

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004810.D
 Acq On : 17 May 2021 17:38
 Operator : SY/MD
 Sample : M2392-16
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 01:06:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

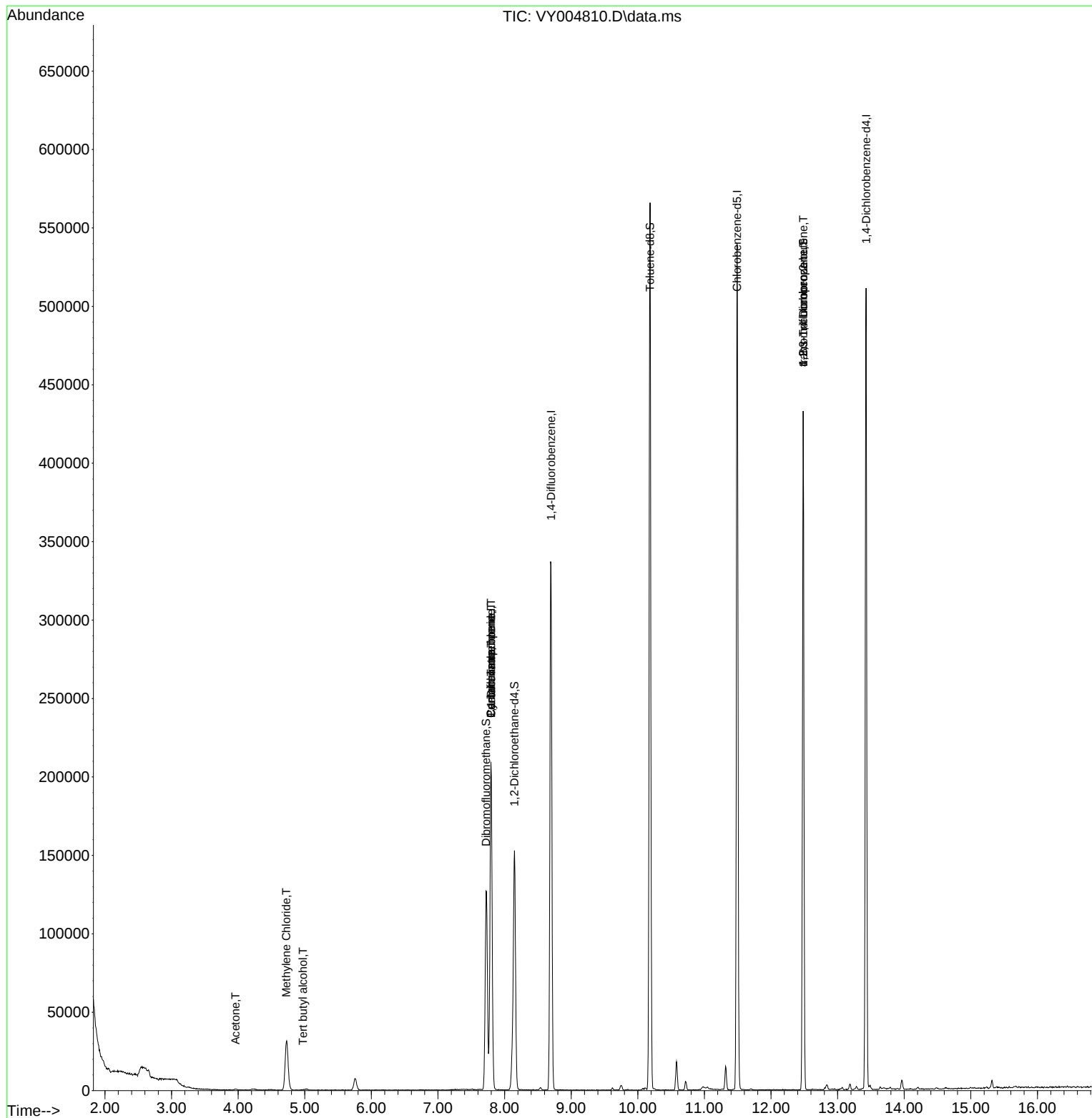
Internal Standards						
1) Pentafluorobenzene	7.795	168	157422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	282565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110641	59.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.10%	
35) Dibromofluoromethane	7.722	113	88435	57.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.34%	
50) Toluene-d8	10.185	98	351587	50.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.62%	
62) 4-Bromofluorobenzene	12.483	95	118878	50.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.80%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.972	59	373	1.98	ug/l #	71
16) Acetone	3.960	43	1000	2.38	ug/l	97
20) Methylene Chloride	4.722	84	22669	3.72	ug/l	94
31) Cyclohexane	7.795	56	4085	1.35	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	13308	4.60	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16375	6.29	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	66396	51.72	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66396	89.67	ug/l #	13

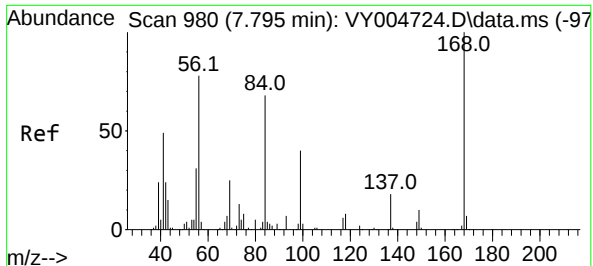
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 18 01:06:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

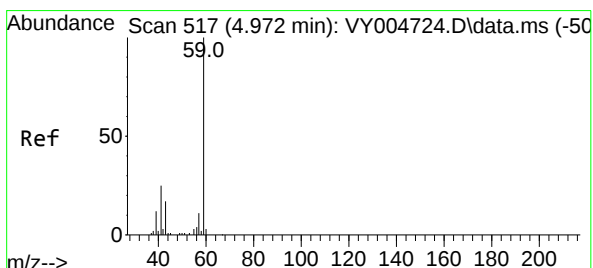
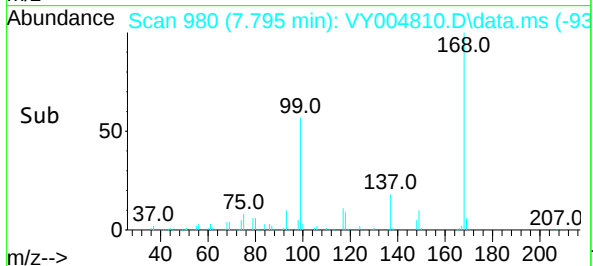
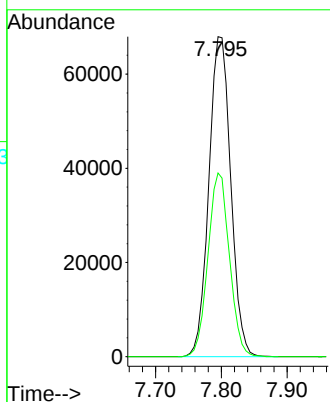
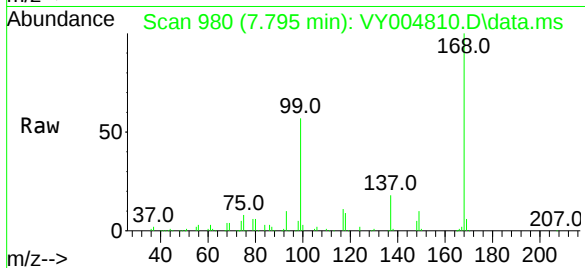




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

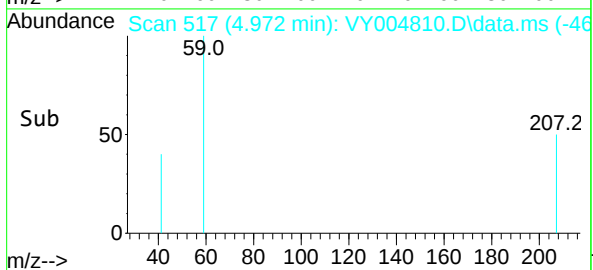
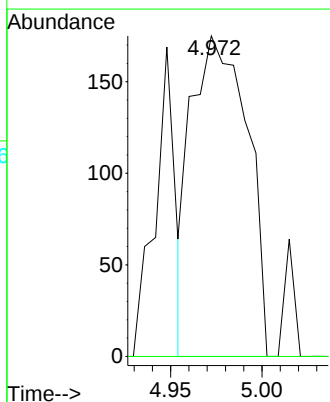
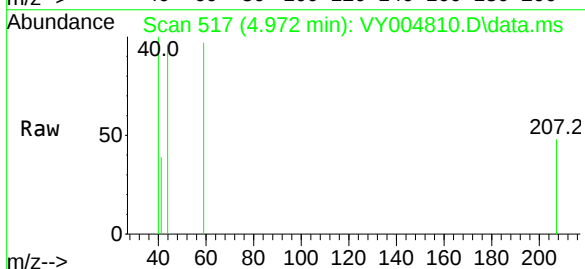
Instrument :
MSVOA_Y
ClientSampled :

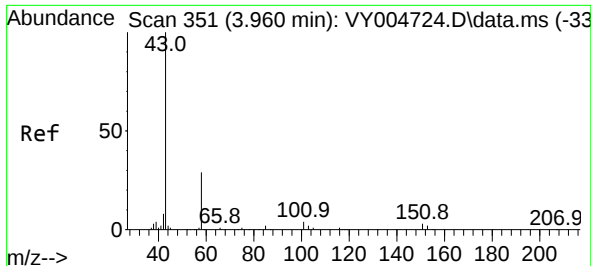
Tgt Ion:168 Resp: 157422
Ion Ratio Lower Upper
168 100
99 57.4 45.6 68.4



#11
Tert butyl alcohol
Concen: 1.98 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

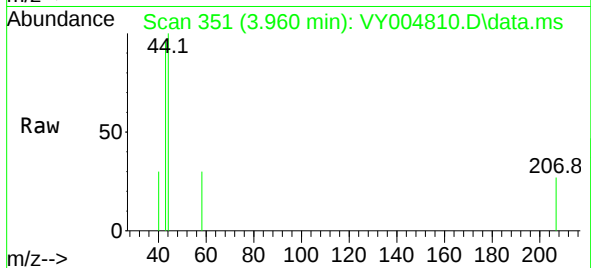
Tgt Ion: 59 Resp: 373
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



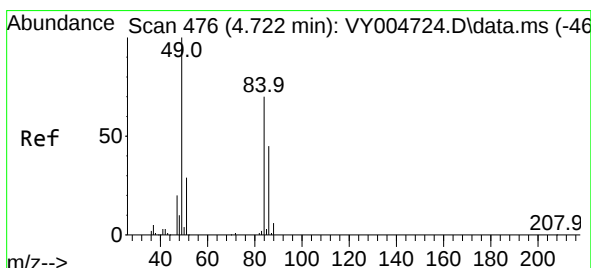
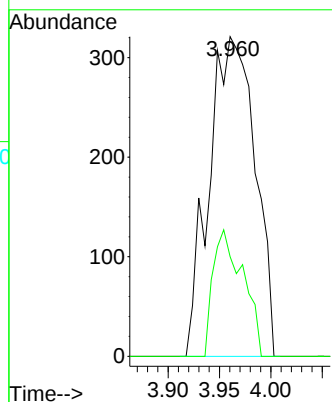
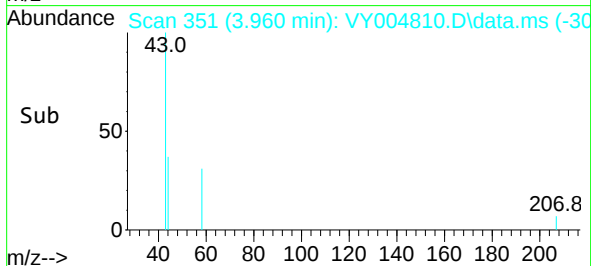


#16
Acetone
Concen: 2.38 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

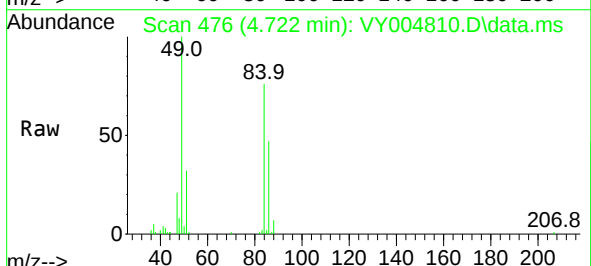
Instrument :
MSVOA_Y
ClientSampleId :



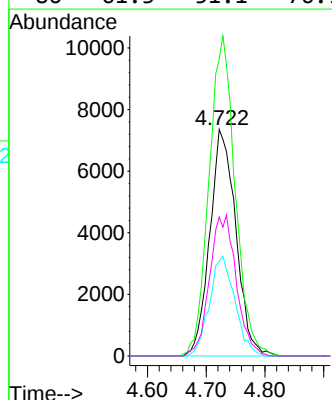
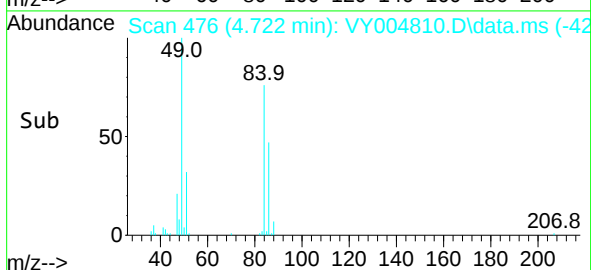
Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 31.2 23.6 35.4

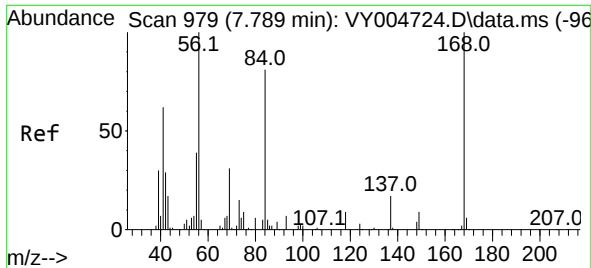


#20
Methylene Chloride
Concen: 3.72 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38



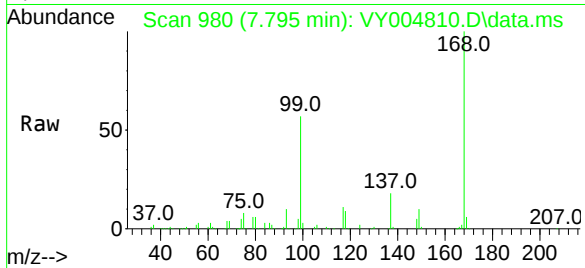
Tgt Ion: 84 Resp: 22669
Ion Ratio Lower Upper
84 100
49 131.0 113.8 170.8
51 41.8 33.5 50.3
86 61.3 51.1 76.7



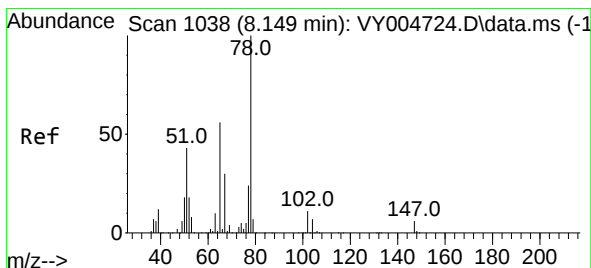
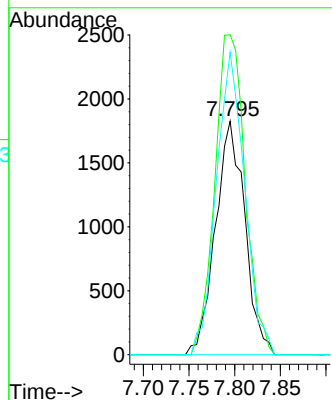
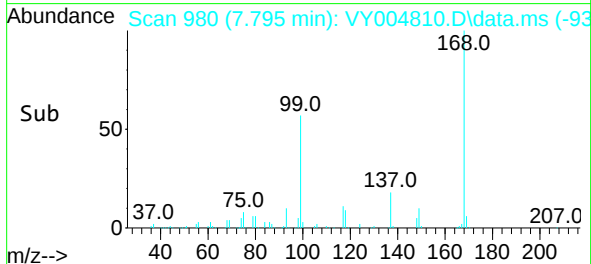


#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

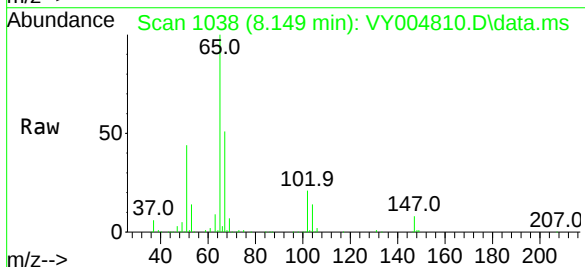
Instrument :
MSVOA_Y
ClientSampleId :



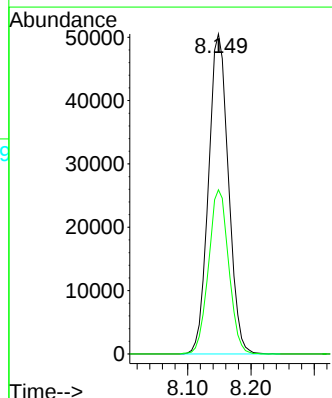
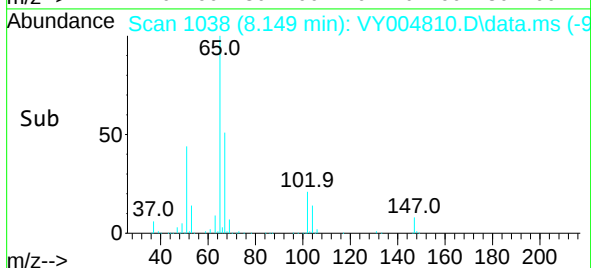
Tgt Ion: 56 Resp: 4085
Ion Ratio Lower Upper
56 100
69 137.1 24.4 36.6#
84 129.6 64.8 97.2#

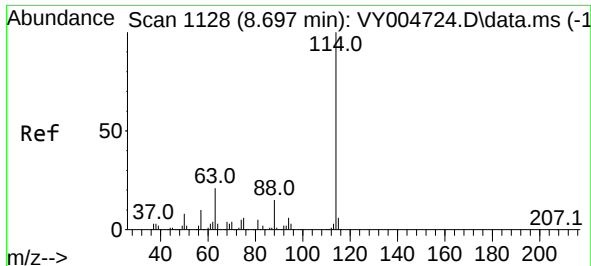


#33
1,2-Dichloroethane-d4
Concen: 59.05 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38



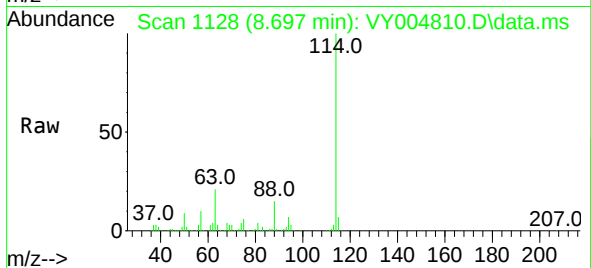
Tgt Ion: 65 Resp: 110641
Ion Ratio Lower Upper
65 100
67 51.9 0.0 108.0



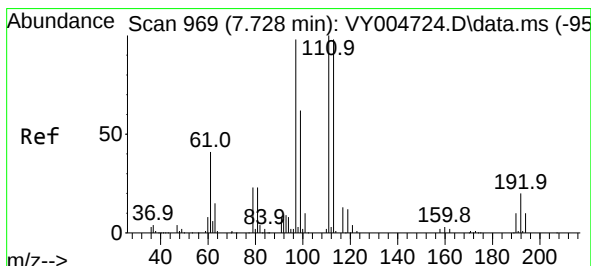
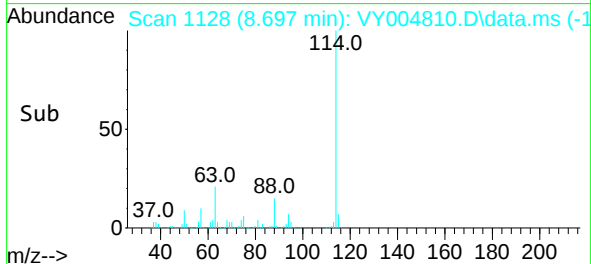
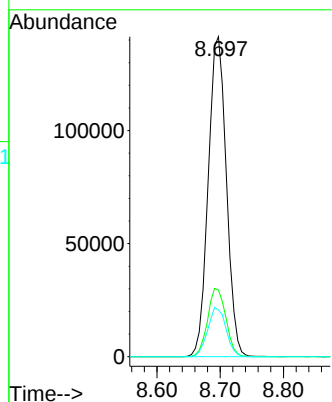


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

Instrument :
MSVOA_Y
ClientSampled :

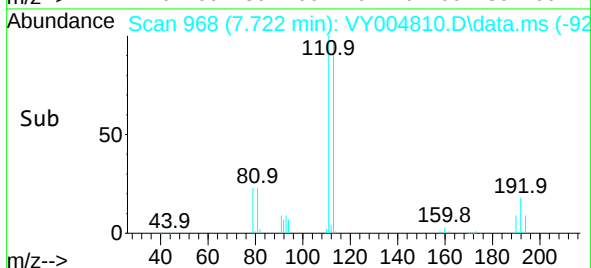
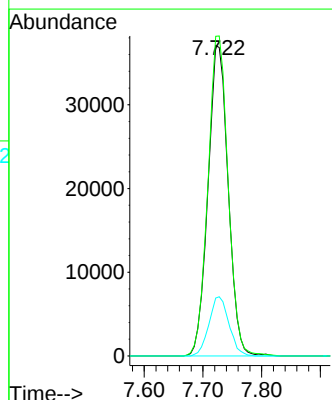
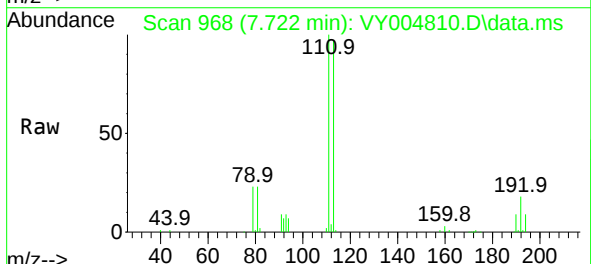


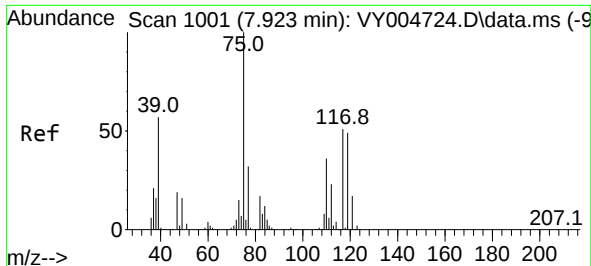
Tgt Ion:114 Resp: 282565
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 14.6 0.0 31.0



#35
Dibromofluoromethane
Concen: 57.17 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

Tgt Ion:113 Resp: 88435
Ion Ratio Lower Upper
113 100
111 103.3 80.5 120.7
192 18.9 15.0 22.6

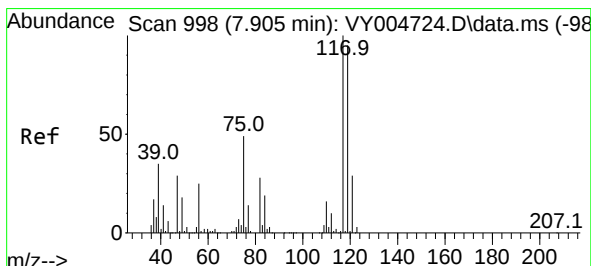
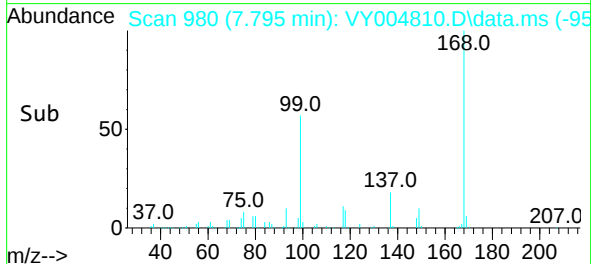
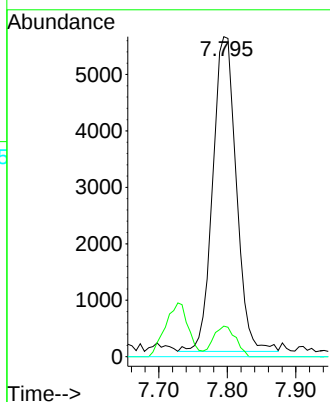
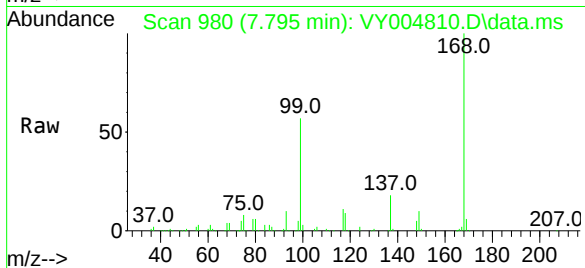




#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

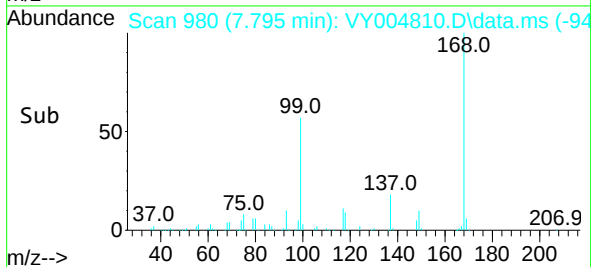
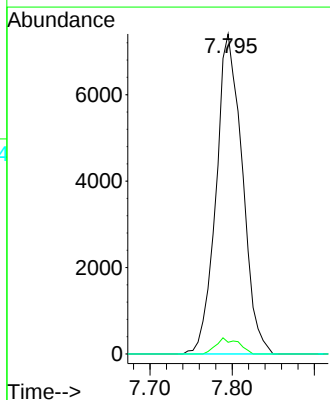
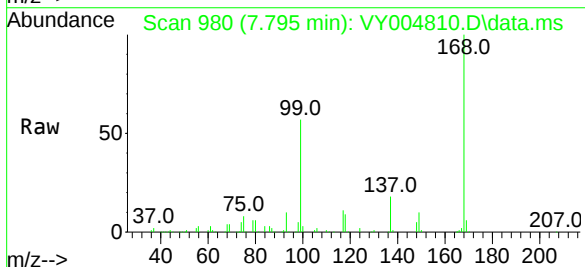
Instrument :
MSVOA_Y
ClientSampled :

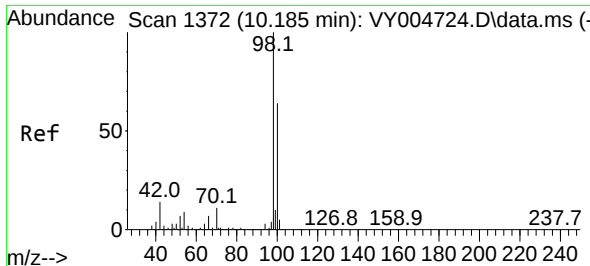
Tgt Ion: 75 Resp: 13308
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

Tgt Ion: 117 Resp: 16375
Ion Ratio Lower Upper
117 100
119 3.7 76.3 114.5#
121 0.0 23.0 34.6#

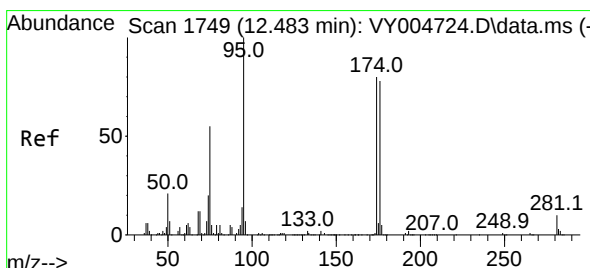
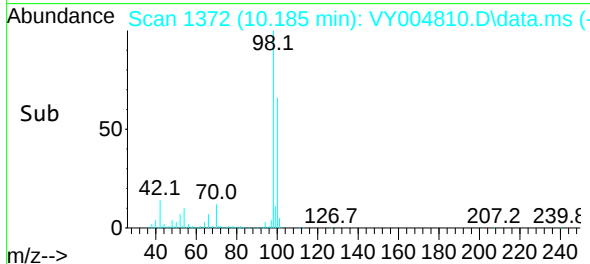
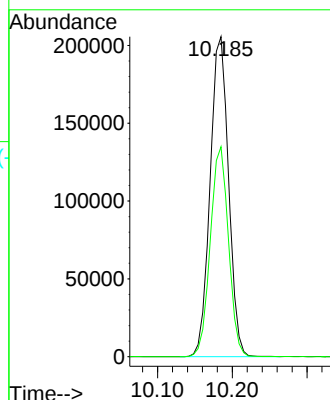
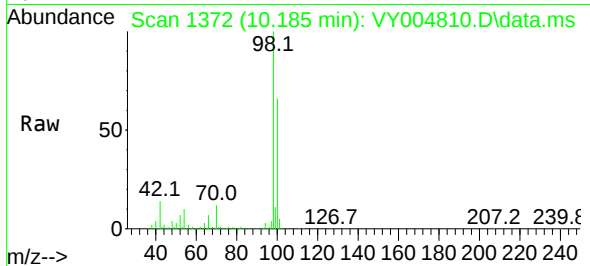




#50
Toluene-d8
Concen: 50.31 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

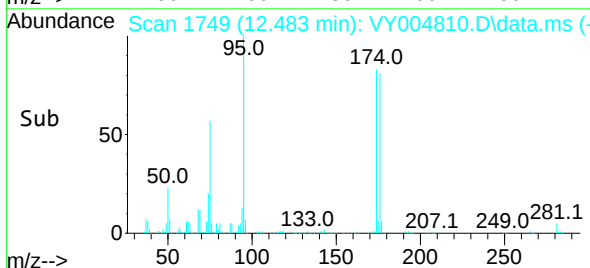
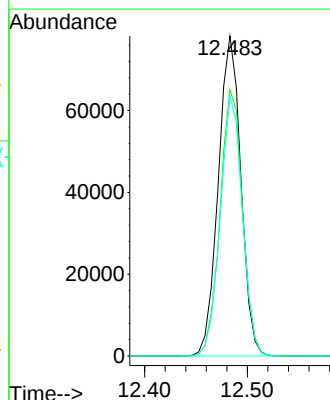
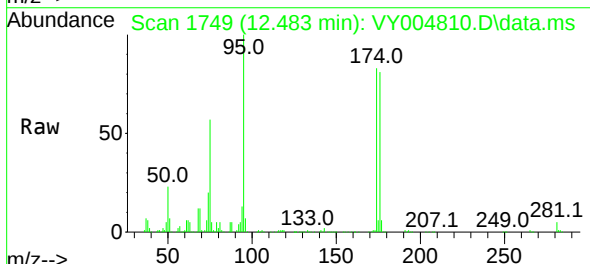
Instrument :
MSVOA_Y
ClientSampled :

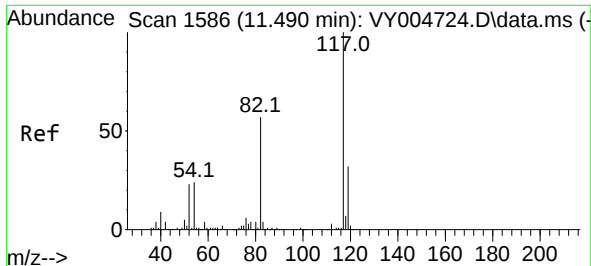
Tgt Ion: 98 Resp: 351587
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.40 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

Tgt Ion: 95 Resp: 118878
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.2
176 79.6 0.0 159.0

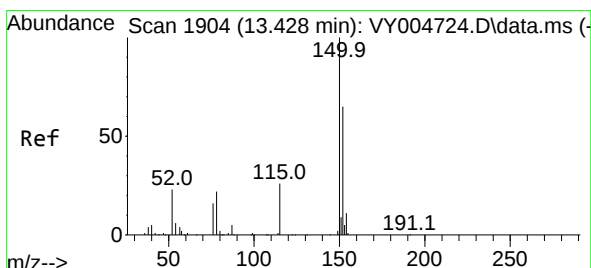
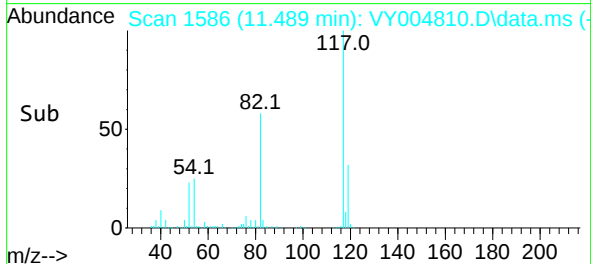
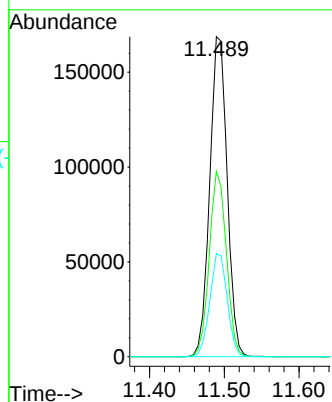
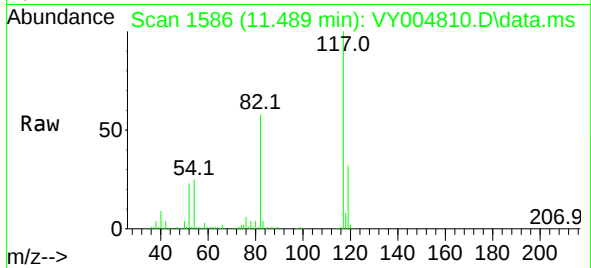




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

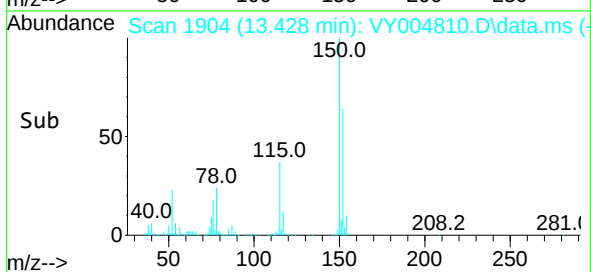
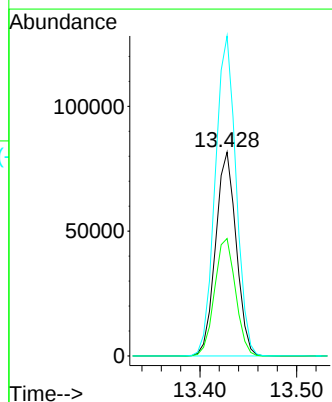
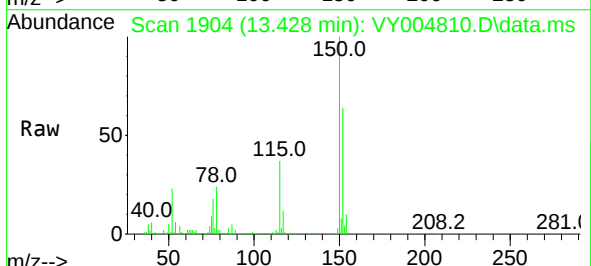
Instrument :
MSVOA_Y
ClientSampleId :

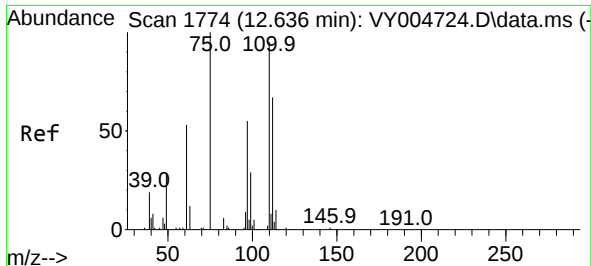
Tgt Ion:117 Resp: 273806
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.2
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

Tgt Ion:152 Resp: 120870
Ion Ratio Lower Upper
152 100
115 58.7 29.4 88.3
150 158.7 0.0 349.8

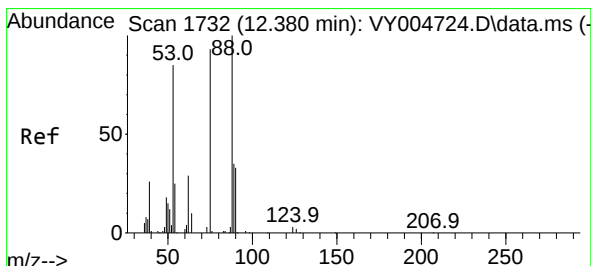
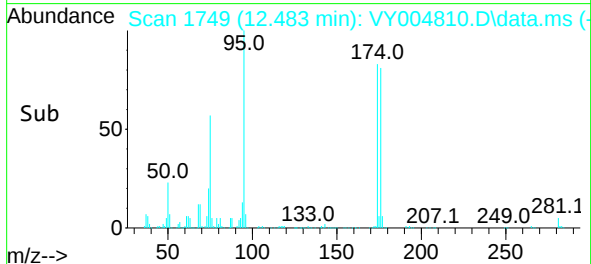
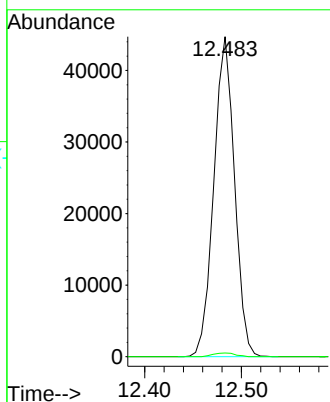
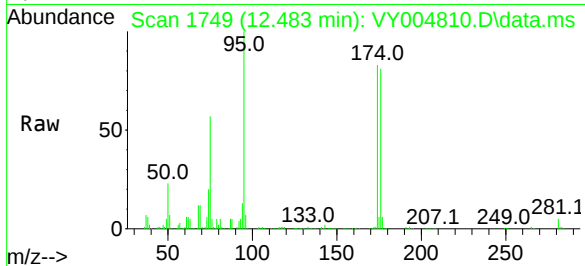




#76
1,2,3-Trichloropropane
Concen: 51.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 66396
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004810.D
Acq: 17 May 2021 17:38

Tgt Ion: 75 Resp: 66396
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 35.5 53.3#

