

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004826.D
 Acq On : 18 May 2021 15:05
 Operator : SY/MD
 Sample : M2413-03RE
 Misc : 7.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:04:15 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)

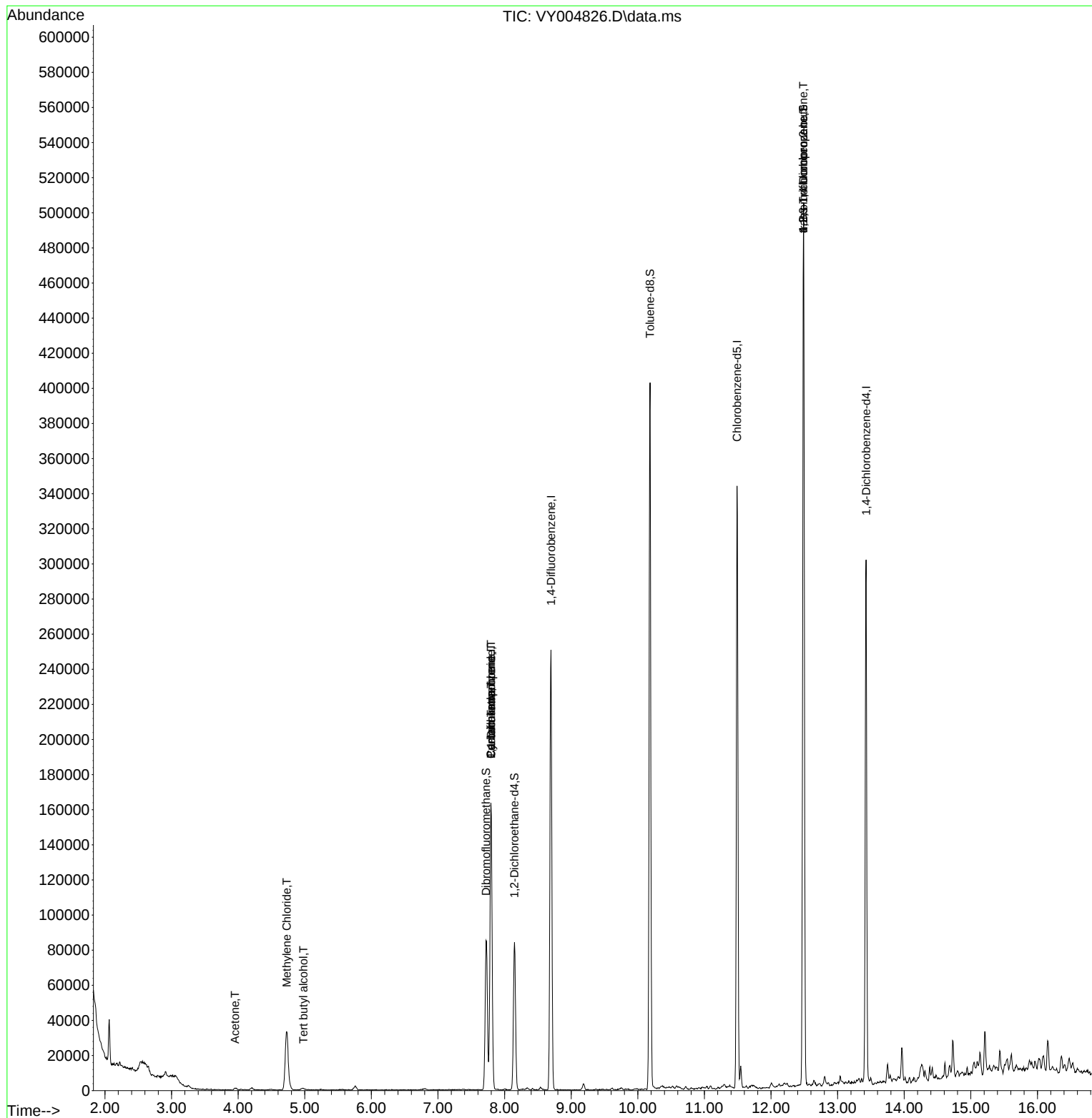
Internal Standards						
1) Pentafluorobenzene	7.795	168	120637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	204940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	65000	45.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.54%			
35) Dibromofluoromethane	7.722	113	60287	53.73	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.46%			
50) Toluene-d8	10.185	98	249934	49.31	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.62%			
62) 4-Bromofluorobenzene	12.483	95	74822	43.74	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.48%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.979	59	1995	13.82	ug/l #	79
16) Acetone	3.954	43	1918	5.95	ug/l #	77
20) Methylene Chloride	4.729	84	24278	9.29	ug/l	91
31) Cyclohexane	7.795	56	3323	1.43	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	10246	4.88	ug/l #	49
38) Carbon Tetrachloride	7.795	117	12532	6.64	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	43721	57.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43721	99.81	ug/l #	14

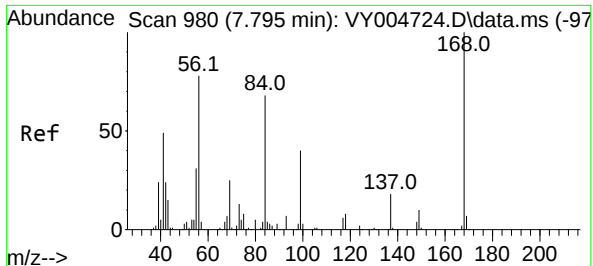
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

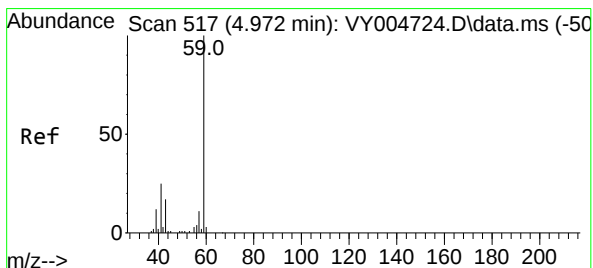
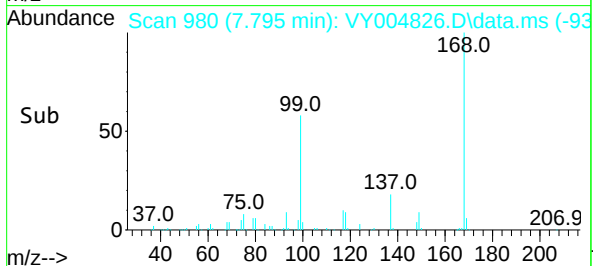
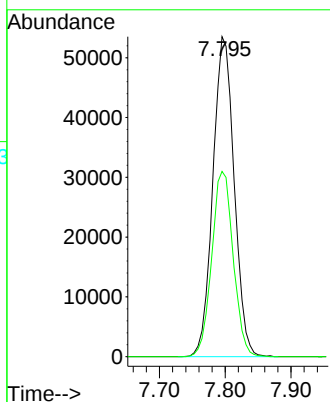
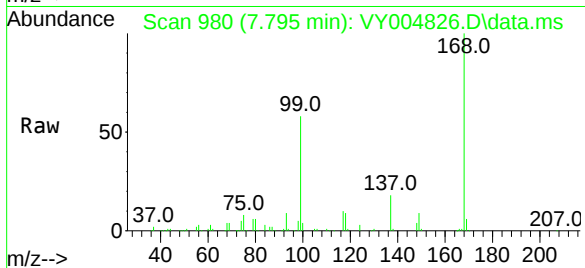




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05

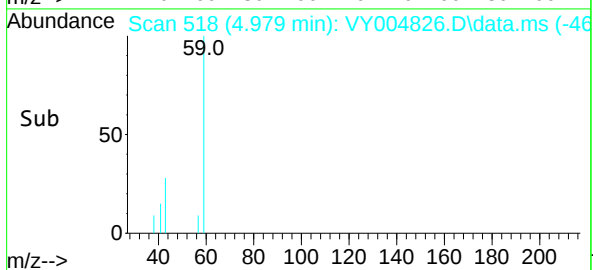
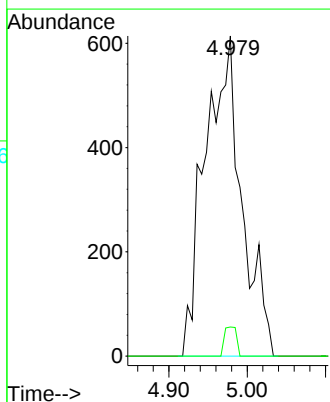
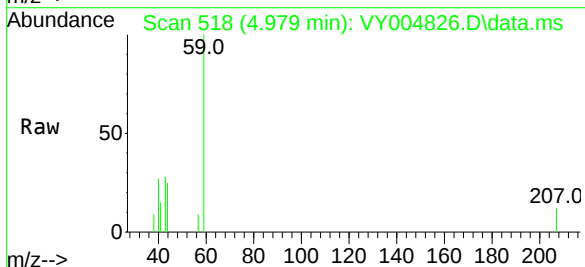
Instrument :
MSVOA_Y
ClientSampled :

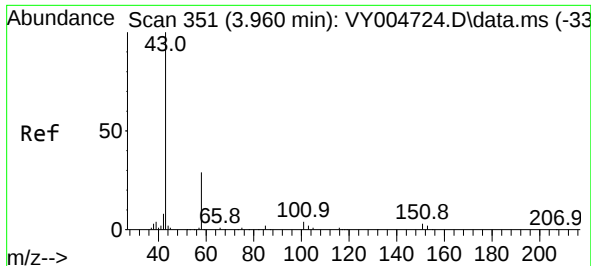
Tgt Ion:168 Resp: 120637
Ion Ratio Lower Upper
168 100
99 57.9 45.6 68.4



#11
Tert butyl alcohol
Concen: 13.82 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05

Tgt Ion: 59 Resp: 1995
Ion Ratio Lower Upper
59 100
57 3.0 8.7 13.1#

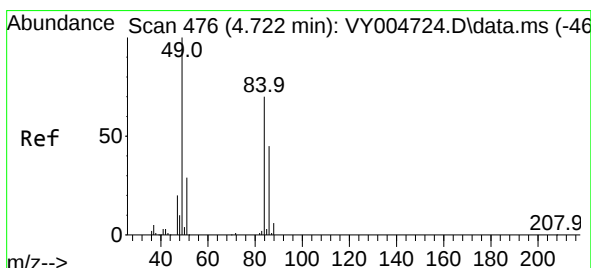
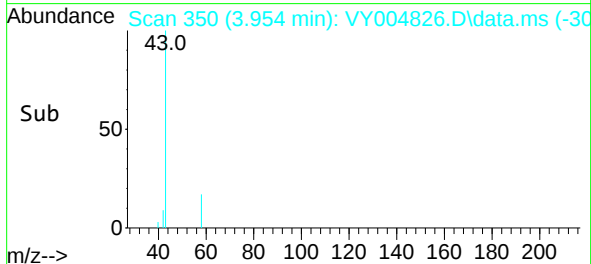
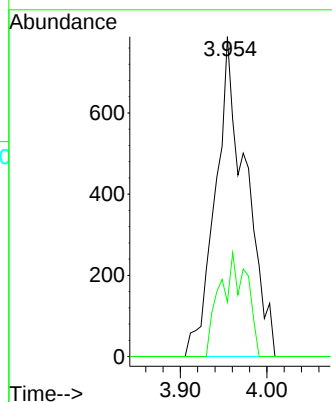
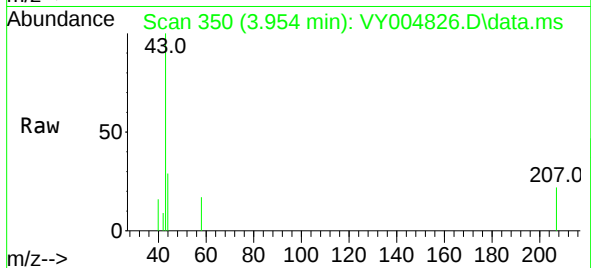




#16
Acetone
Concen: 5.95 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05

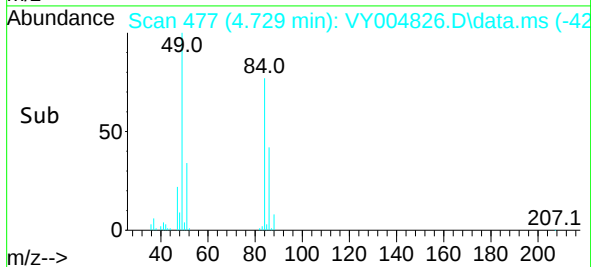
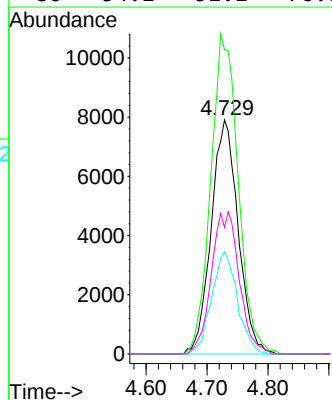
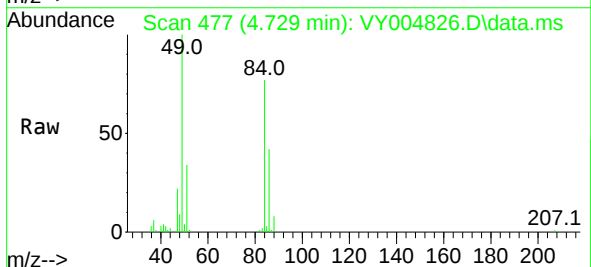
Instrument :
MSVOA_Y
ClientSampled :

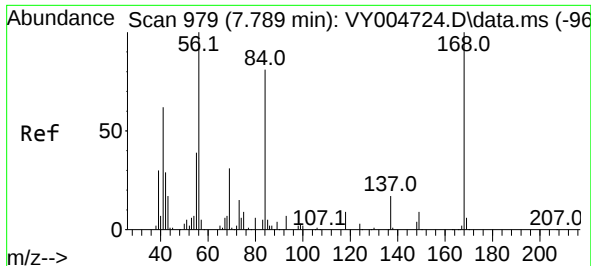
Tgt Ion: 43 Resp: 1918
Ion Ratio Lower Upper
43 100
58 17.0 23.6 35.4#



#20
Methylene Chloride
Concen: 9.29 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05

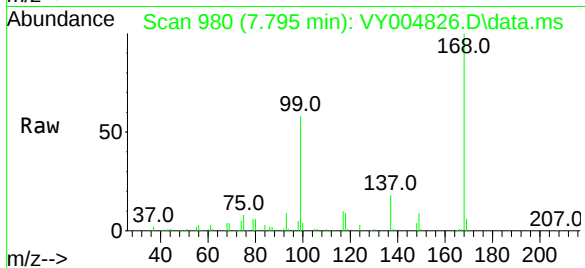
Tgt Ion: 84 Resp: 24278
Ion Ratio Lower Upper
84 100
49 130.0 113.8 170.8
51 43.8 33.5 50.3
86 54.1 51.1 76.7



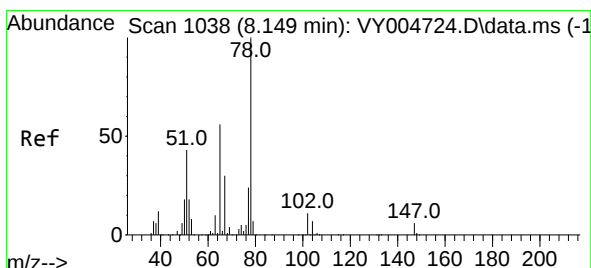
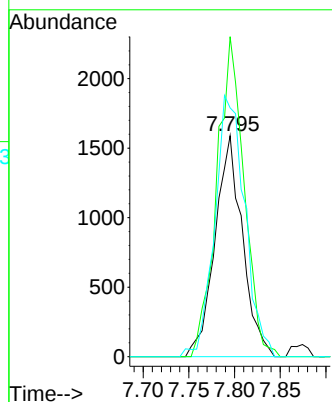
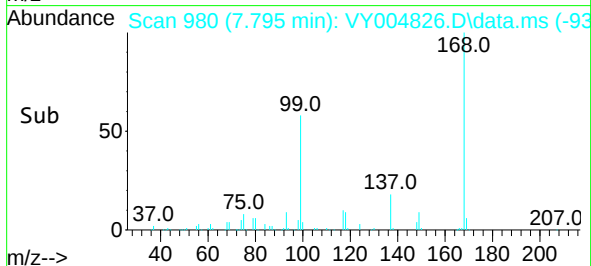


#31
Cyclohexane
Concen: 1.43 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05

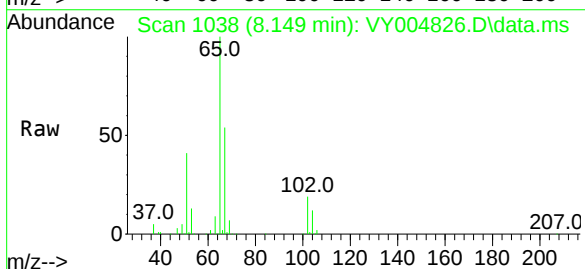
Instrument :
MSVOA_Y
ClientSampled :



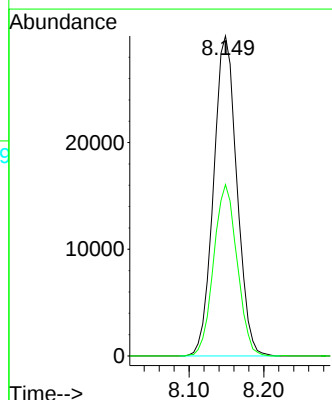
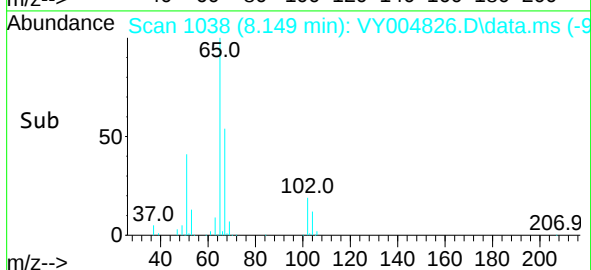
Tgt Ion: 56 Resp: 3323
Ion Ratio Lower Upper
56 100
69 144.8 24.4 36.6#
84 112.6 64.8 97.2#

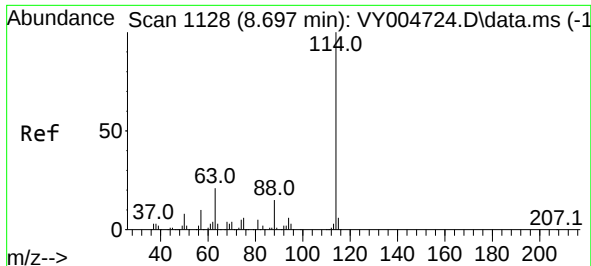


#33
1,2-Dichloroethane-d4
Concen: 45.27 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05



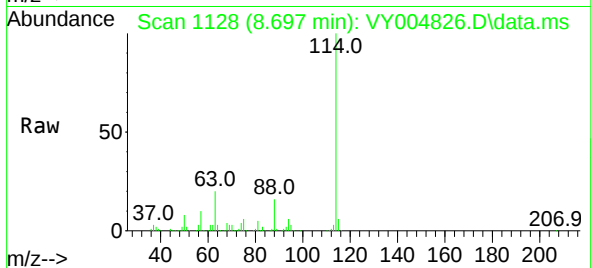
Tgt Ion: 65 Resp: 65000
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.0



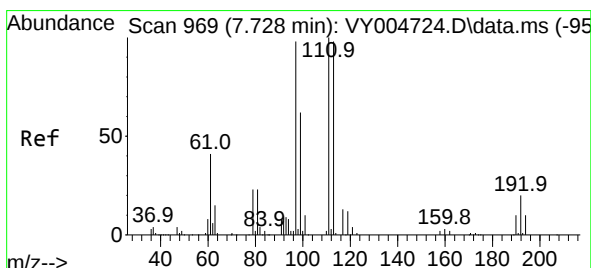
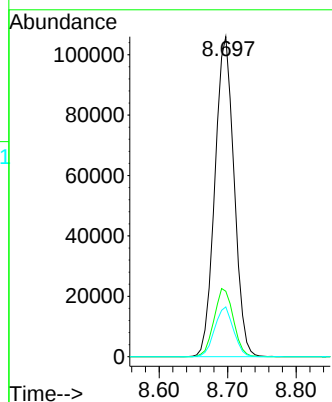
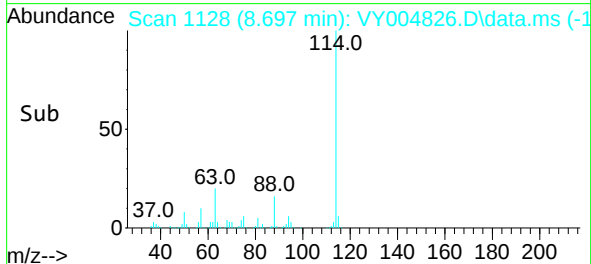


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05

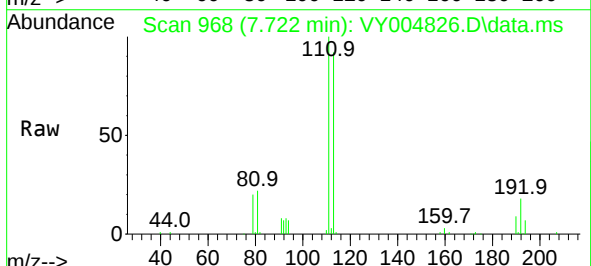
Instrument :
MSVOA_Y
ClientSampled :



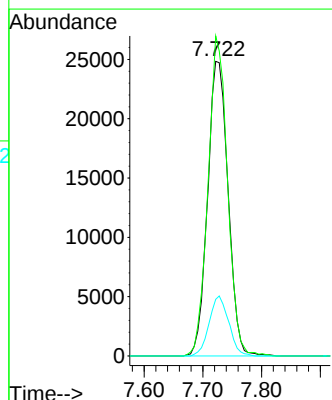
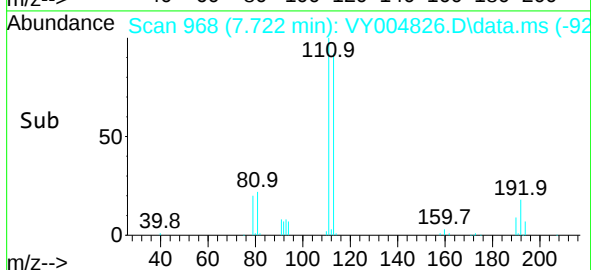
Tgt Ion:114 Resp: 204940
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 15.5 0.0 31.0

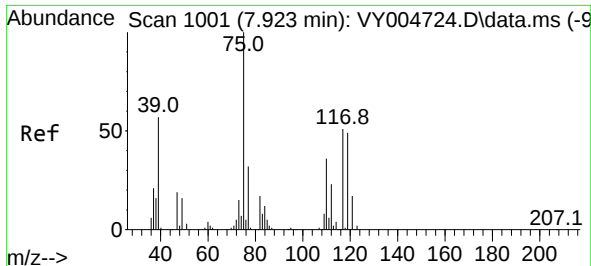


#35
Dibromofluoromethane
Concen: 53.73 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05



Tgt Ion:113 Resp: 60287
Ion Ratio Lower Upper
113 100
111 103.4 80.5 120.7
192 19.4 15.0 22.6





#36

1,1-Dichloropropene

Concen: 4.88 ug/l

RT: 7.795 min Scan# 980

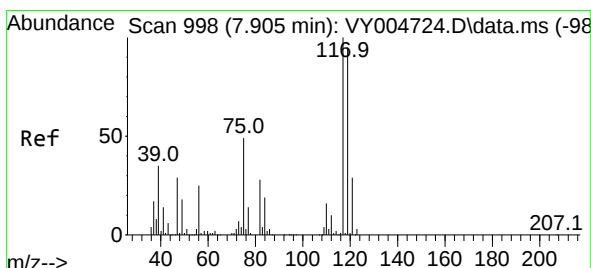
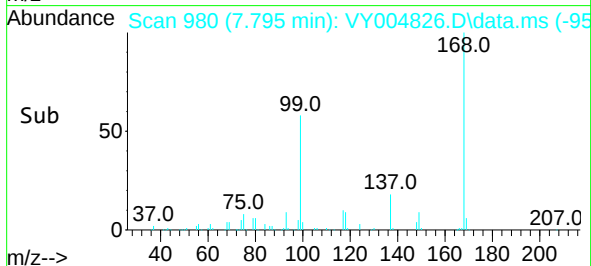
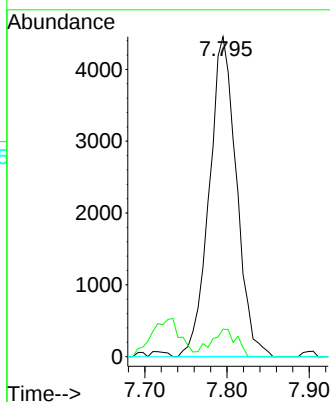
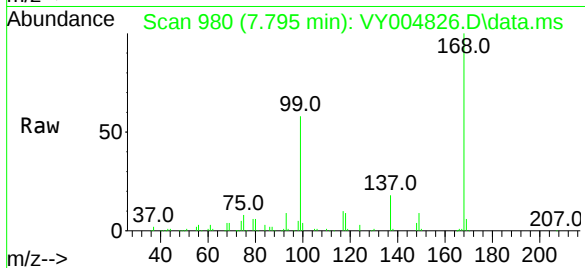
Delta R.T. -0.128 min

Lab File: VY004826.D

Acq: 18 May 2021 15:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75	Resp: 10246
Ion Ratio	Lower Upper
75 100	
110 8.1	17.0 50.9#
77 0.0	25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.64 ug/l

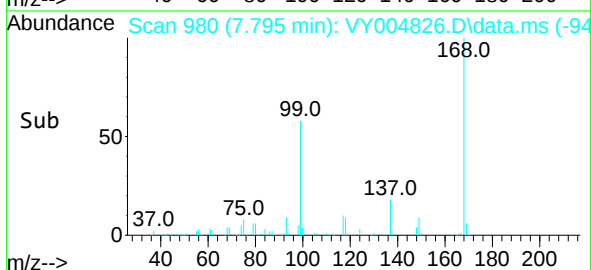
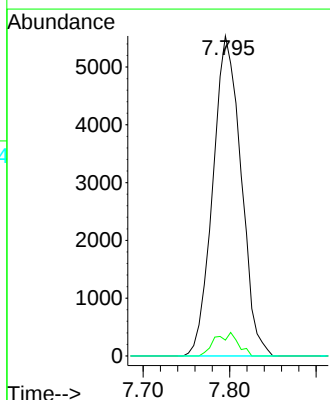
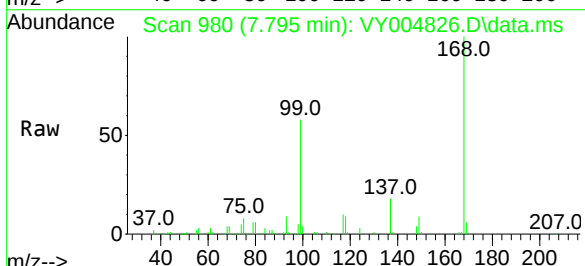
RT: 7.795 min Scan# 980

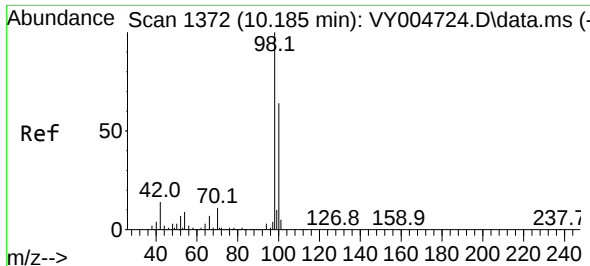
Delta R.T. -0.110 min

Lab File: VY004826.D

Acq: 18 May 2021 15:05

Tgt Ion: 117	Resp: 12532
Ion Ratio	Lower Upper
117 100	
119 4.9	76.3 114.5#
121 0.0	23.0 34.6#

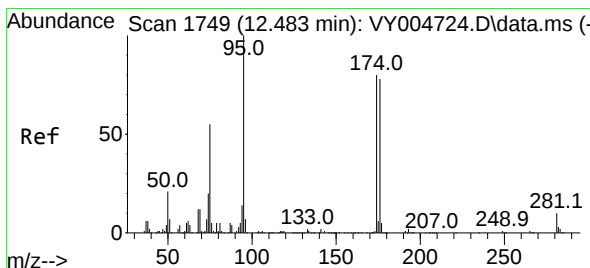
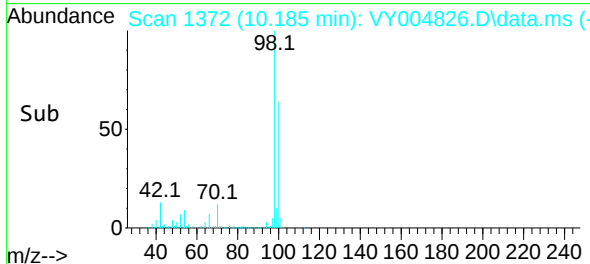
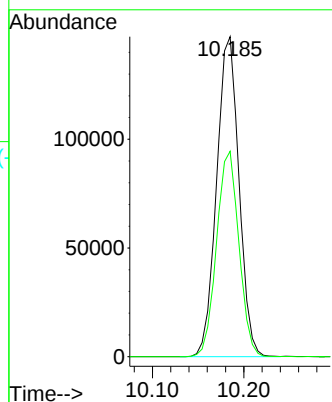
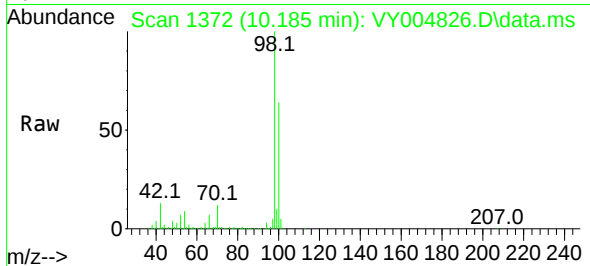




#50
Toluene-d8
Concen: 49.31 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05

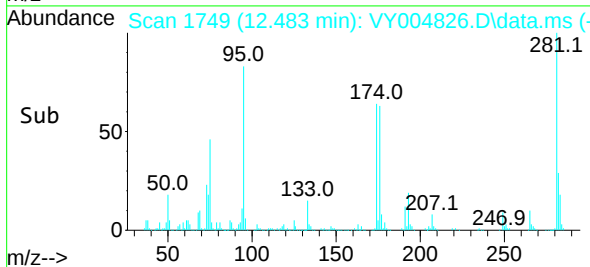
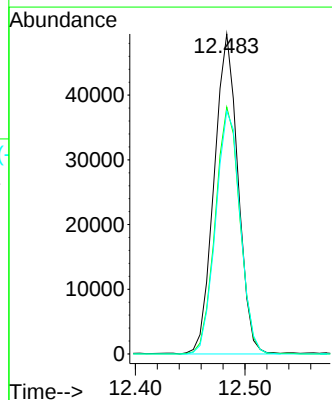
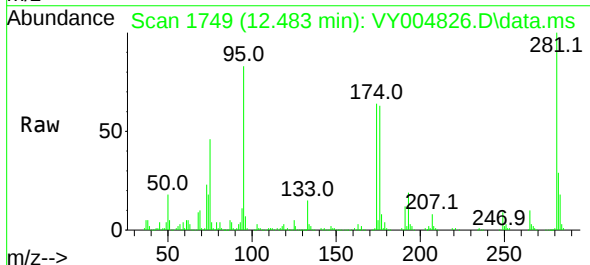
Instrument :
MSVOA_Y
ClientSampled :

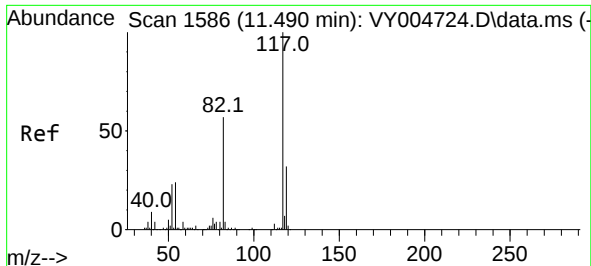
Tgt Ion: 98 Resp: 249934
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 43.74 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05

Tgt Ion: 95 Resp: 74822
Ion Ratio Lower Upper
95 100
174 79.3 0.0 164.2
176 78.1 0.0 159.0

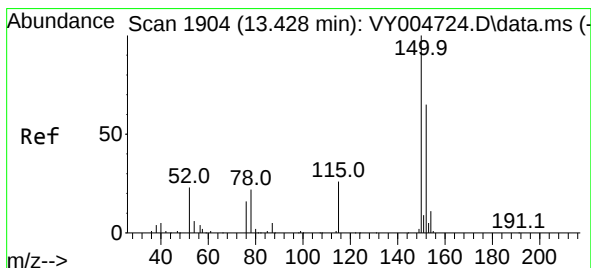
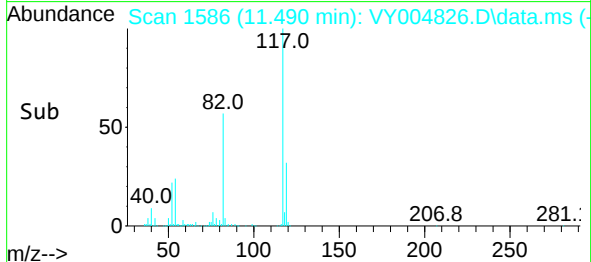
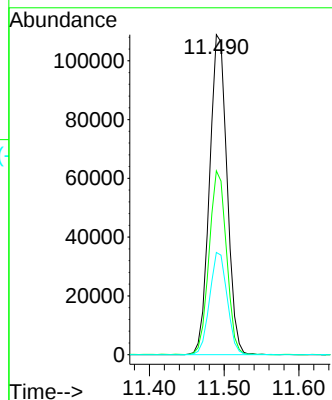
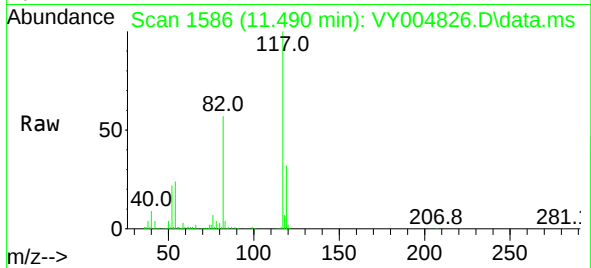




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05

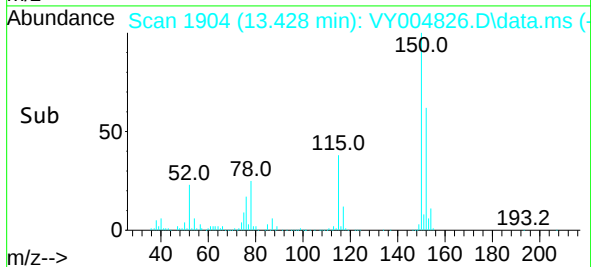
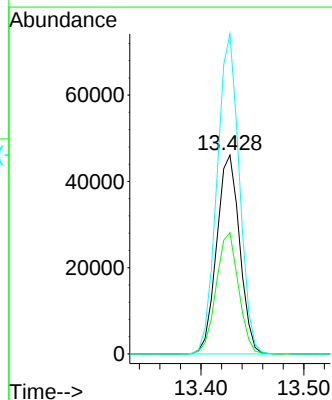
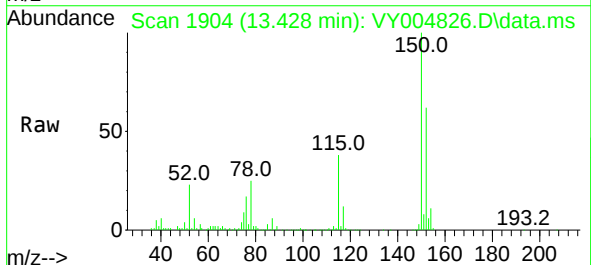
Instrument :
MSVOA_Y
ClientSampleId :

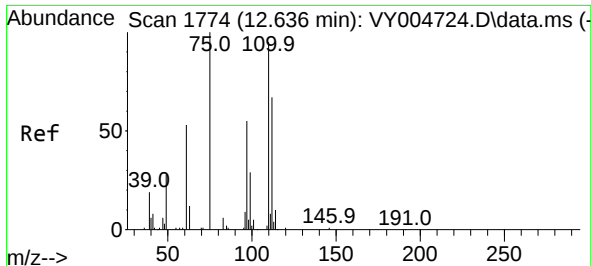
Tgt Ion:117 Resp: 176785
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.2
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05

Tgt Ion:152 Resp: 71510
Ion Ratio Lower Upper
152 100
115 59.6 29.4 88.3
150 156.0 0.0 349.8

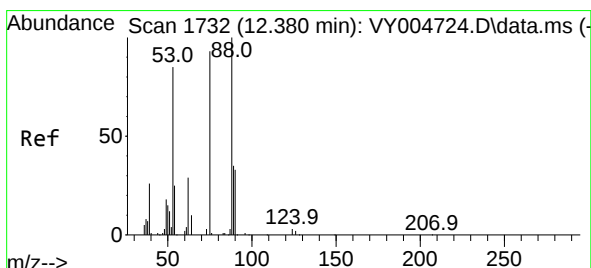
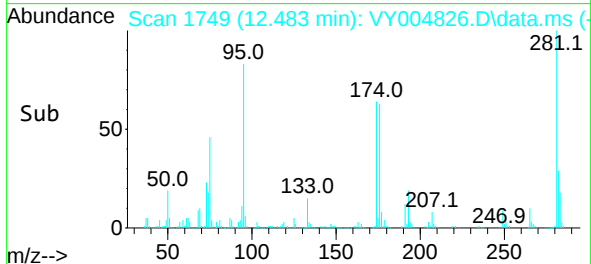
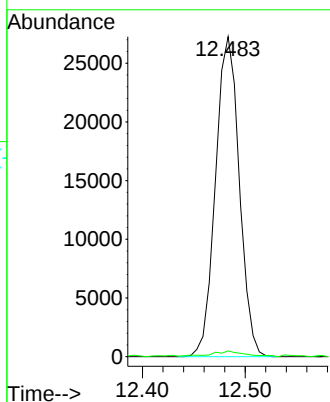
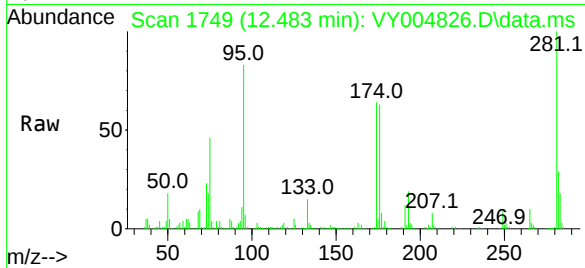




#76
1,2,3-Trichloropropane
Concen: 57.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 43721
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.81 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004826.D
Acq: 18 May 2021 15:05

Tgt Ion: 75 Resp: 43721
Ion Ratio Lower Upper
75 100
53 0.1 73.9 110.9#
89 2.5 35.5 53.3#

