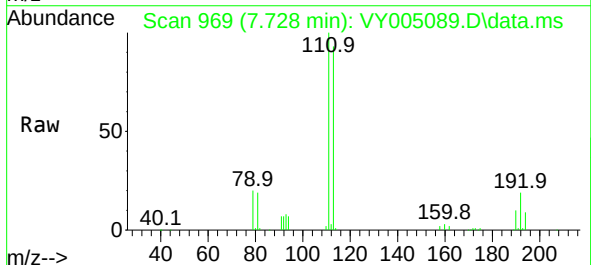
Instrument :
MSVOA_Y
ClientSampled :



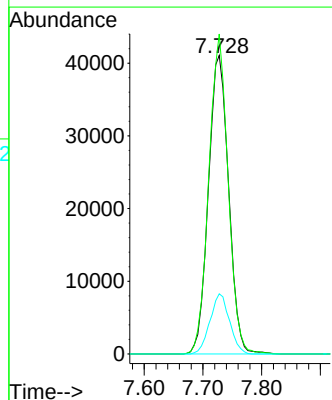
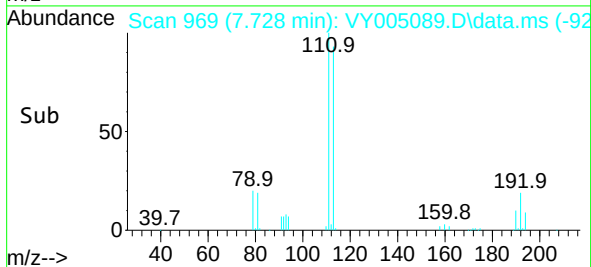
Tgt Ion:114 Resp: 314825
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.0
88 14.7 0.0 30.6

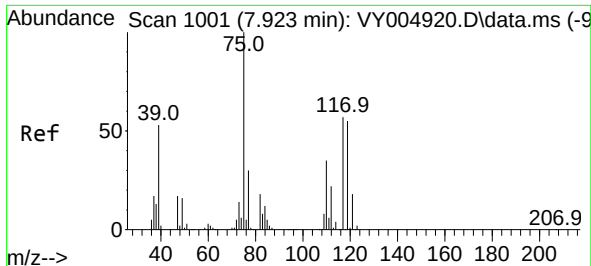


#35
Dibromofluoromethane
Concen: 57.992 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57



Tgt Ion:113 Resp: 98226
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 19.5 15.3 22.9

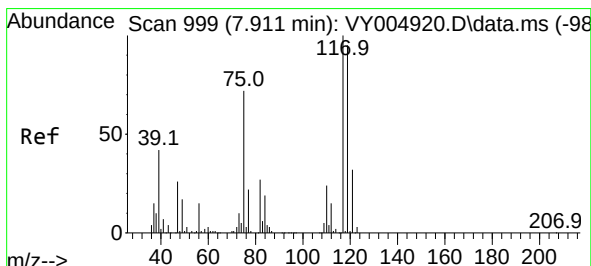
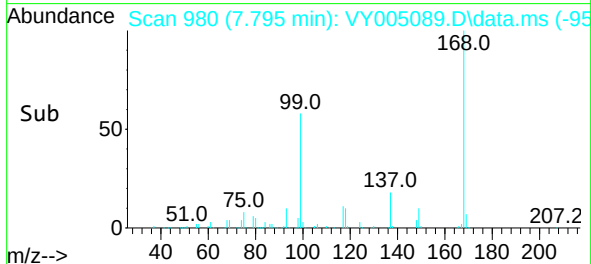
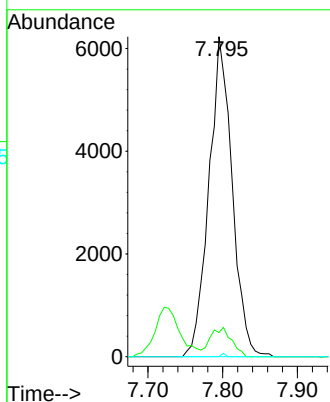
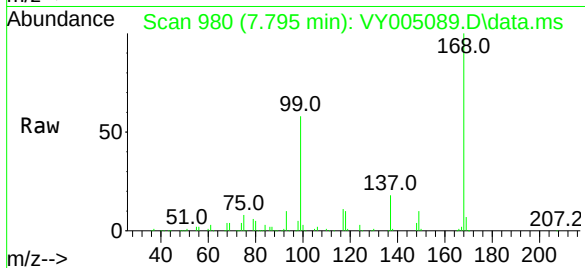




#36
 1,1-Dichloropropene
 Concen: 4.362 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005089.D
 Acq: 10 Jun 2021 19:57

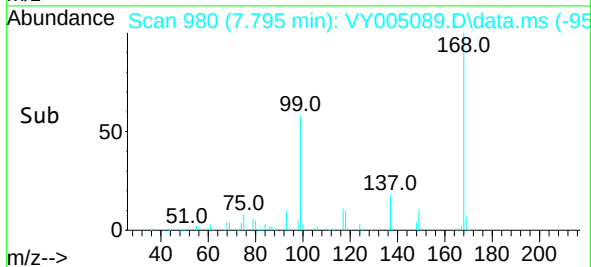
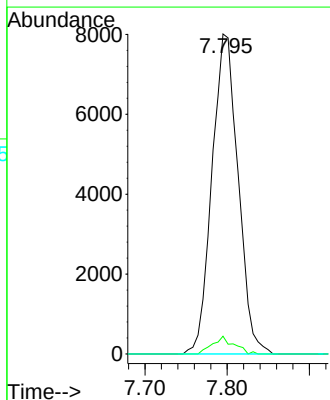
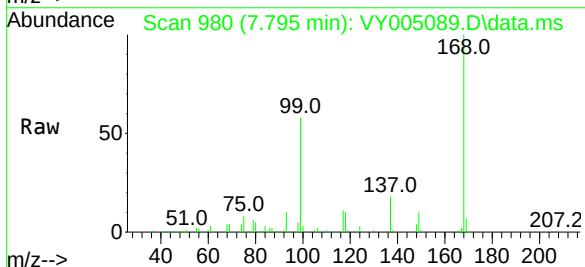
Instrument :
 MSVOA_Y
 ClientSampleId :

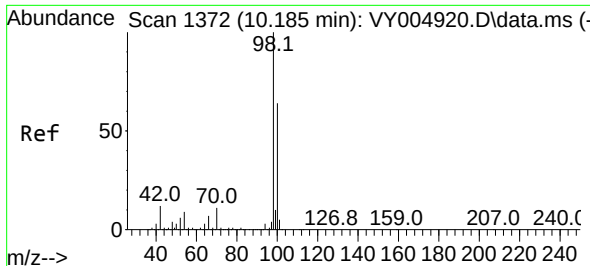
Tgt Ion: 75	Resp:	13439
Ion Ratio	Lower	Upper
75	100	
110	8.3	17.5 52.5#
77	0.2	25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.604 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005089.D
 Acq: 10 Jun 2021 19:57

Tgt Ion: 117	Resp:	17708
Ion Ratio	Lower	Upper
117	100	
119	5.6	76.1 114.1#
121	0.0	25.5 38.3#

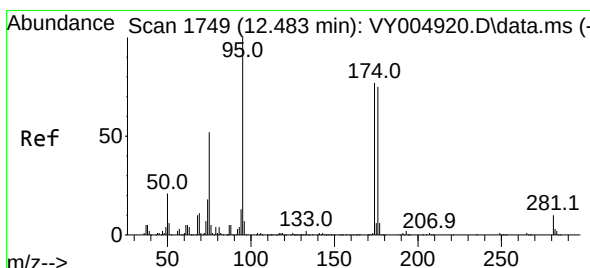
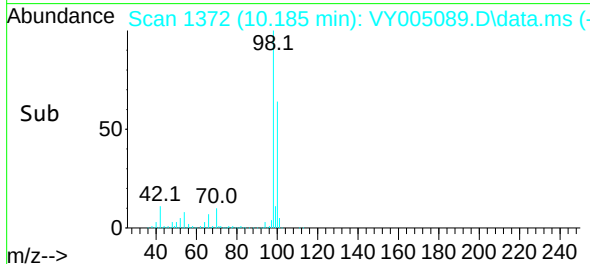
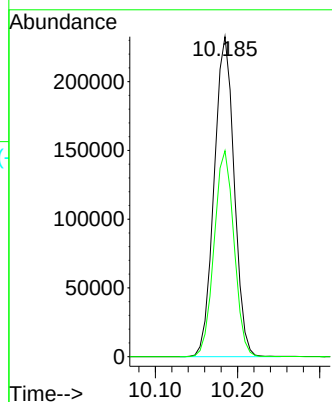
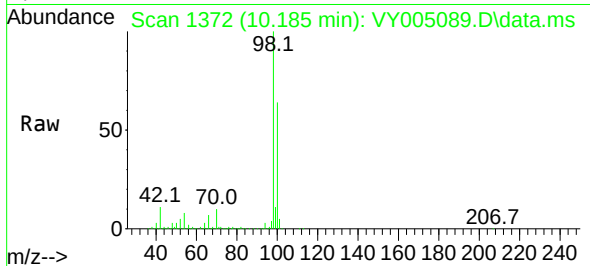




#50
Toluene-d8
Concen: 55.945 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57

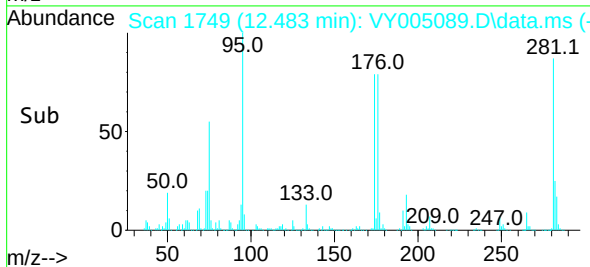
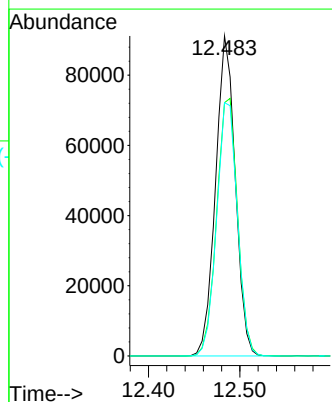
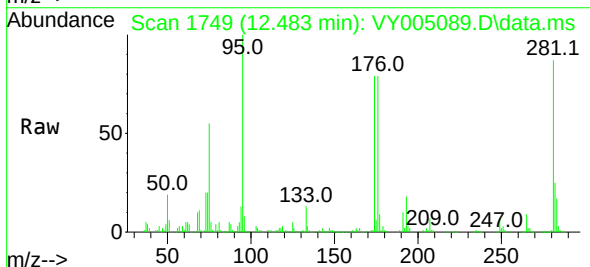
Instrument :
MSVOA_Y
ClientSampleId :

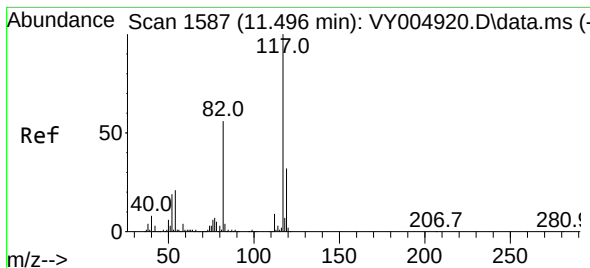
Tgt Ion: 98 Resp: 393547
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.461 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57

Tgt Ion: 95 Resp: 136597
Ion Ratio Lower Upper
95 100
174 85.4 0.0 160.8
176 83.5 0.0 155.6

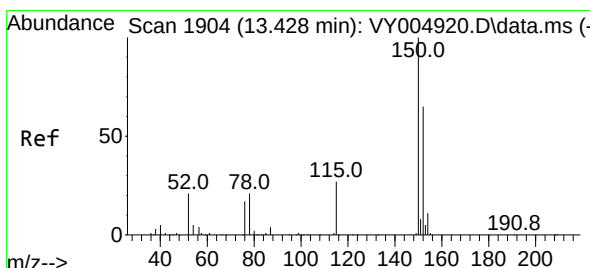
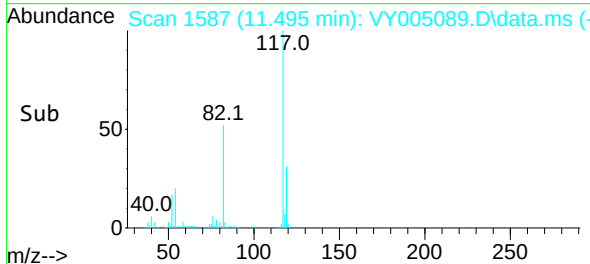
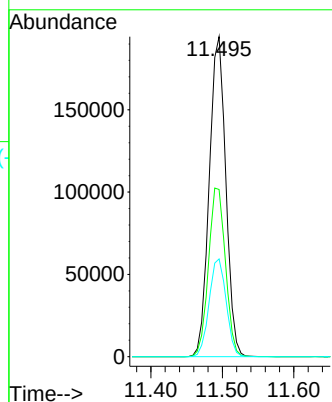
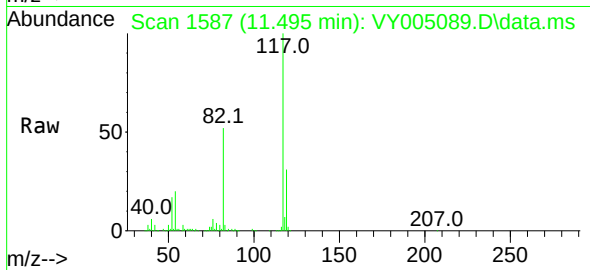




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57

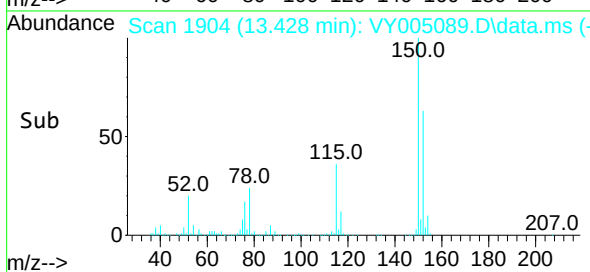
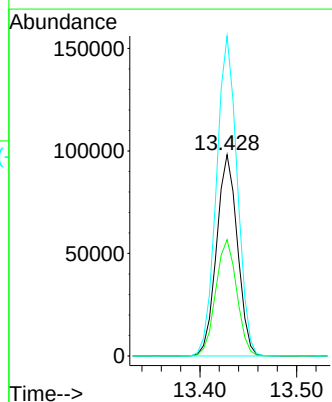
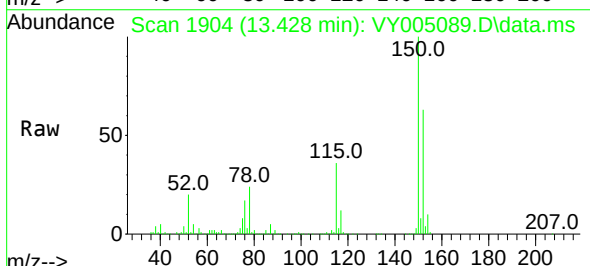
Instrument :
MSVOA_Y
ClientSampleId :

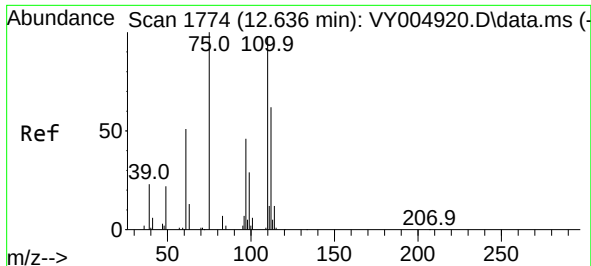
Tgt Ion:117 Resp: 312349
Ion Ratio Lower Upper
117 100
82 52.2 44.8 67.2
119 30.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57

Tgt Ion:152 Resp: 147114
Ion Ratio Lower Upper
152 100
115 58.2 29.9 89.7
150 158.1 0.0 347.8

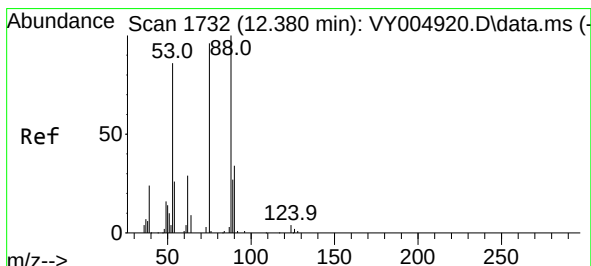
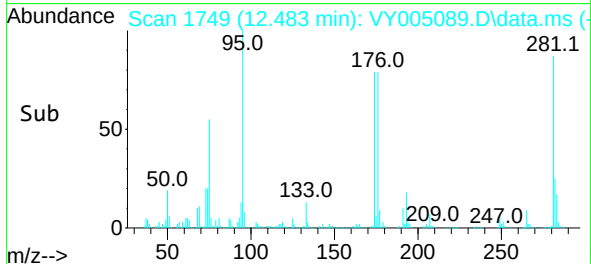
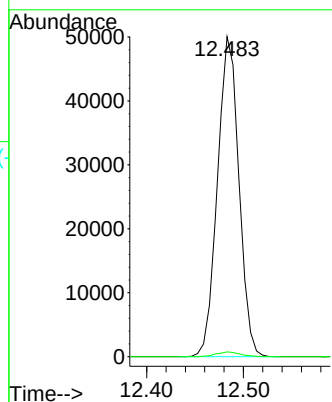
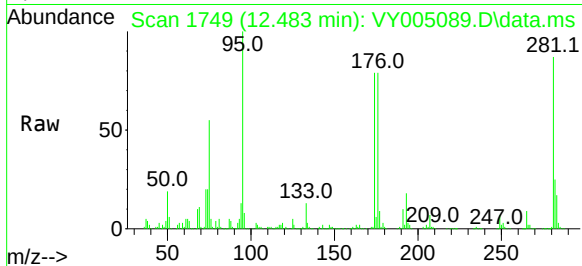




#76
1,2,3-Trichloropropane
Concen: 47.775 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 77044
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.799 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005089.D
Acq: 10 Jun 2021 19:57

Tgt Ion: 75 Resp: 77044
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 2.5 35.0 52.6#

