

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005950.D
 Acq On : 07 Sep 2021 17:34
 Operator : SY/MD
 Sample : M3657-02
 Misc : 6.84G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 08 02:14:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

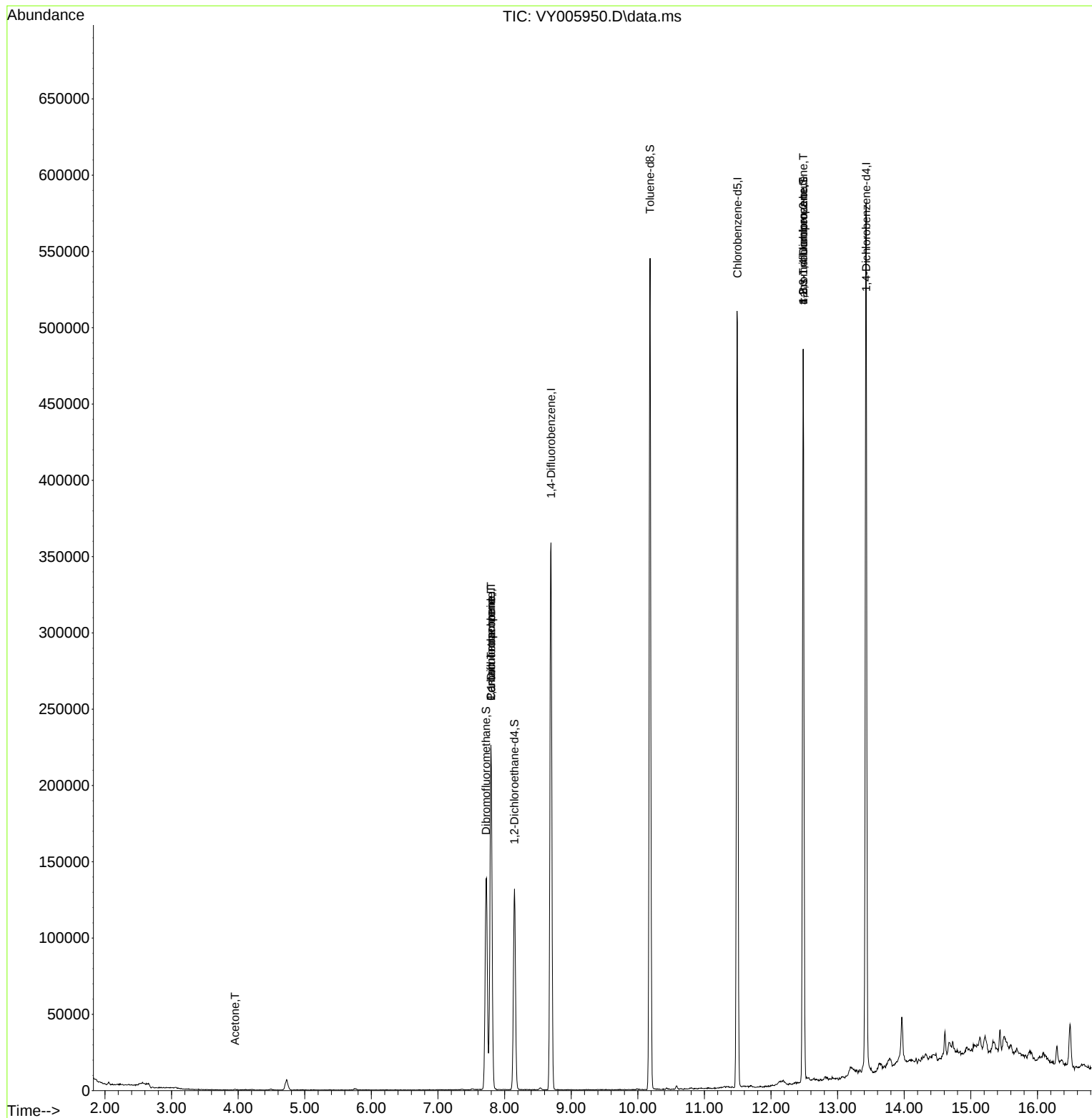
Internal Standards						
1) Pentafluorobenzene	7.795	168	188211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	319745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	293498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105695	55.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.460%	
35) Dibromofluoromethane	7.722	113	96364	53.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.320%	
50) Toluene-d8	10.185	98	358850	47.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.240%	
62) 4-Bromofluorobenzene	12.483	95	130224	51.462	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.920%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	728	1.505	ug/l #	71
20) Methylene Chloride	4.722	84	5248	Below Cal		95
36) 1,1-Dichloropropene	7.795	75	11983	3.980	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16046	4.917	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	66220	46.861	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66220	89.118	ug/l #	14

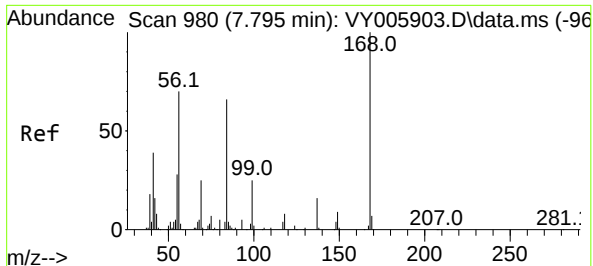
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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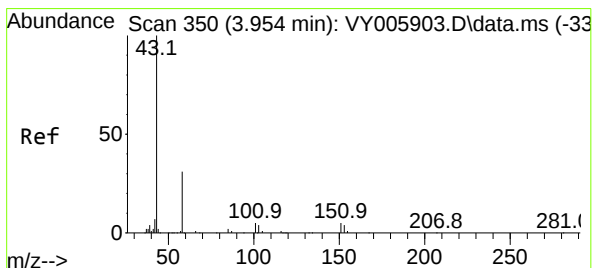
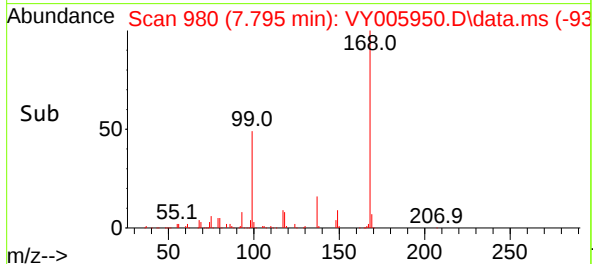
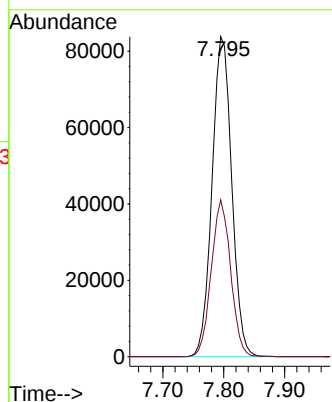
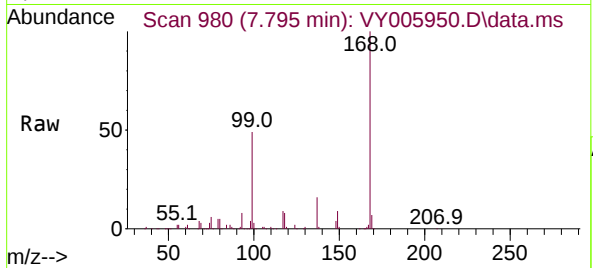




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

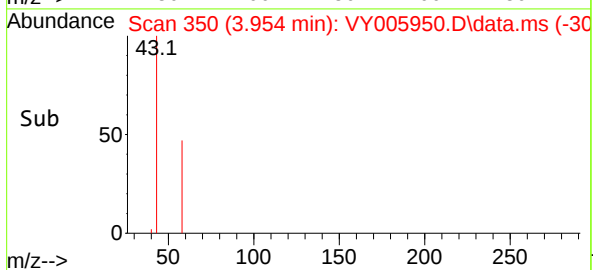
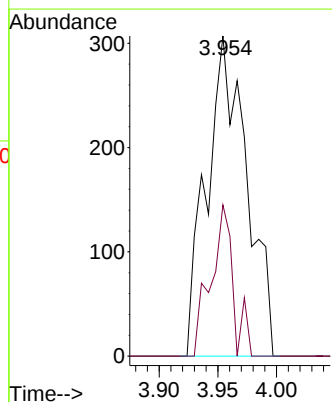
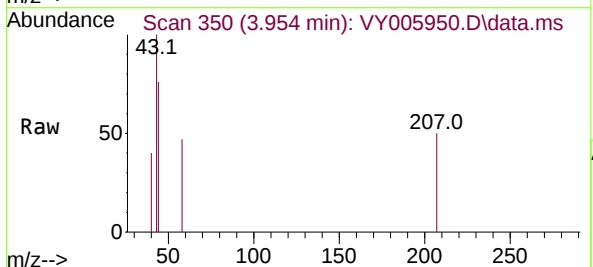
Instrument :
MSVOA_Y
ClientSampleId :

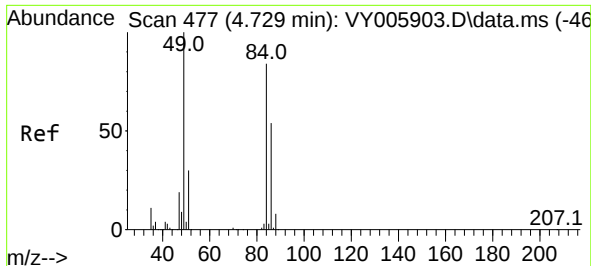
Tgt Ion:168 Resp: 188211
Ion Ratio Lower Upper
168 100
99 49.0 40.6 60.8



#16
Acetone
Concen: 1.505 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

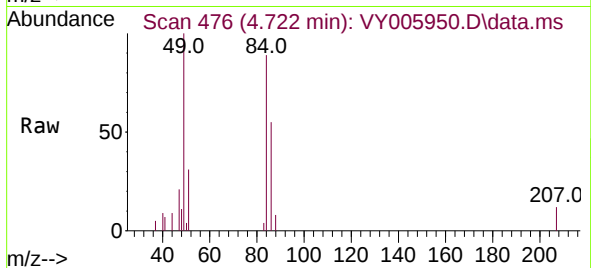
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 47.2 25.1 37.7#



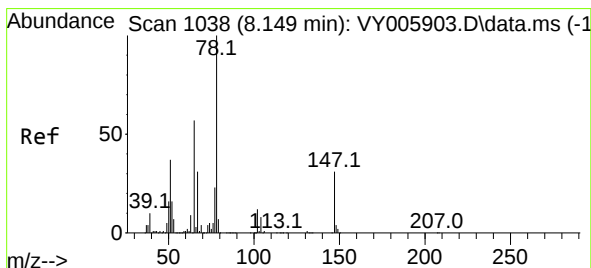
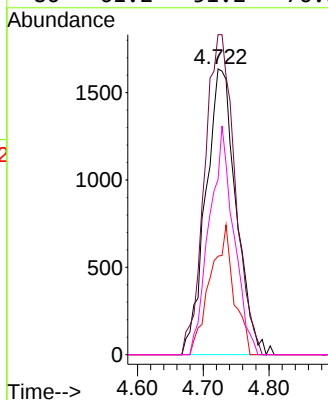
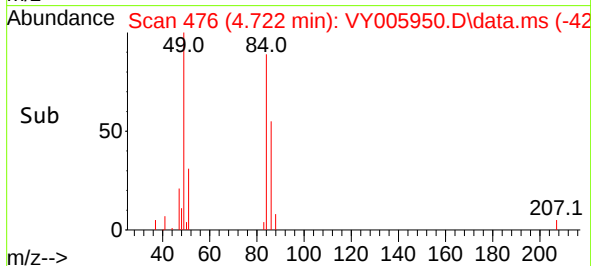


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

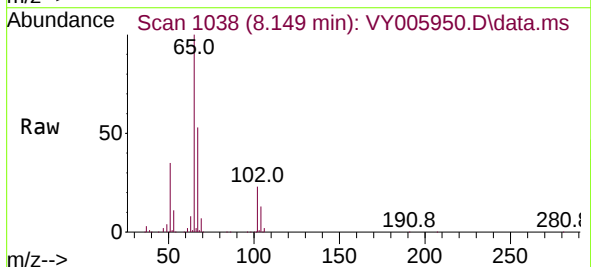
Instrument :
MSVOA_Y
ClientSampleId :



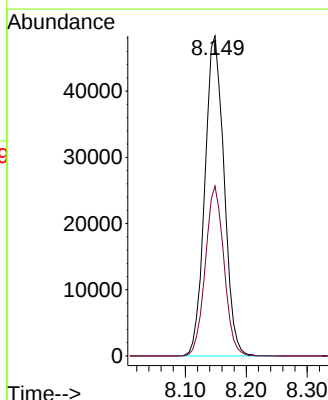
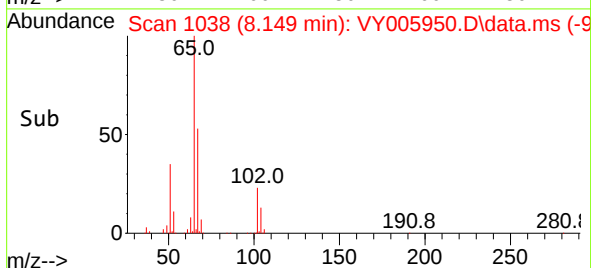
Tgt Ion:	84	Resp:	5248
Ion	Ratio	Lower	Upper
84	100		
49	112.0	95.7	143.5
51	34.5	29.0	43.6
86	61.2	51.2	76.8

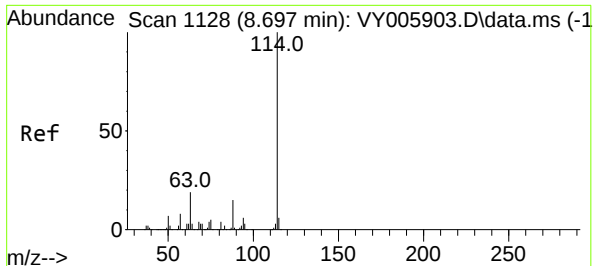


#33
1,2-Dichloroethane-d4
Concen: 55.727 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34



Tgt Ion:	65	Resp:	105695
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.4

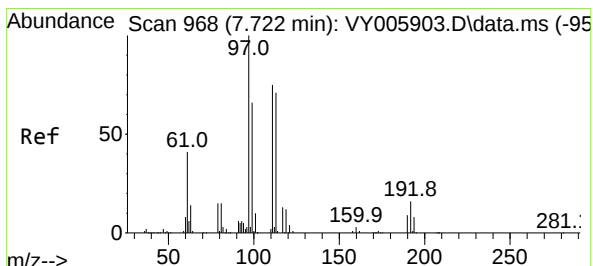
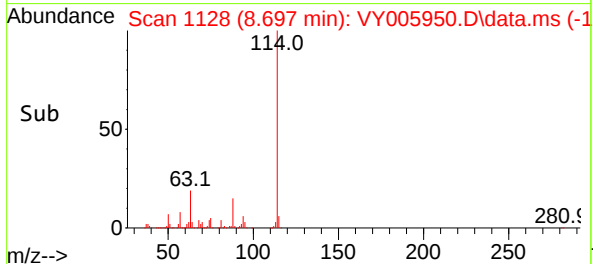
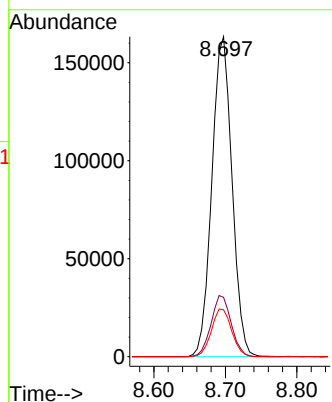
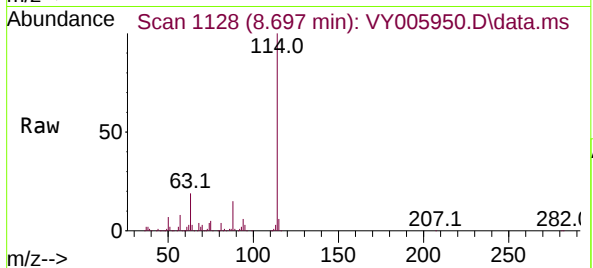




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

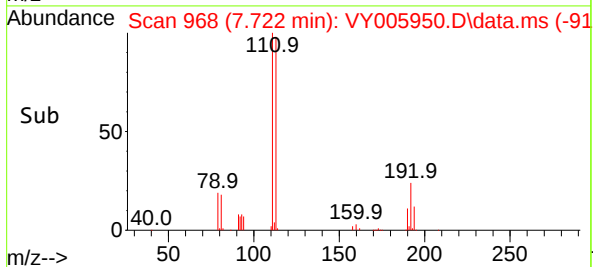
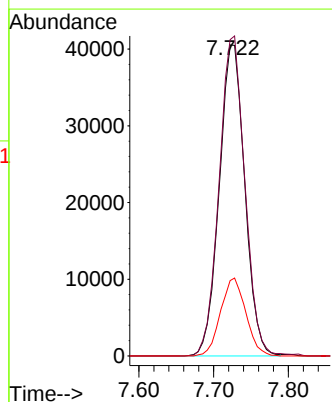
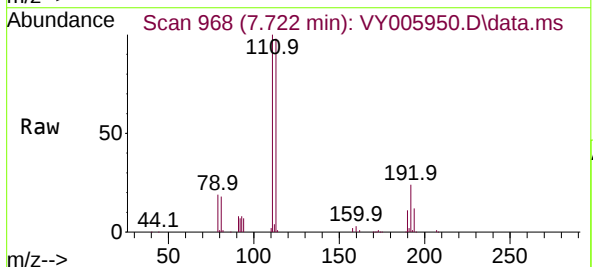
Instrument :
MSVOA_Y
ClientSampleId :

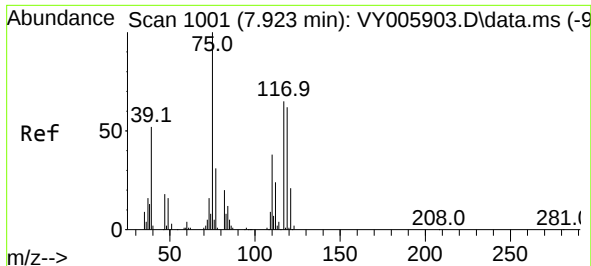
Tgt Ion:	114	Resp:	319745
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.4
88	14.6	0.0	30.0



#35
Dibromofluoromethane
Concen: 53.664 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

Tgt Ion:	113	Resp:	96364
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	24.8	19.4	29.0





#36

1,1-Dichloropropene

Concen: 3.980 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005950.D

Acq: 07 Sep 2021 17:34

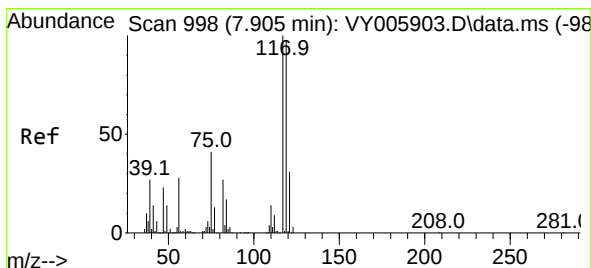
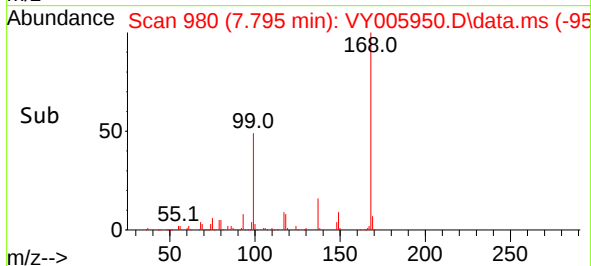
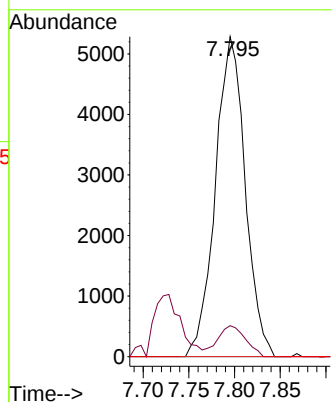
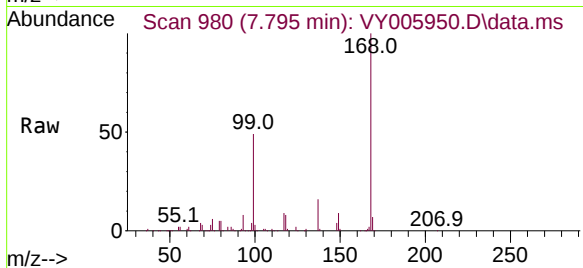
Tgt Ion: 75 Resp: 11983

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.917 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY005950.D

Acq: 07 Sep 2021 17:34

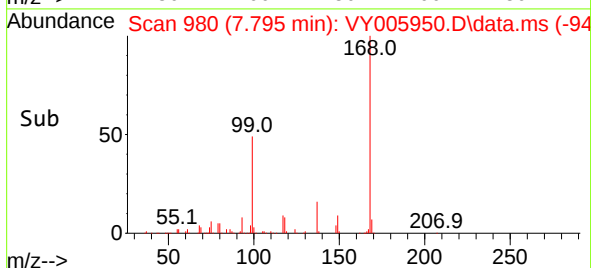
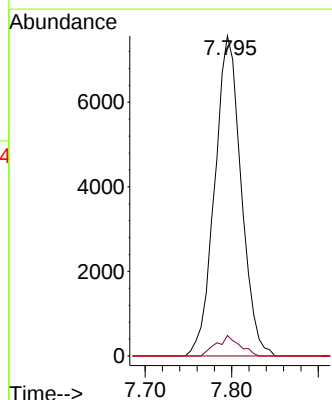
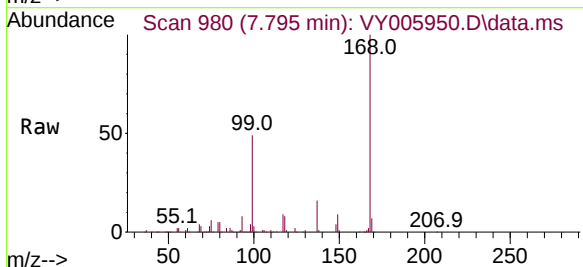
Tgt Ion: 117 Resp: 16046

Ion Ratio Lower Upper

117 100

119 6.4 77.5 116.3#

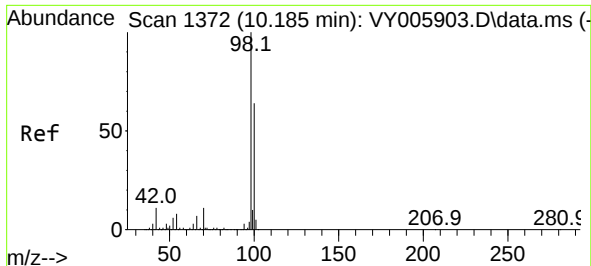
121 0.0 25.0 37.6#



Instrument :

MSVOA_Y

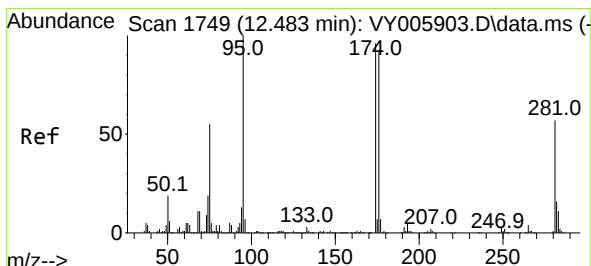
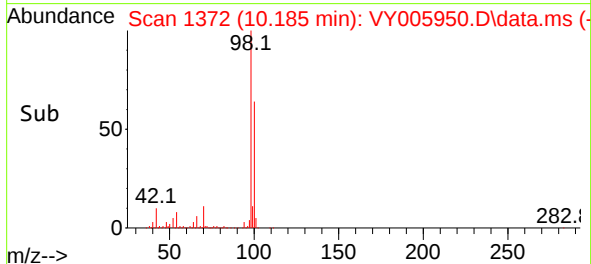
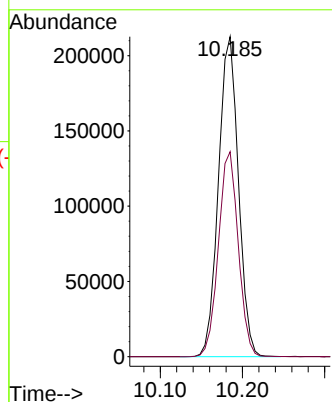
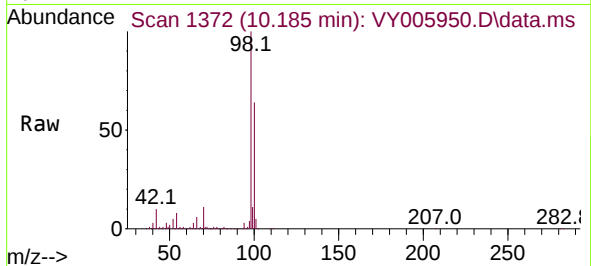
ClientSampleId :



#50
Toluene-d8
Concen: 47.617 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

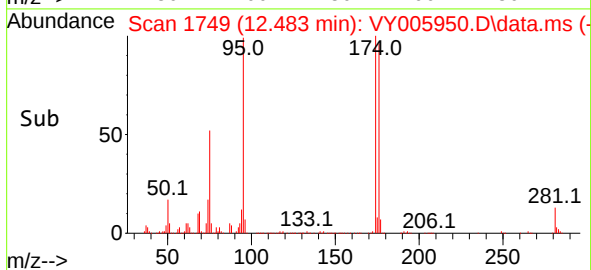
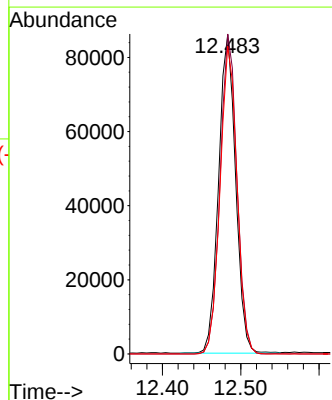
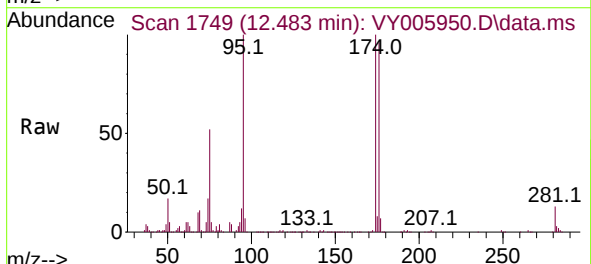
Instrument :
MSVOA_Y
ClientSampled :

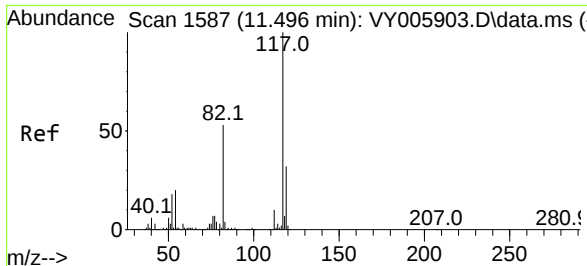
Tgt Ion: 98 Resp: 358850
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.462 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

Tgt Ion: 95 Resp: 130224
Ion Ratio Lower Upper
95 100
174 99.4 0.0 192.4
176 95.9 0.0 186.8

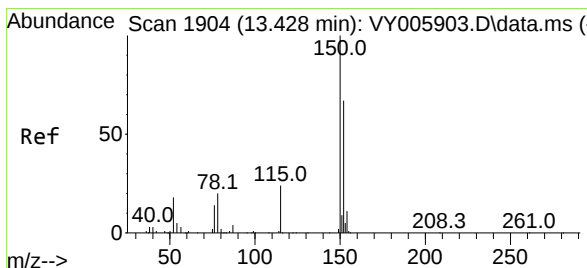
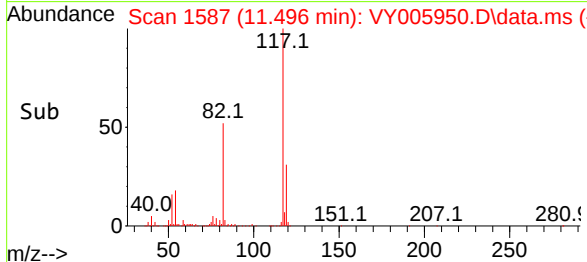
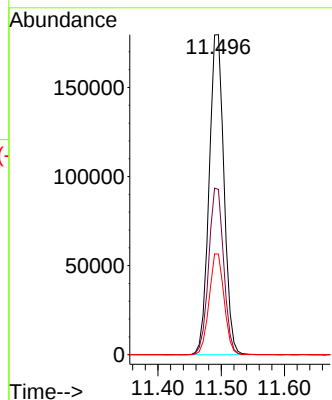
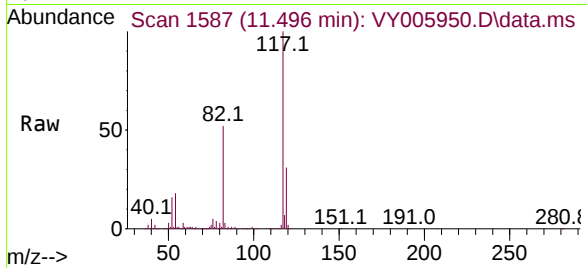




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

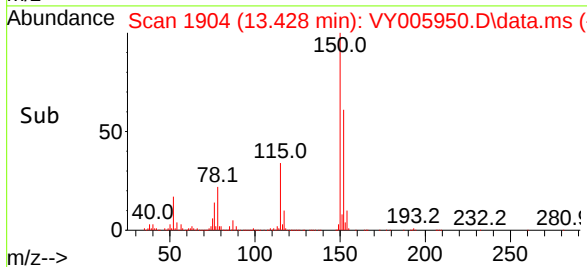
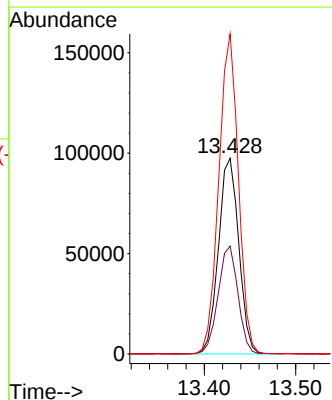
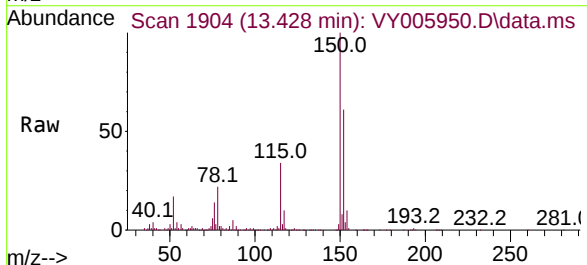
Instrument :
MSVOA_Y
ClientSampleId :

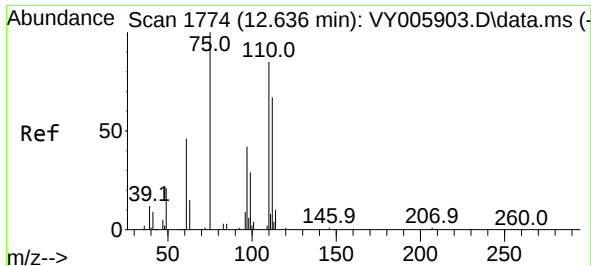
Tgt Ion:	117	Resp:	293498
Ion Ratio	Lower	Upper	
117	100		
82	51.7	42.4	63.6
119	31.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

Tgt Ion:	152	Resp:	150981
Ion Ratio	Lower	Upper	
152	100		
115	53.8	26.8	80.4
150	157.6	0.0	345.6

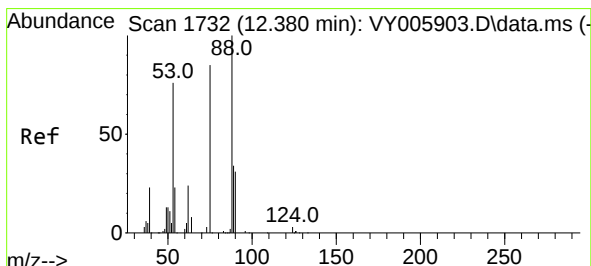
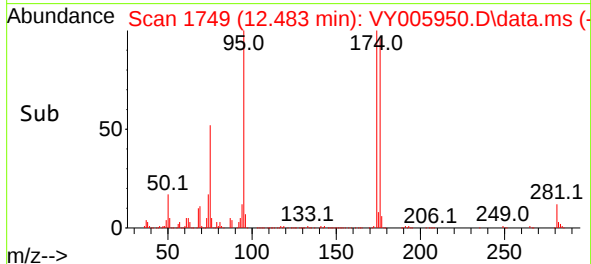
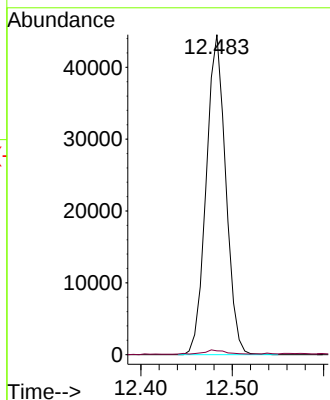
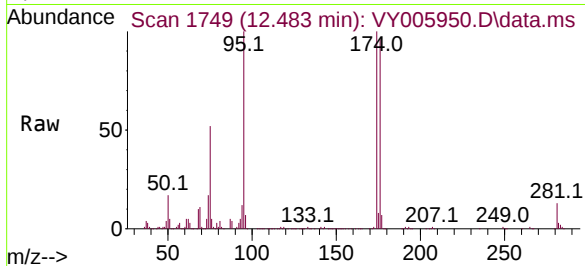




#76
1,2,3-Trichloropropane
Concen: 46.861 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 66220
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.118 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

Tgt Ion: 75 Resp: 66220
Ion Ratio Lower Upper
75 100
53 0.3 71.8 107.8#
89 0.0 35.8 53.6#

