

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004805.D
 Acq On : 17 May 2021 15:18
 Operator : SY/MD
 Sample : M2413-01
 Misc : 4.93G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 01:05:28 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)

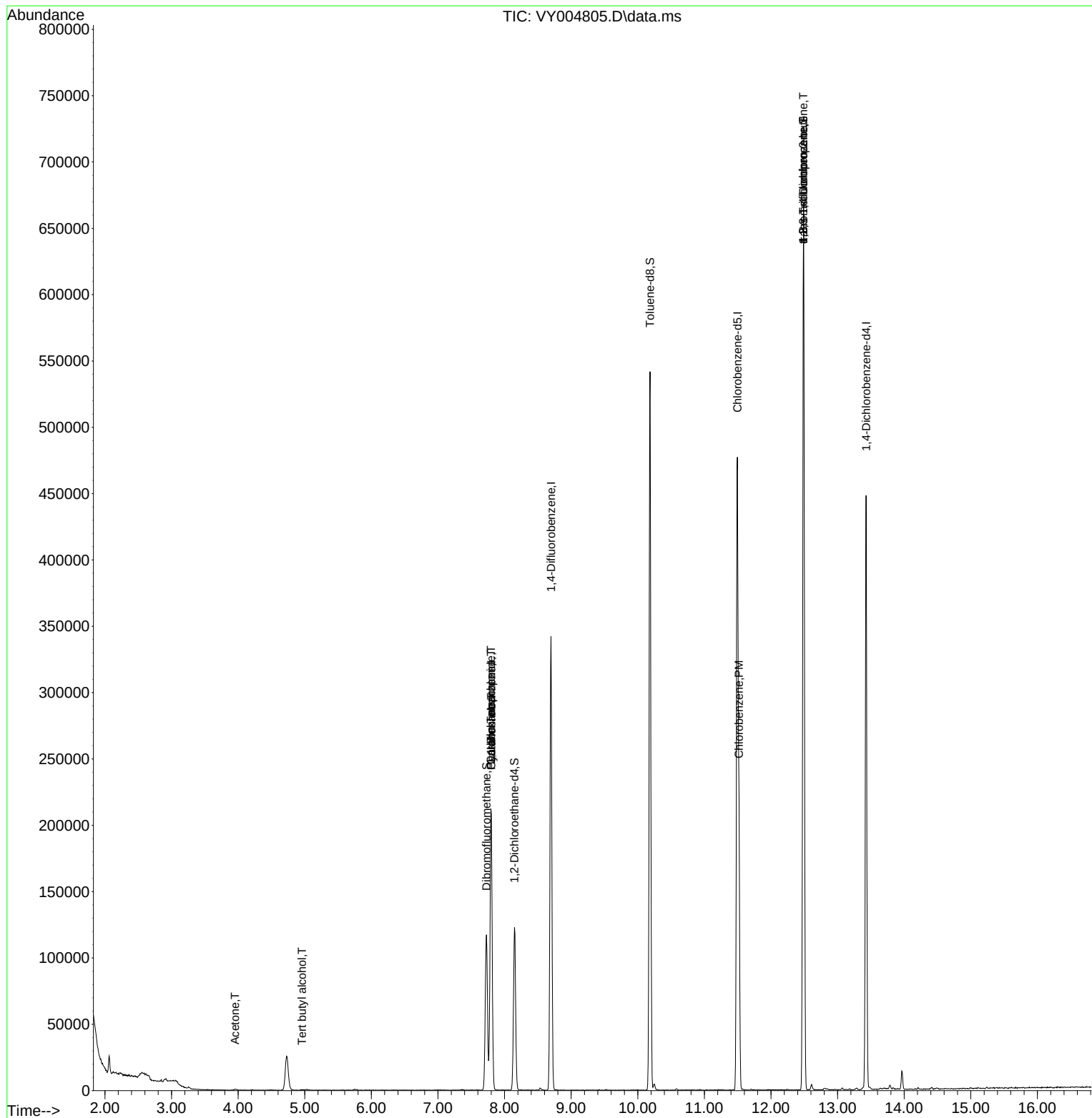
Internal Standards						
1) Pentafluorobenzene	7.801	168	158770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	275055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	241250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94666	50.09	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.18%			
35) Dibromofluoromethane	7.728	113	80656	53.56	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.12%			
50) Toluene-d8	10.185	98	335464	49.32	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.64%			
62) 4-Bromofluorobenzene	12.483	95	106700	46.48	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.96%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	625	3.29	ug/l #	71
16) Acetone	3.954	43	1145	2.70	ug/l	90
31) Cyclohexane	7.801	56	3961	1.29	ug/l #	35
36) 1,1-Dichloropropene	7.795	75	13303	4.72	ug/l #	51
38) Carbon Tetrachloride	7.795	117	15667	6.18	ug/l #	16
65) Chlorobenzene	11.520	112	99537	20.05	ug/l	100
76) 1,2,3-Trichloropropane	12.483	75	61585	55.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61585	96.36	ug/l #	14

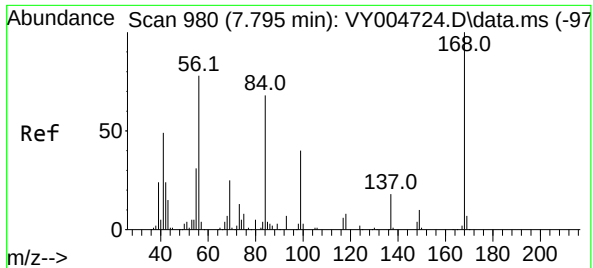
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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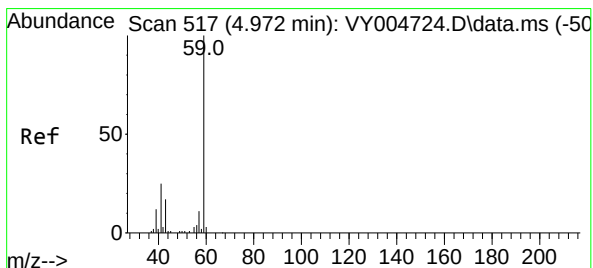
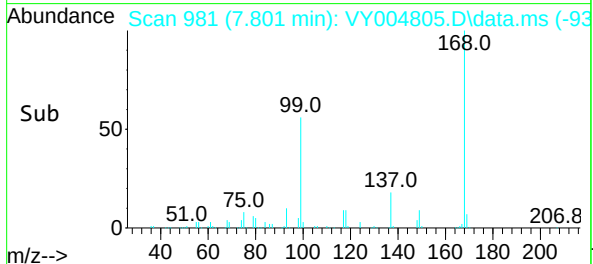
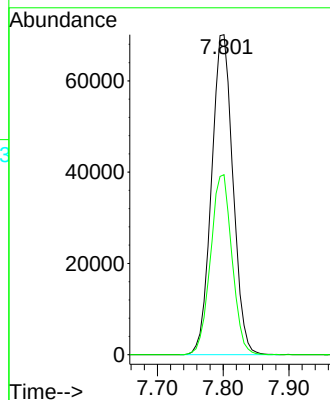
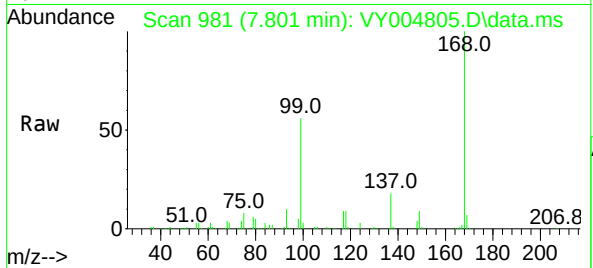




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

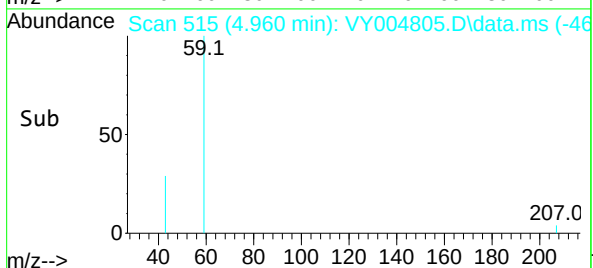
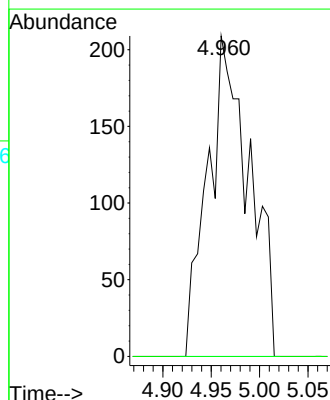
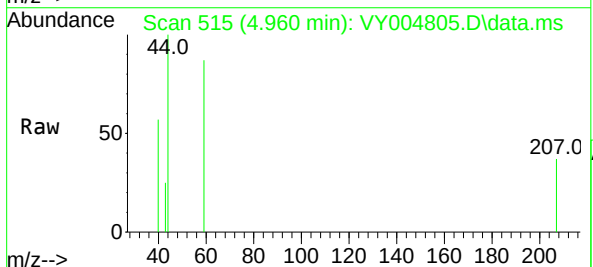
Instrument :
MSVOA_Y
ClientSampled :

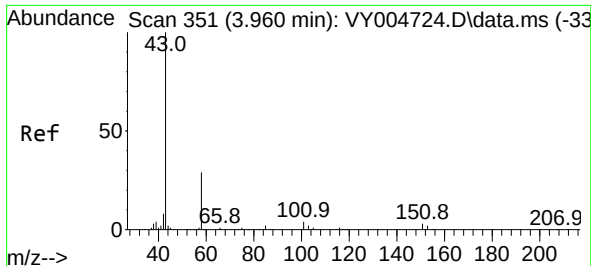
Tgt Ion:168 Resp: 158770
Ion Ratio Lower Upper
168 100
99 56.3 45.6 68.4



#11
Tert butyl alcohol
Concen: 3.29 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

Tgt Ion: 59 Resp: 625
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

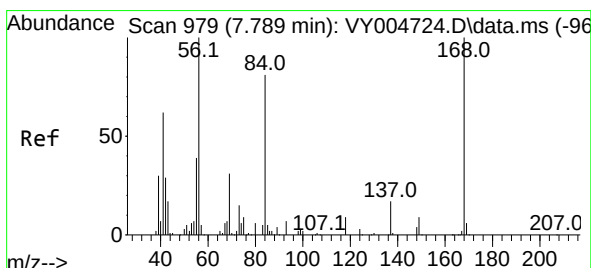
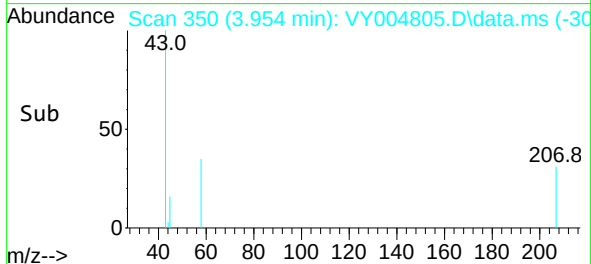
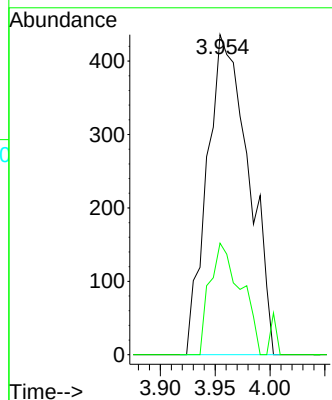
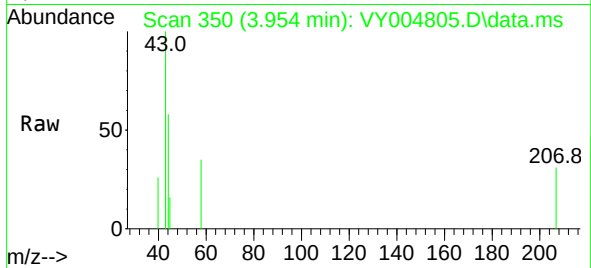




#16
Acetone
Concen: 2.70 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

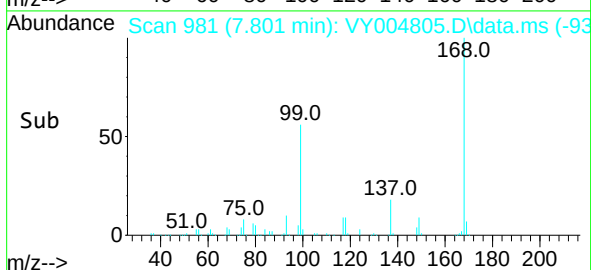
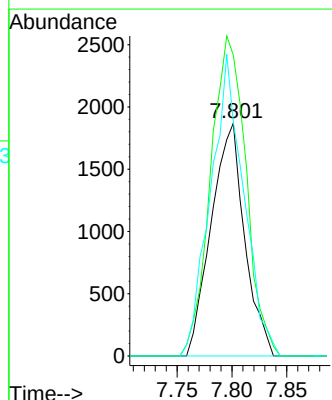
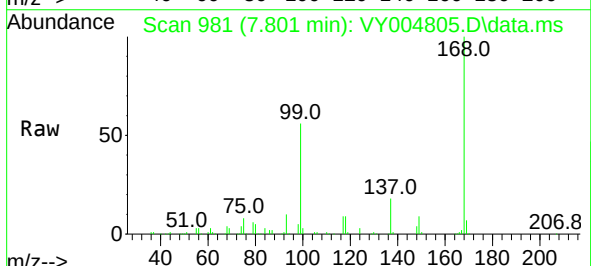
Instrument :
MSVOA_Y
ClientSampled :

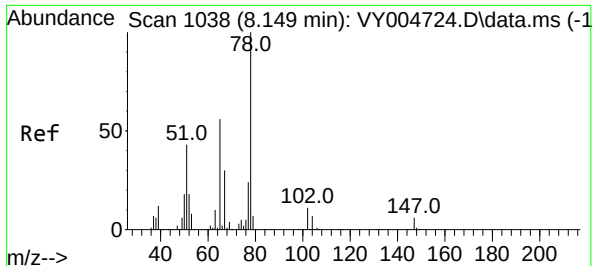
Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 34.9 23.6 35.4



#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

Tgt Ion: 56 Resp: 3961
Ion Ratio Lower Upper
56 100
69 129.2 24.4 36.6#
84 100.5 64.8 97.2#

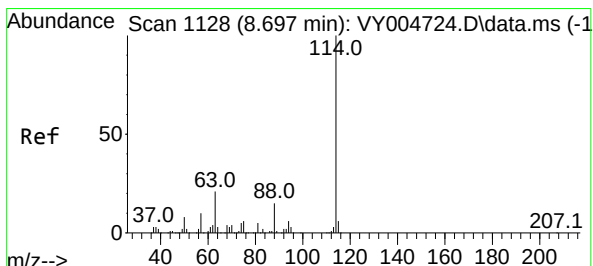
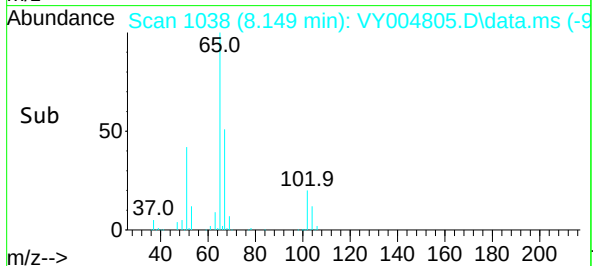
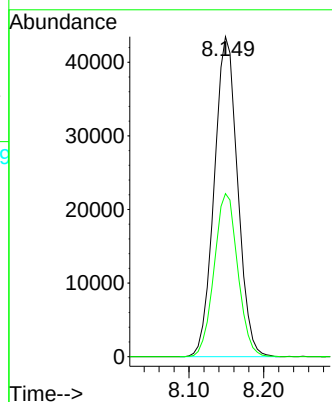
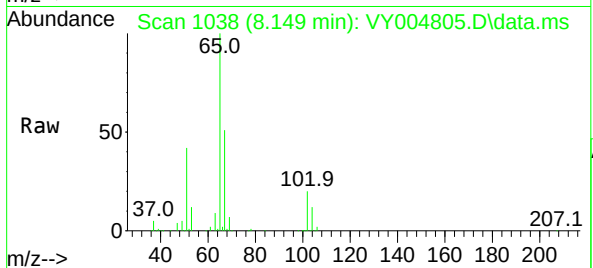




#33
1,2-Dichloroethane-d4
Concen: 50.09 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

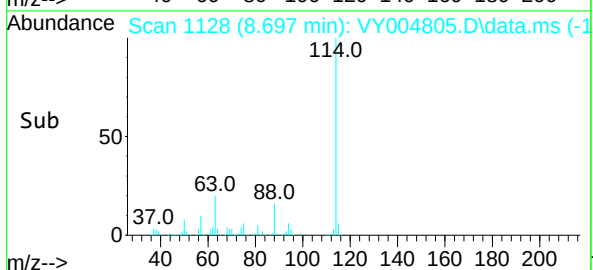
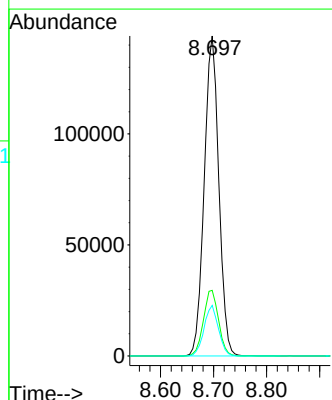
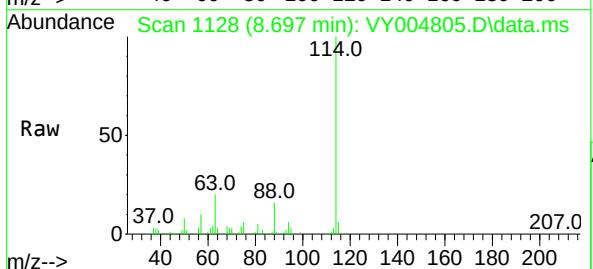
Instrument :
MSVOA_Y
ClientSampled :

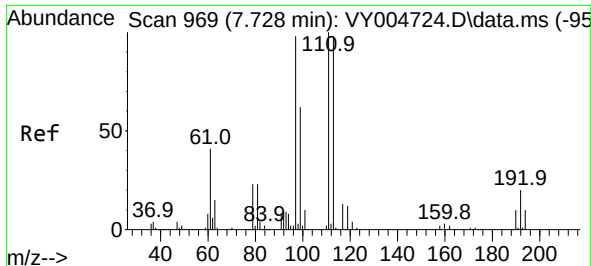
Tgt Ion: 65 Resp: 94666
Ion Ratio Lower Upper
65 100
67 51.5 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

Tgt Ion: 114 Resp: 275055
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.8
88 15.8 0.0 31.0

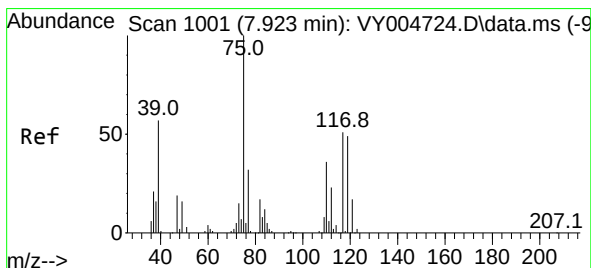
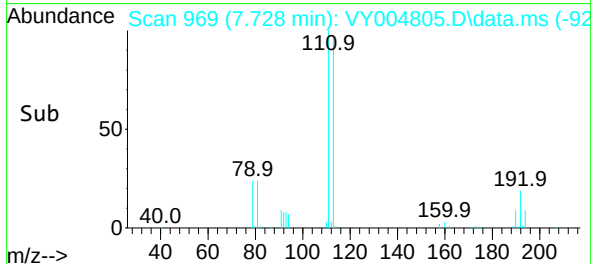
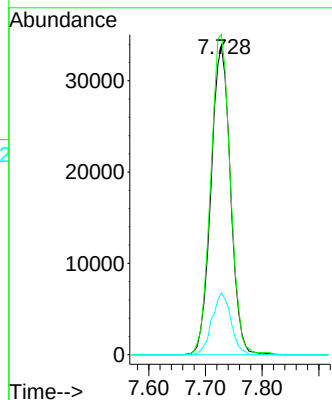
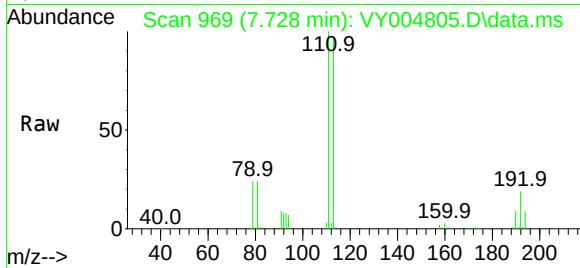




#35
Dibromofluoromethane
Concen: 53.56 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

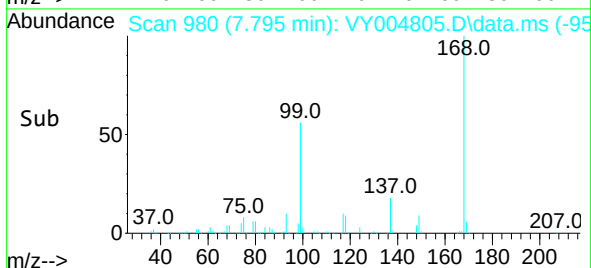
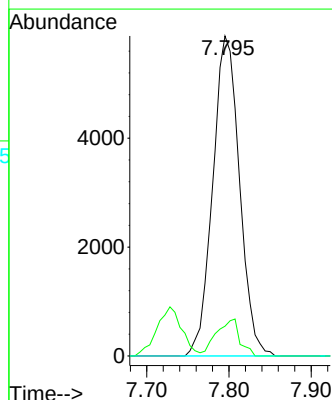
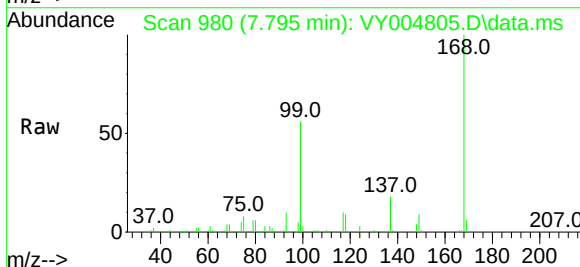
Instrument :
MSVOA_Y
ClientSampled :

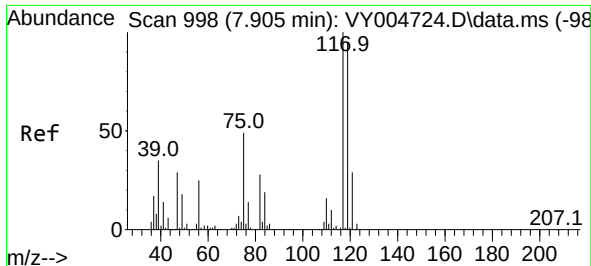
Tgt Ion:	113	Resp:	80656
Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.5	120.7
192	19.4	15.0	22.6



#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

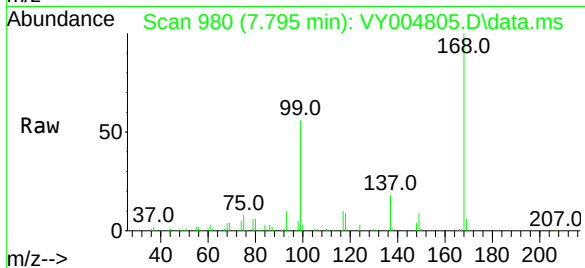
Tgt Ion:	75	Resp:	13303
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.0	50.9#
77	0.0	25.0	37.4#



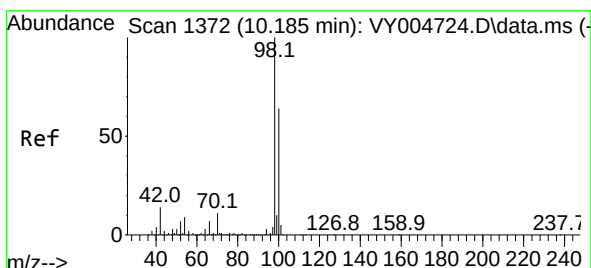
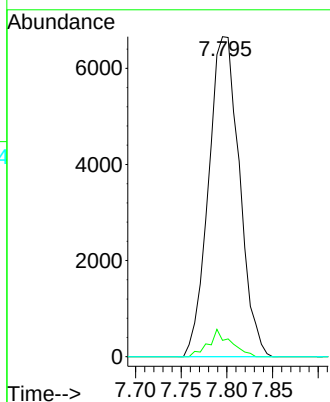
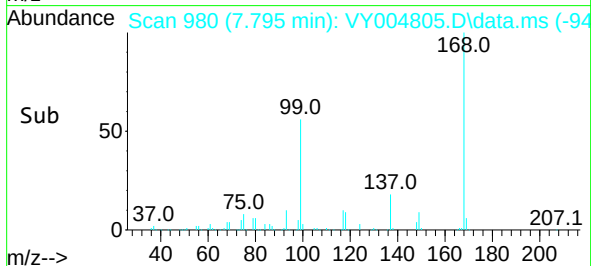


#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

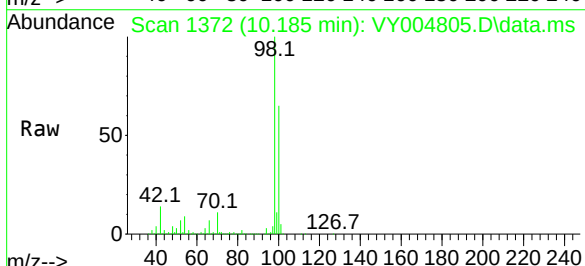
Instrument :
MSVOA_Y
ClientSampled :



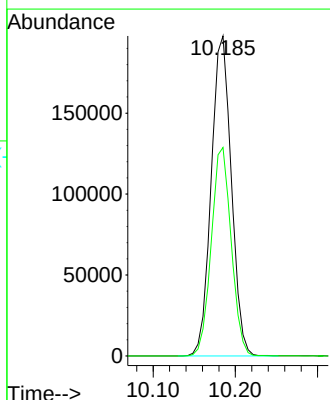
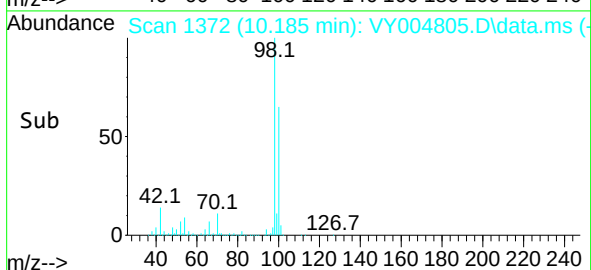
Tgt Ion: 117 Resp: 15667
Ion Ratio Lower Upper
117 100
119 5.1 76.3 114.5#
121 0.0 23.0 34.6#

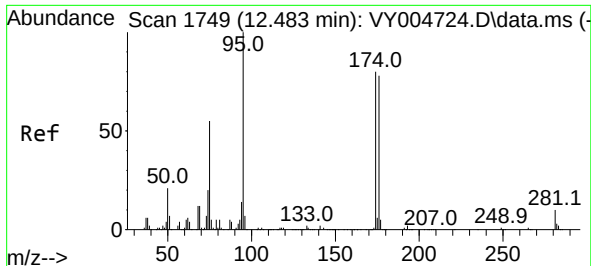


#50
Toluene-d8
Concen: 49.32 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18



Tgt Ion: 98 Resp: 335464
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

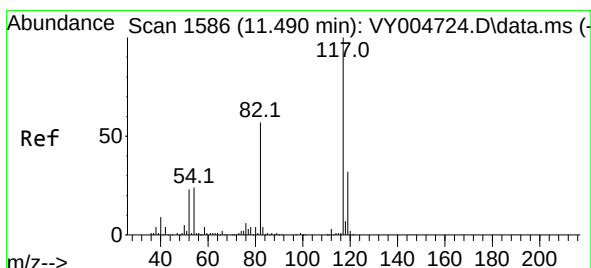
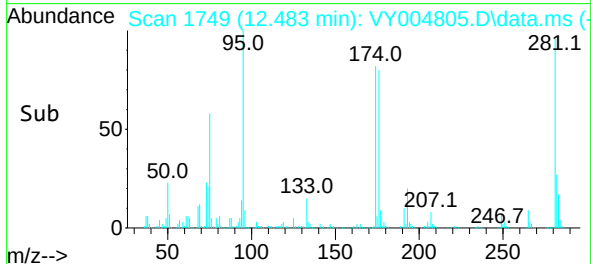
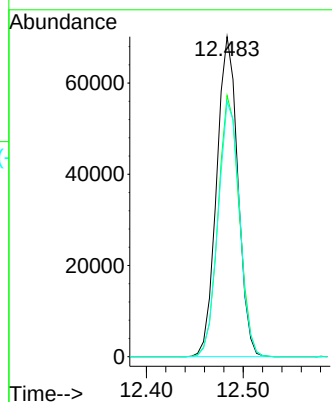
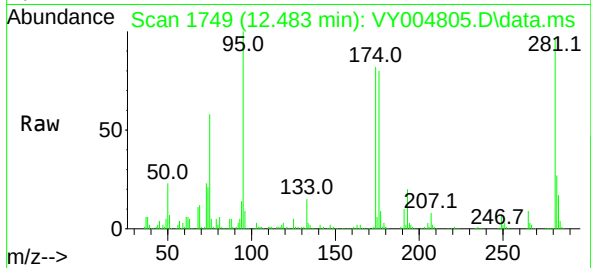




#62
4-Bromofluorobenzene
Concen: 46.48 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

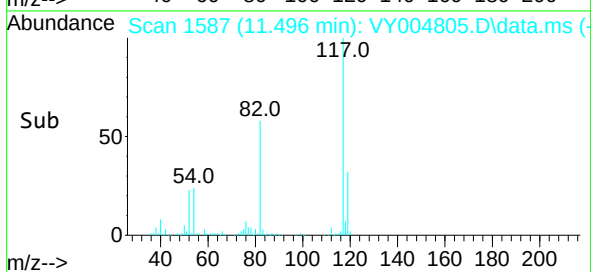
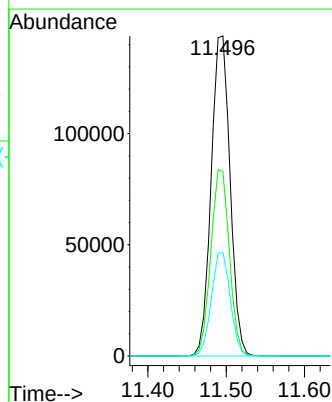
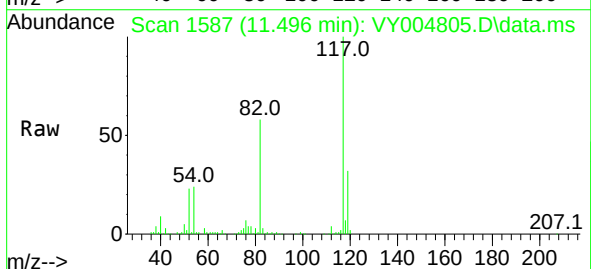
Instrument :
MSVOA_Y
ClientSampled :

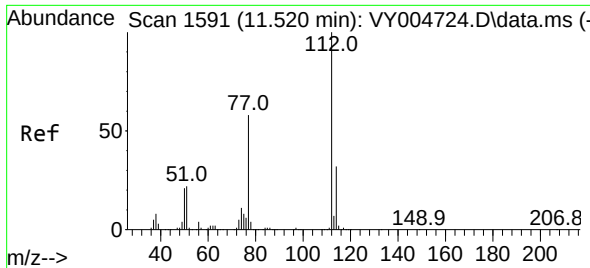
Tgt Ion: 95 Resp: 106700
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.2
176 80.5 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

Tgt Ion:117 Resp: 241250
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.2
119 32.4 25.8 38.6

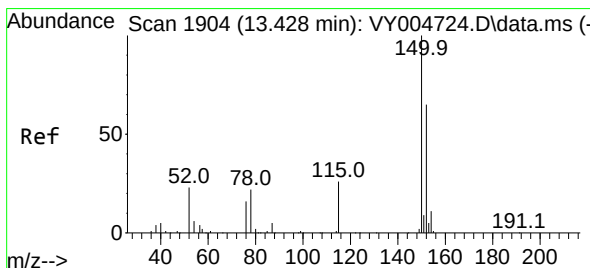
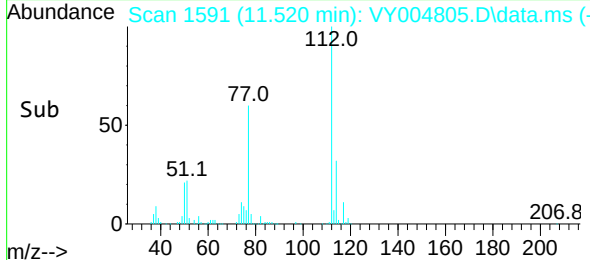
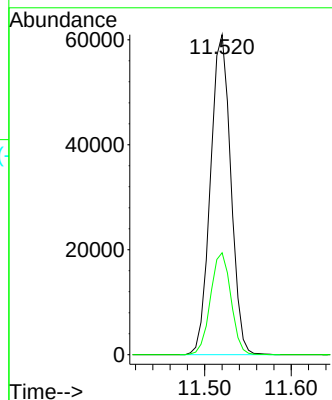
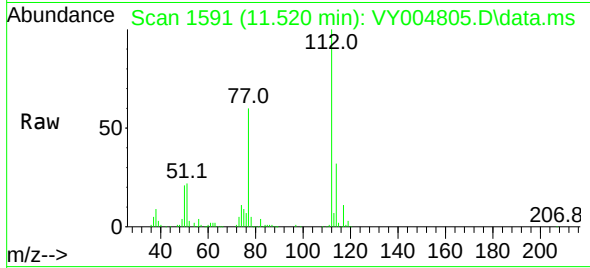




#65
Chlorobenzene
Concen: 20.05 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

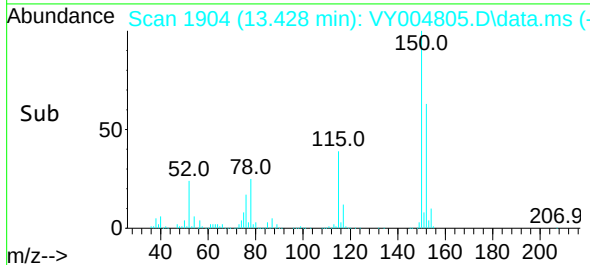
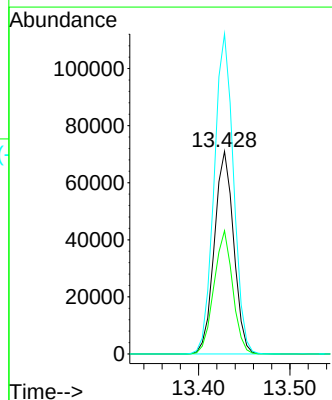
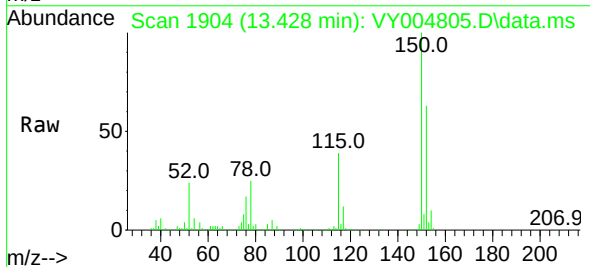
Instrument :
MSVOA_Y
ClientSampled :

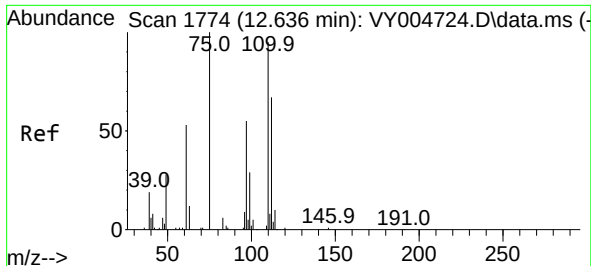
Tgt Ion:112 Resp: 99537
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

Tgt Ion:152 Resp: 104338
Ion Ratio Lower Upper
152 100
115 59.0 29.4 88.3
150 158.5 0.0 349.8

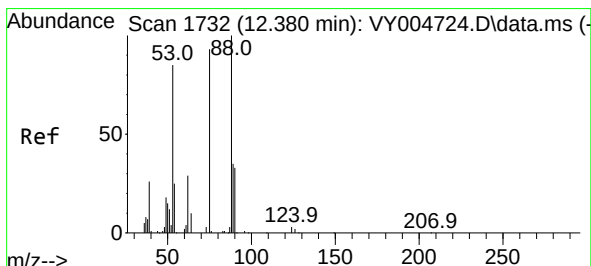
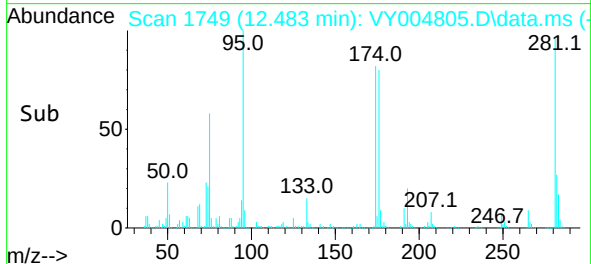
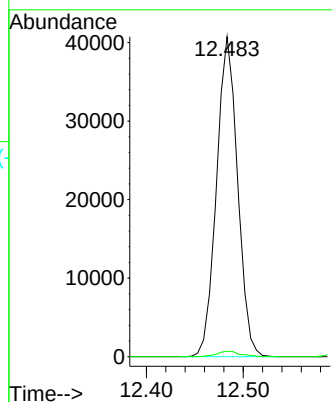
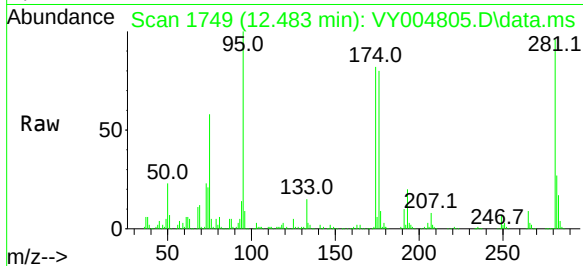




#76
1,2,3-Trichloropropane
Concen: 55.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 61585
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.36 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004805.D
Acq: 17 May 2021 15:18

Tgt Ion: 75 Resp: 61585
Ion Ratio Lower Upper
75 100
53 0.1 73.9 110.9#
89 2.3 35.5 53.3#

