

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004830.D
 Acq On : 18 May 2021 16:38
 Operator : SY/MD
 Sample : M2435-07
 Misc : 7.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

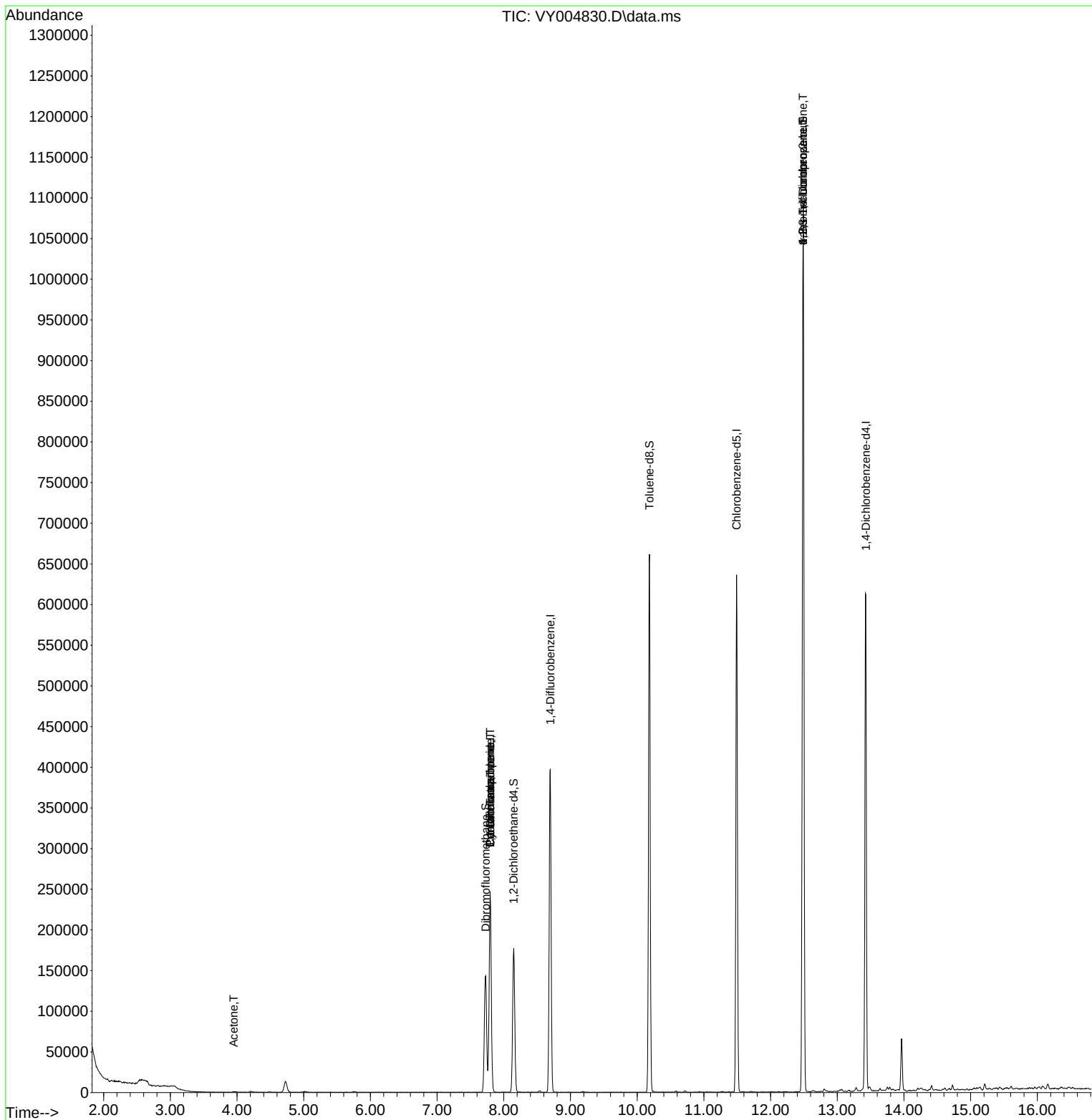
Quant Time: May 19 01:05:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

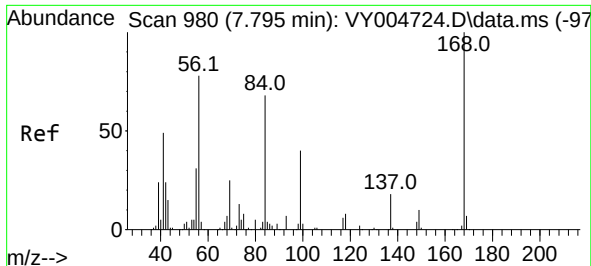
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	180246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	323910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	137381	64.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.06%
35) Dibromofluoromethane	7.728	113	102591	57.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.74%
50) Toluene-d8	10.185	98	413369	51.17	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.34%
62) 4-Bromofluorobenzene	12.483	95	151775	55.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.34%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	702	1.46	ug/l #	78
20) Methylene Chloride	4.729	84	9500	Below	Cal	98
31) Cyclohexane	7.795	56	4723	1.36	ug/l #	8
36) 1,1-Dichloropropene	7.795	75	14955	4.47	ug/l #	51
38) Carbon Tetrachloride	7.795	117	18205	6.05	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	89311	56.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	89311	97.76	ug/l #	14

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

Quant Time: May 19 01:05:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

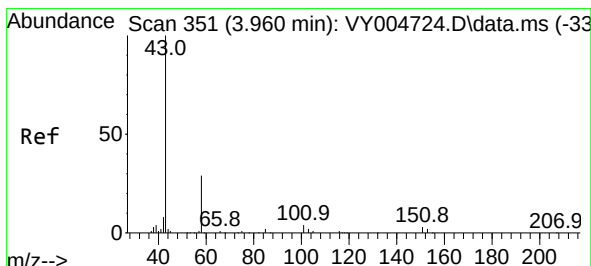
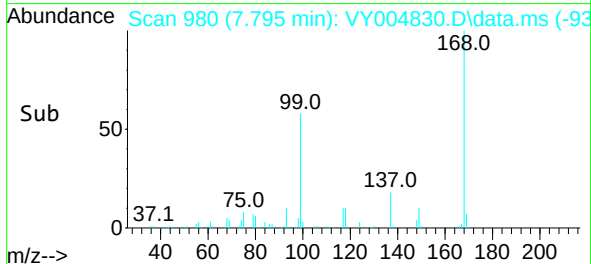
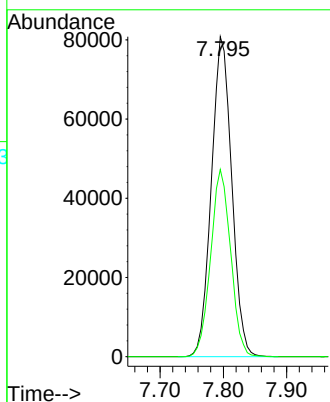
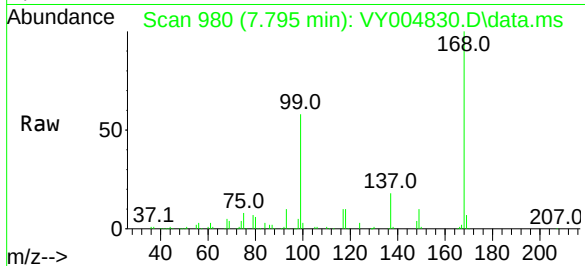




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004830.D
Acq: 18 May 2021 16:38

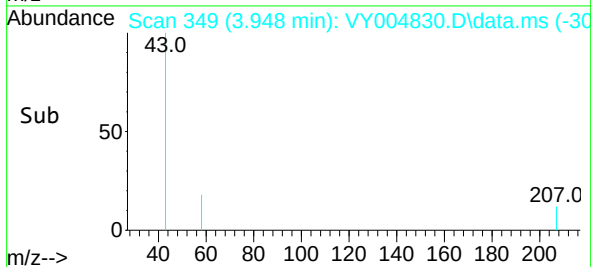
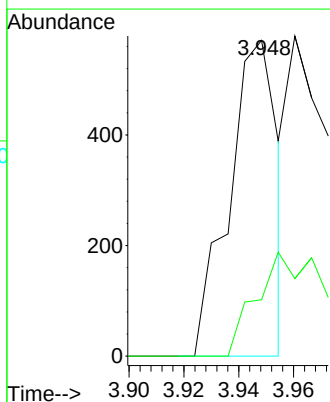
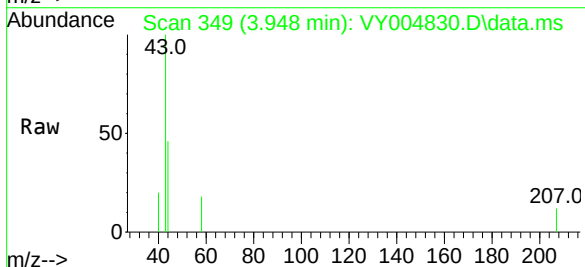
Instrument :
MSVOA_Y
ClientSampled :

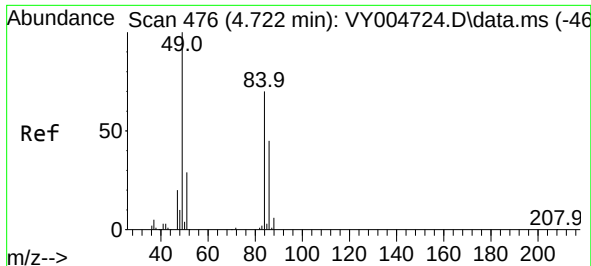
Tgt Ion:168 Resp: 180246
Ion Ratio Lower Upper
168 100
99 58.5 45.6 68.4



#16
Acetone
Concen: 1.46 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004830.D
Acq: 18 May 2021 16:38

Tgt Ion: 43 Resp: 702
Ion Ratio Lower Upper
43 100
58 17.9 23.6 35.4#





#20

Methylene Chloride

Concen: Below Cal

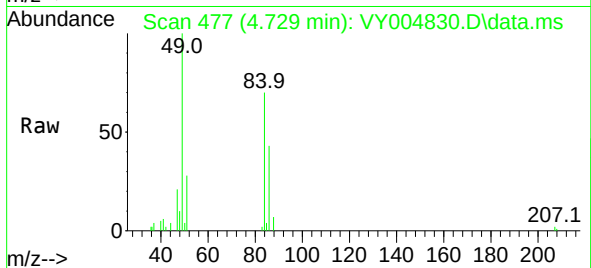
RT: 4.729 min Scan# 477

Delta R.T. 0.007 min

Lab File: VY004830.D

Acq: 18 May 2021 16:38

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 9500

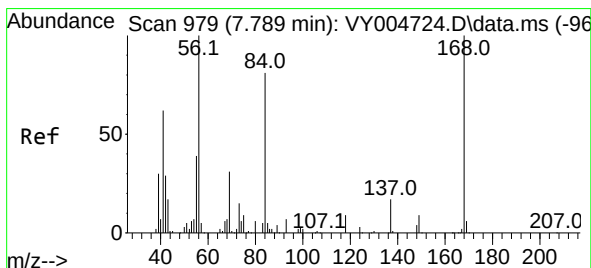
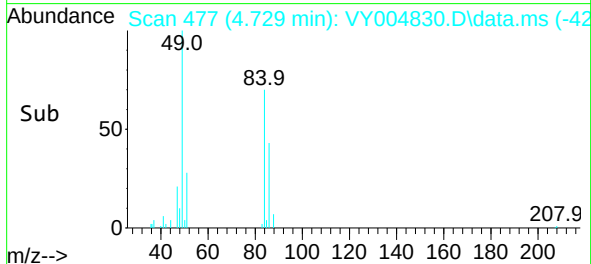
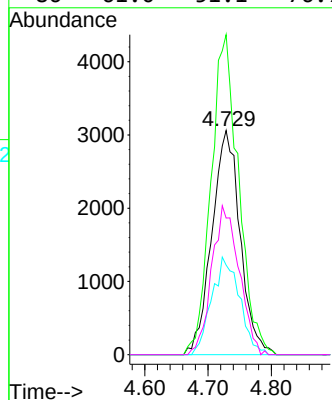
Ion Ratio Lower Upper

84 100

49 142.7 113.8 170.8

51 40.0 33.5 50.3

86 61.0 51.1 76.7



#31

Cyclohexane

Concen: 1.36 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY004830.D

Acq: 18 May 2021 16:38

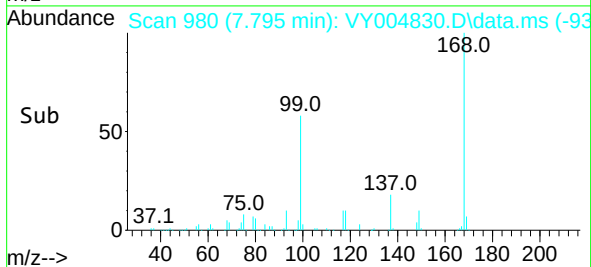
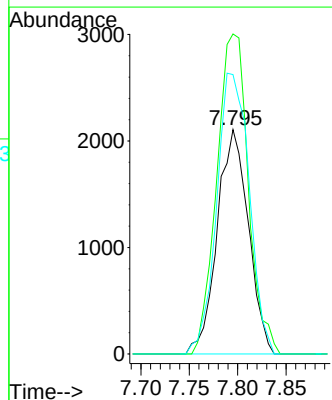
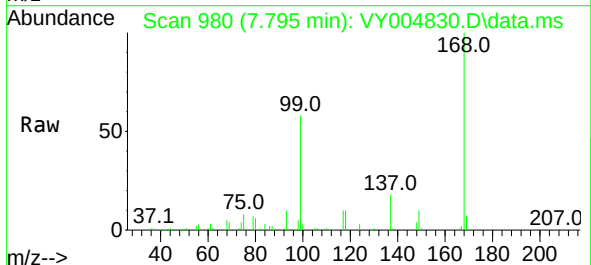
Tgt Ion: 56 Resp: 4723

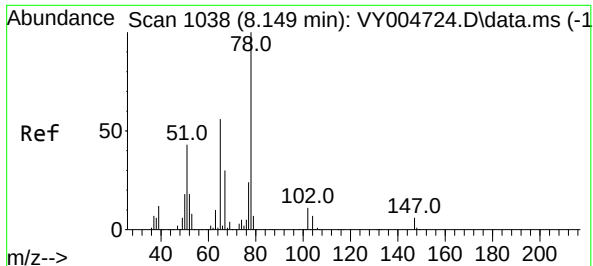
Ion Ratio Lower Upper

56 100

69 142.7 24.4 36.6#

84 124.5 64.8 97.2#

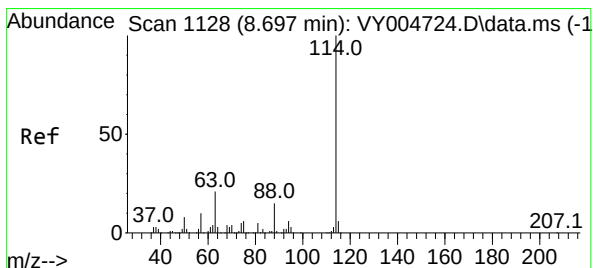
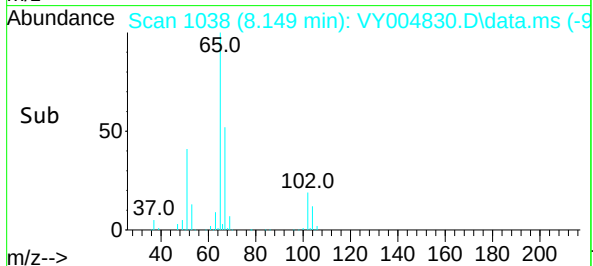
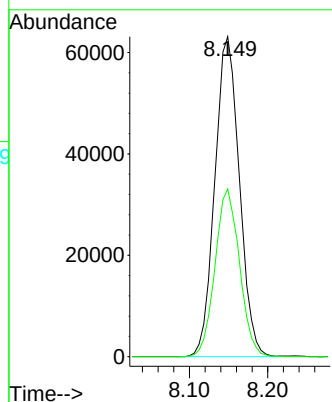
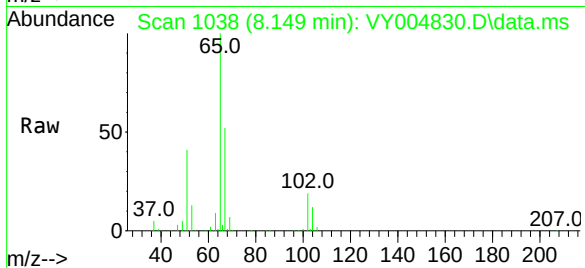




#33
1,2-Dichloroethane-d4
Concen: 64.03 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004830.D
Acq: 18 May 2021 16:38

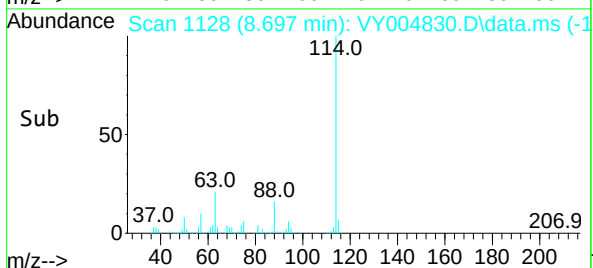
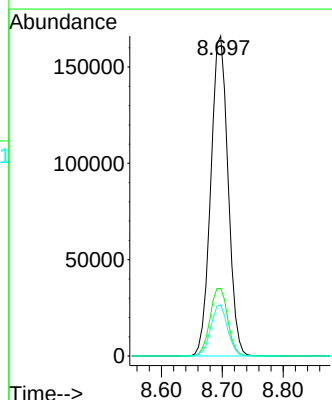
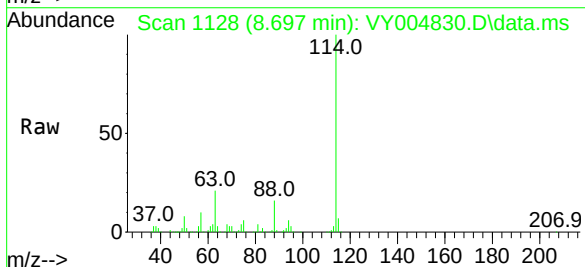
Instrument :
MSVOA_Y
ClientSampled :

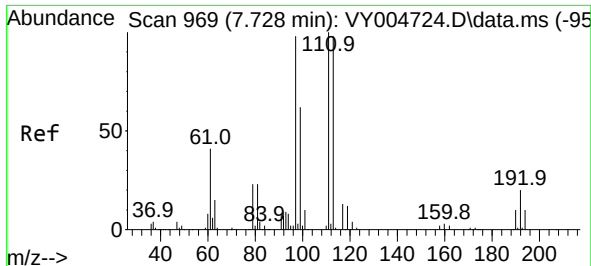
Tgt Ion: 65 Resp: 137381
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004830.D
Acq: 18 May 2021 16:38

Tgt Ion: 114 Resp: 326633
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.8
88 16.0 0.0 31.0

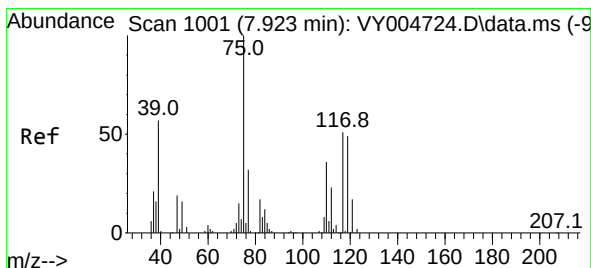
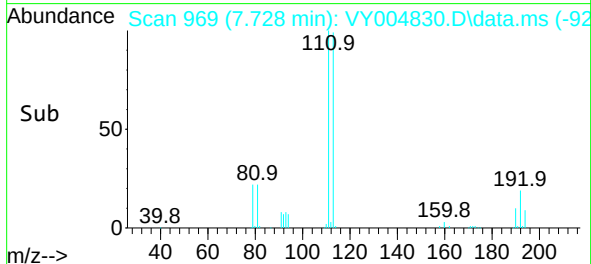
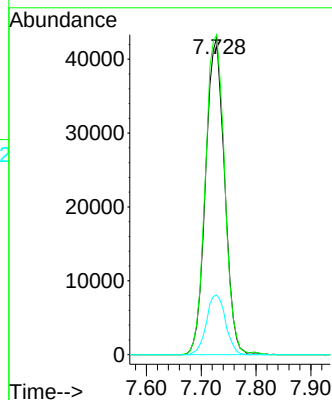
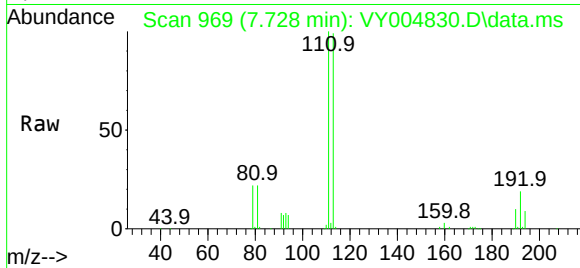




#35
Dibromofluoromethane
Concen: 57.37 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004830.D
Acq: 18 May 2021 16:38

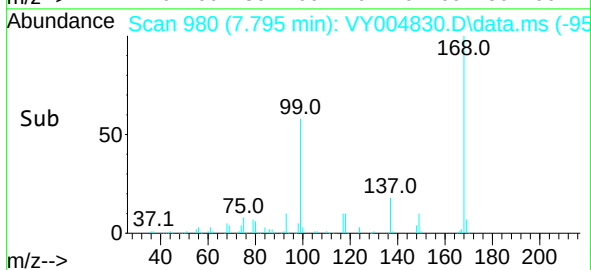
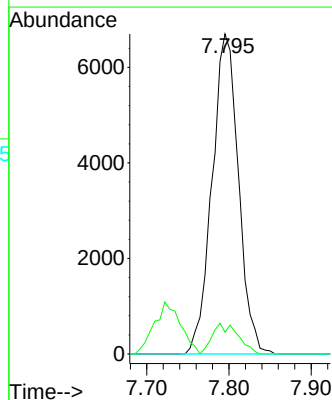
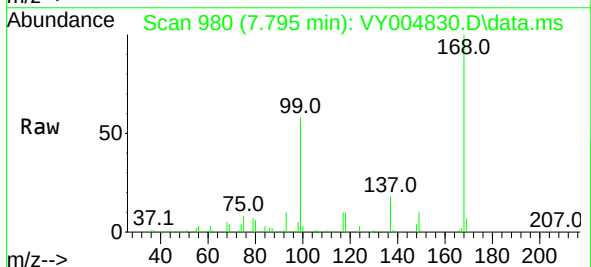
Instrument :
MSVOA_Y
ClientSampled :

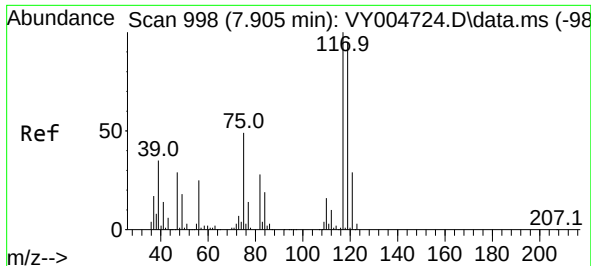
Tgt Ion:113 Resp: 102591
Ion Ratio Lower Upper
113 100
111 102.7 80.5 120.7
192 19.1 15.0 22.6



#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004830.D
Acq: 18 May 2021 16:38

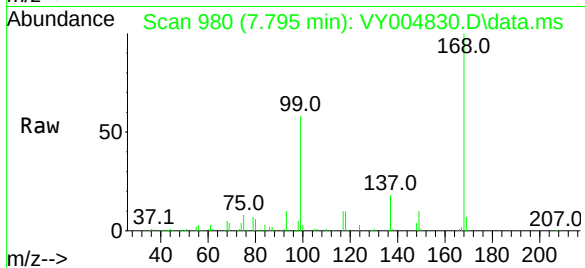
Tgt Ion: 75 Resp: 14955
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 25.0 37.4#



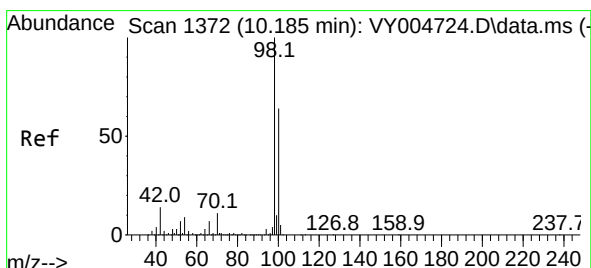
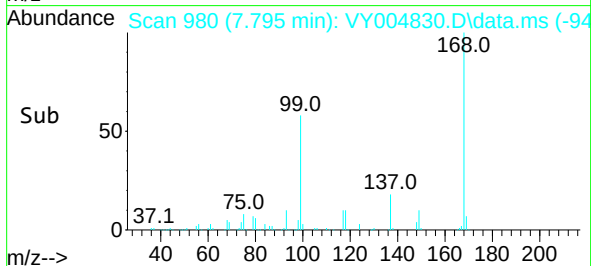
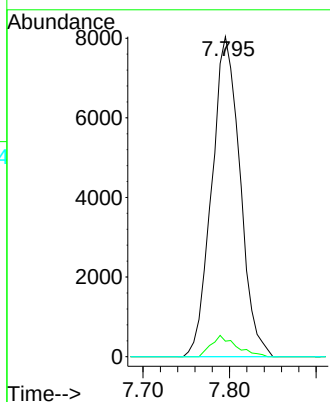


#38
Carbon Tetrachloride
Concen: 6.05 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004830.D
Acq: 18 May 2021 16:38

Instrument :
MSVOA_Y
ClientSampled :

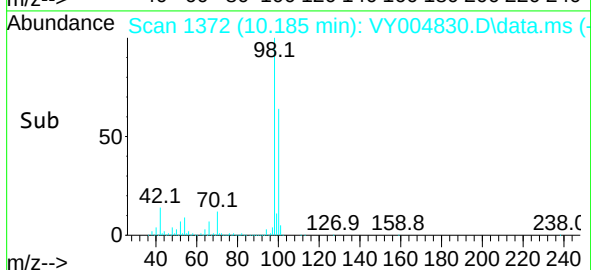
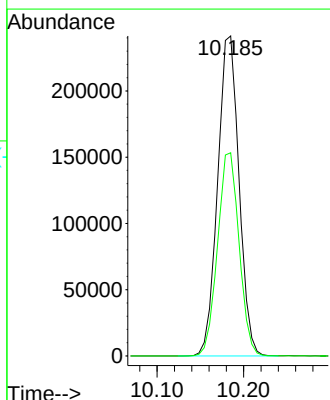
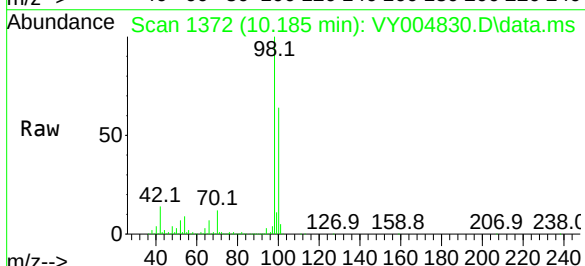


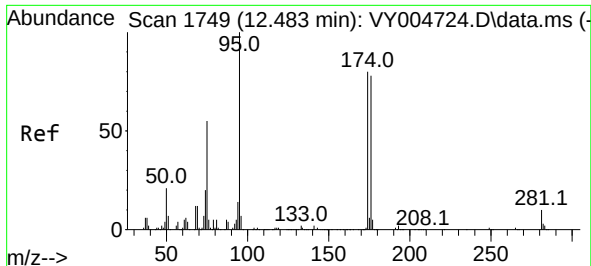
Tgt Ion: 117 Resp: 18205
Ion Ratio Lower Upper
117 100
119 4.9 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 51.17 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004830.D
Acq: 18 May 2021 16:38

Tgt Ion: 98 Resp: 413369
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

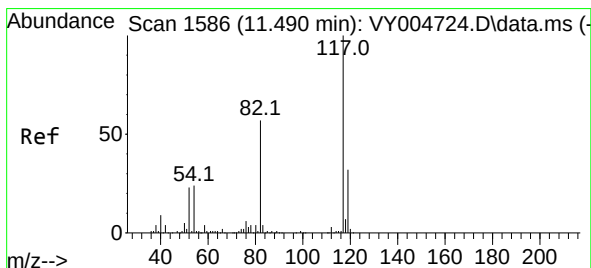
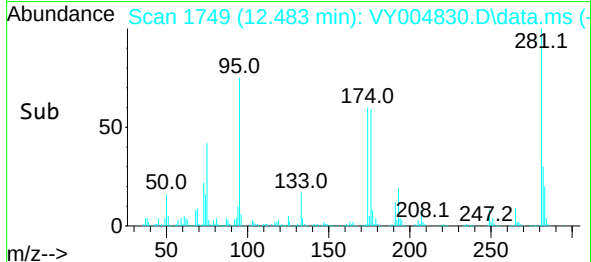
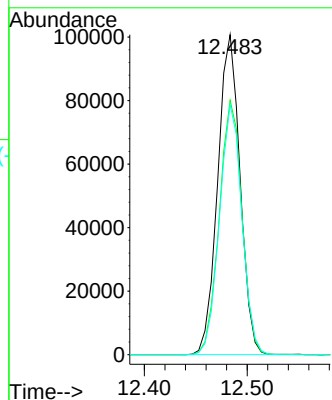
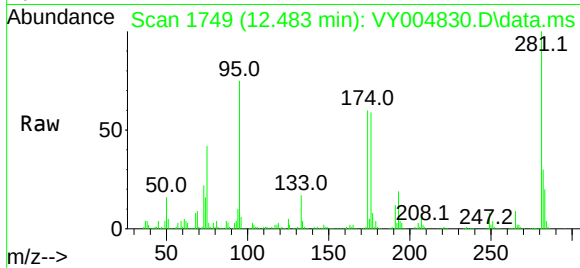




#62
4-Bromofluorobenzene
Concen: 55.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004830.D
Acq: 18 May 2021 16:38

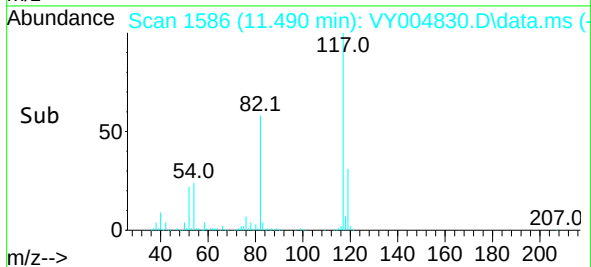
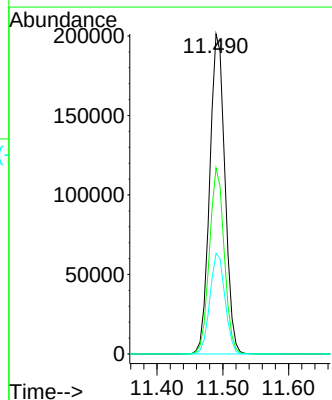
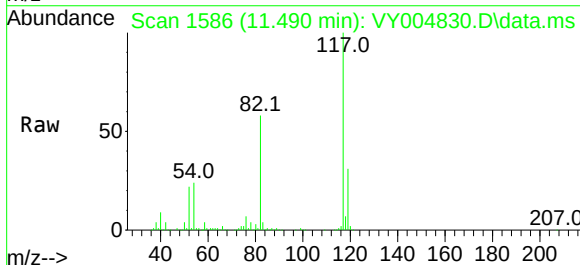
Instrument :
MSVOA_Y
ClientSampled :

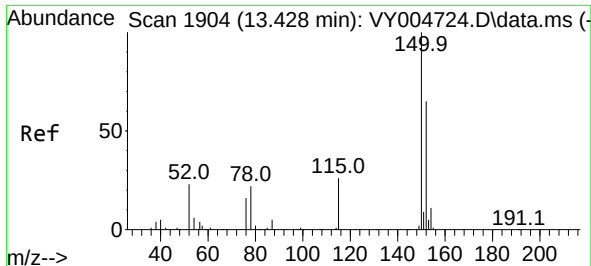
Tgt Ion: 95 Resp: 151775
Ion Ratio Lower Upper
95 100
174 80.8 0.0 164.2
176 78.6 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004830.D
Acq: 18 May 2021 16:38

Tgt Ion:117 Resp: 323910
Ion Ratio Lower Upper
117 100
82 58.2 45.4 68.2
119 31.5 25.8 38.6

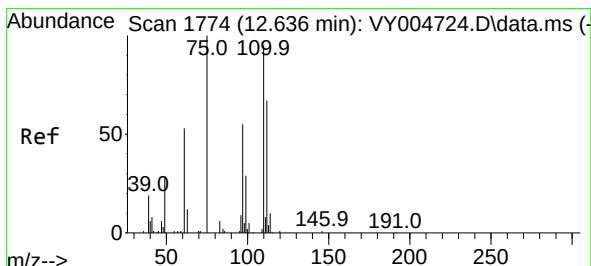
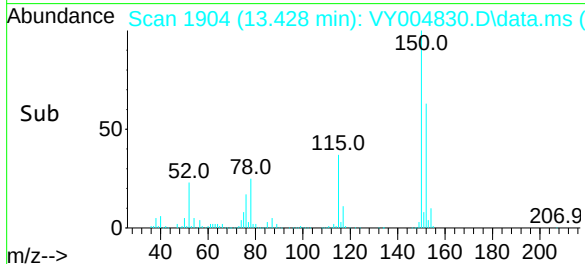
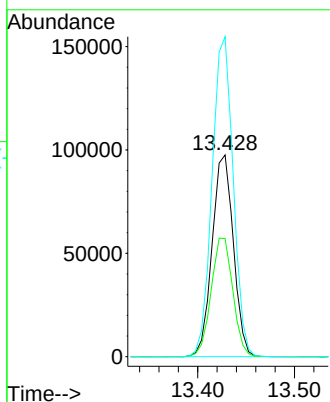
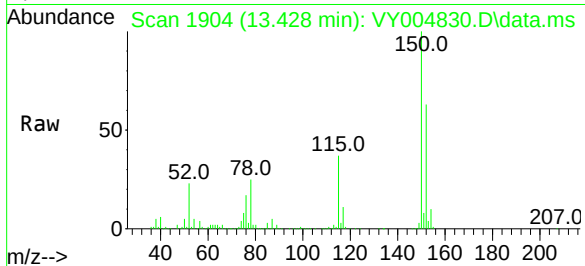




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004830.D
 Acq: 18 May 2021 16:38

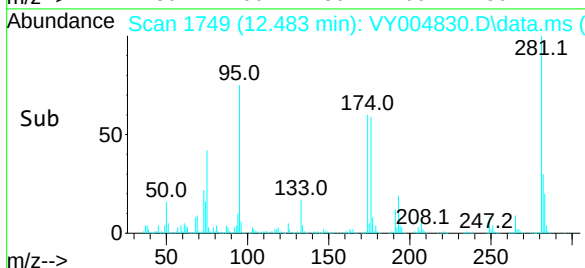
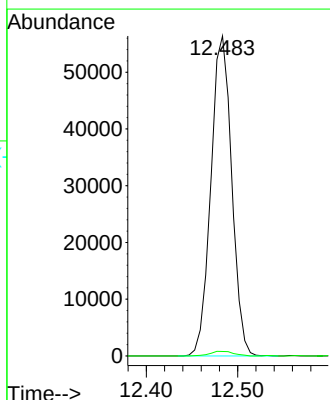
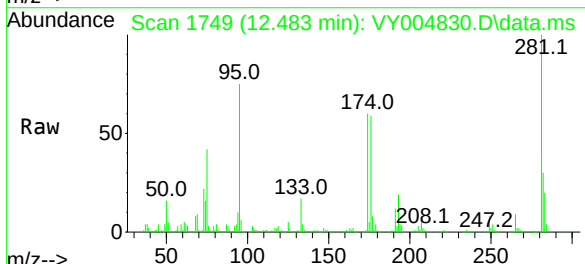
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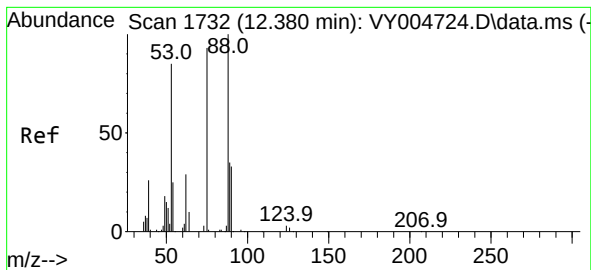
Tgt Ion:152 Resp: 149140
 Ion Ratio Lower Upper
 152 100
 115 60.1 29.4 88.3
 150 157.3 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 56.38 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004830.D
 Acq: 18 May 2021 16:38

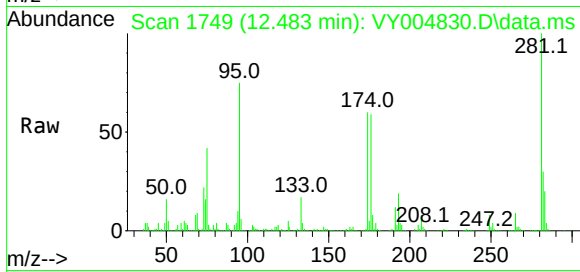
Tgt Ion: 75 Resp: 89311
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.76 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004830.D
 Acq: 18 May 2021 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 89311
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 2.5 35.5 53.3#

