

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005976.D
 Acq On : 09 Sep 2021 15:21
 Operator : SY/MD
 Sample : M3692-02
 Misc : 5.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 10 04:45:32 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)

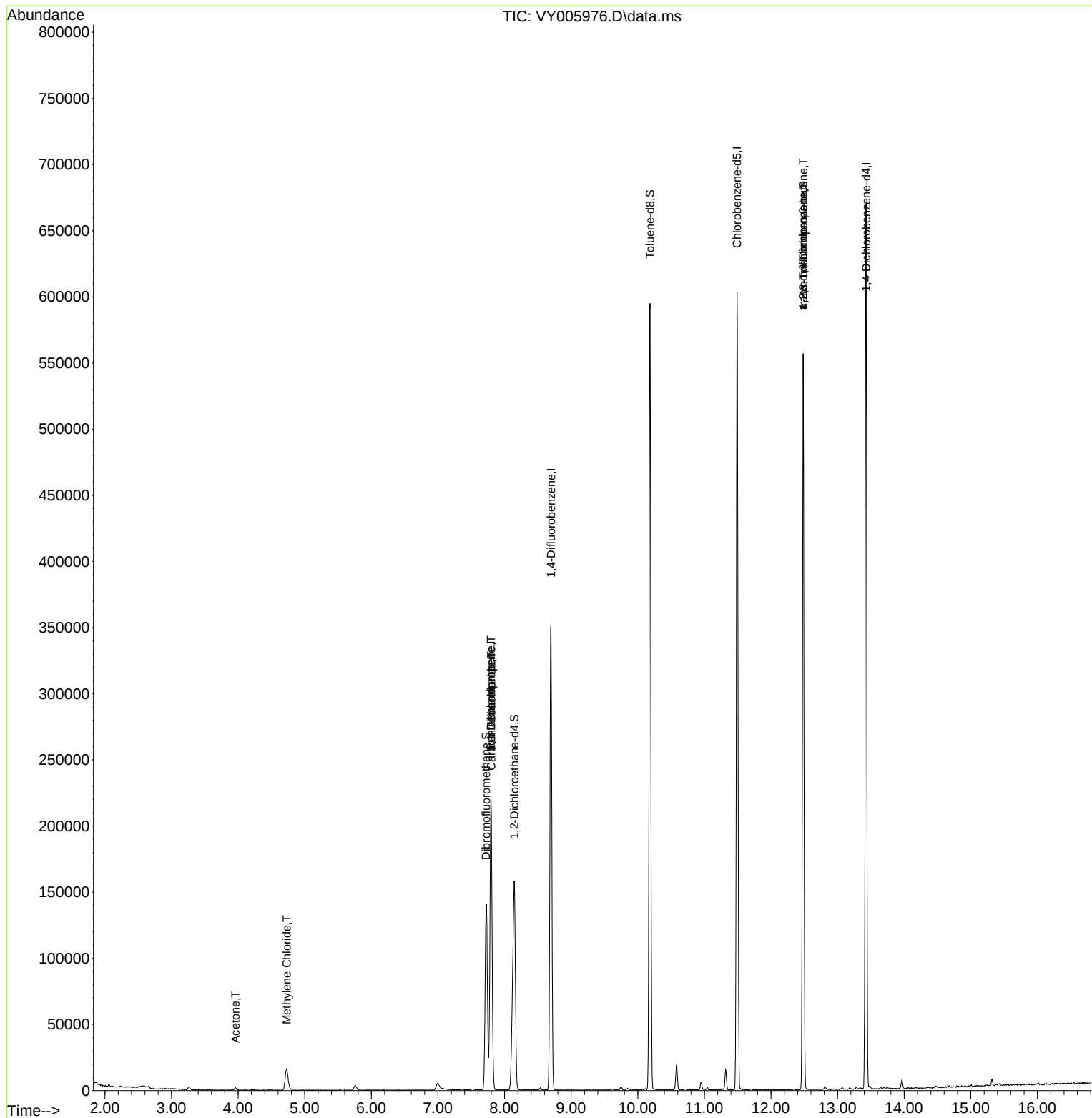
Internal Standards						
1) Pentafluorobenzene	7.795	168	187427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	342640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107518	56.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.860%	
35) Dibromofluoromethane	7.722	113	99548	55.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.640%	
50) Toluene-d8	10.185	98	402191	53.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	12.483	95	153439	61.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.100%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	3204	6.653	ug/l	94
20) Methylene Chloride	4.729	84	13033	2.229	ug/l	92
36) 1,1-Dichloropropene	7.795	75	12117	4.053	ug/l #	49
38) Carbon Tetrachloride	7.801	117	16920	5.221	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	77078	44.925	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77078	85.438	ug/l #	14

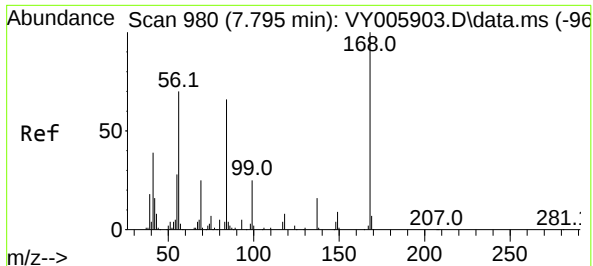
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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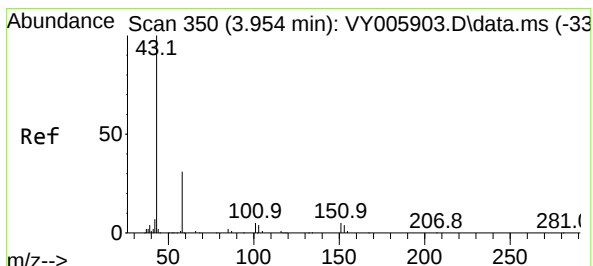
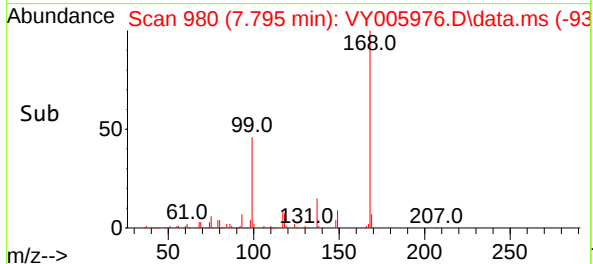
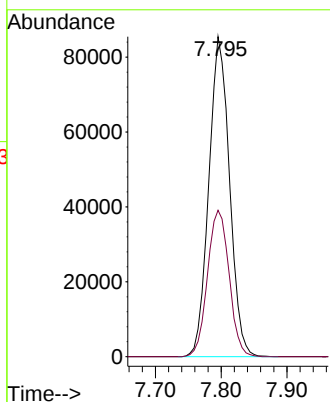
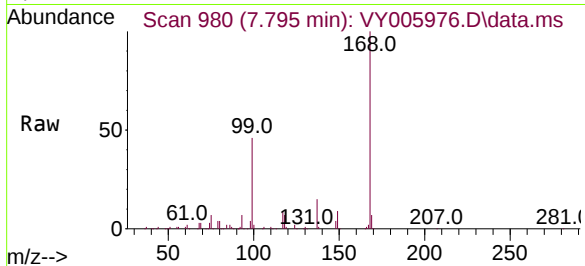




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

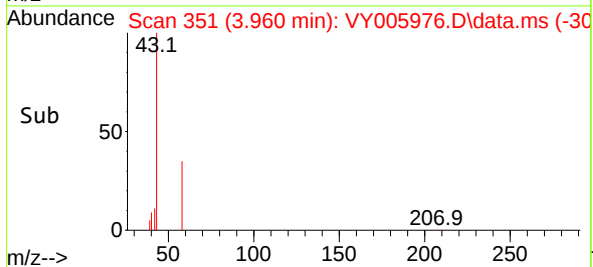
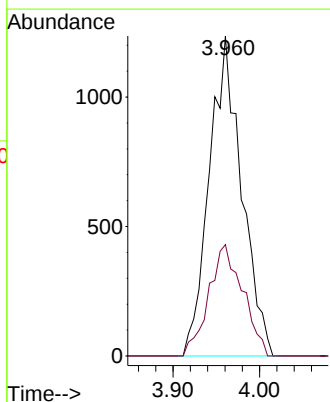
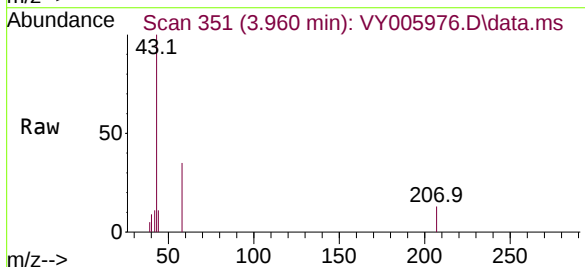
Instrument :
MSVOA_Y
ClientSampleId :

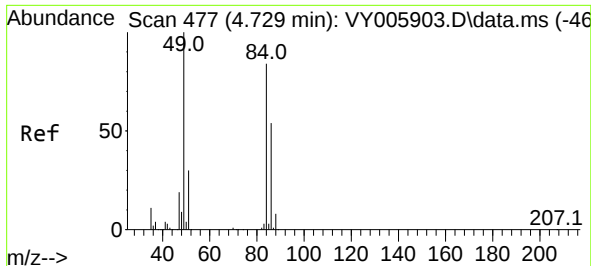
Tgt Ion:168 Resp: 187427
Ion Ratio Lower Upper
168 100
99 45.7 40.6 60.8



#16
Acetone
Concen: 6.653 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

Tgt Ion: 43 Resp: 3204
Ion Ratio Lower Upper
43 100
58 34.8 25.1 37.7

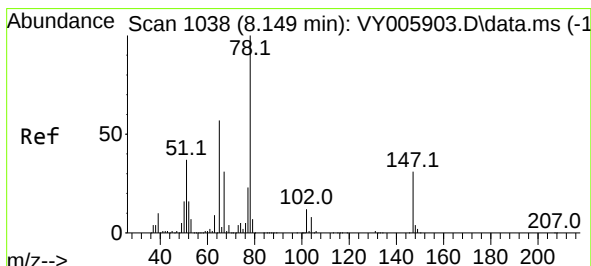
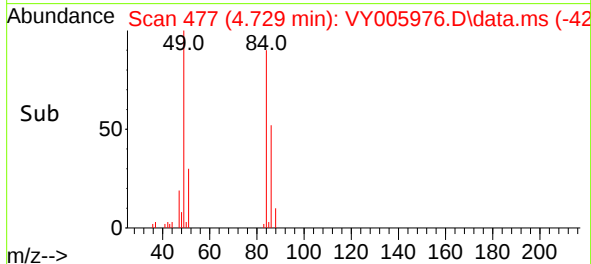
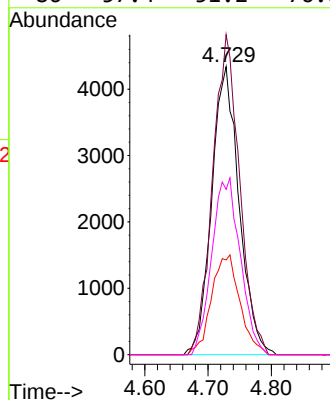
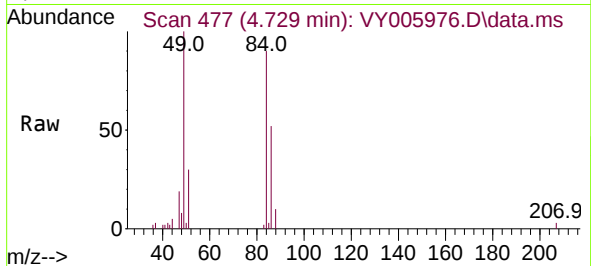




#20
Methylene Chloride
Concen: 2.229 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

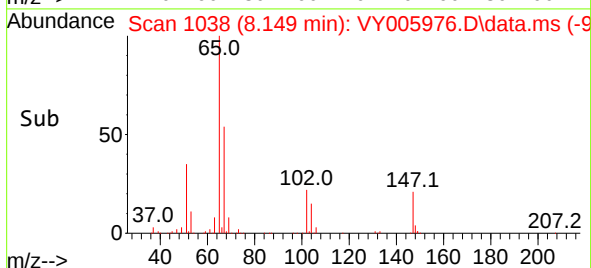
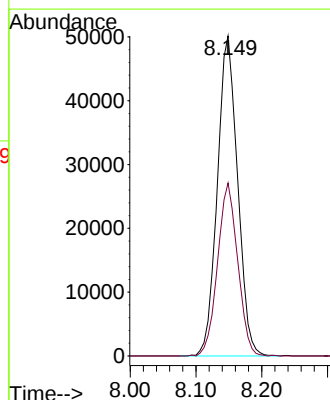
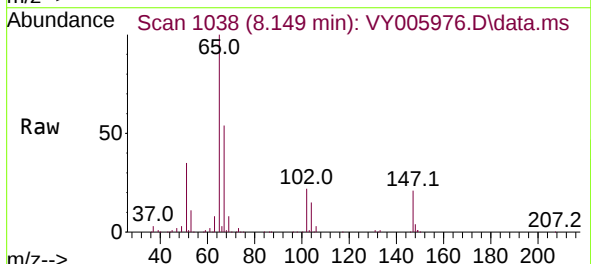
Instrument :
MSVOA_Y
ClientSampled :

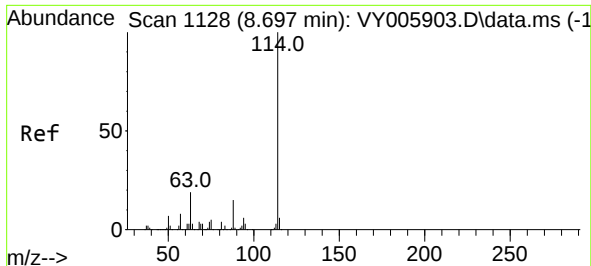
Tgt Ion:	84	Resp:	13033
Ion	Ratio	Lower	Upper
84	100		
49	111.1	95.7	143.5
51	32.9	29.0	43.6
86	57.4	51.2	76.8



#33
1,2-Dichloroethane-d4
Concen: 56.926 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

Tgt Ion:	65	Resp:	107518
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.4

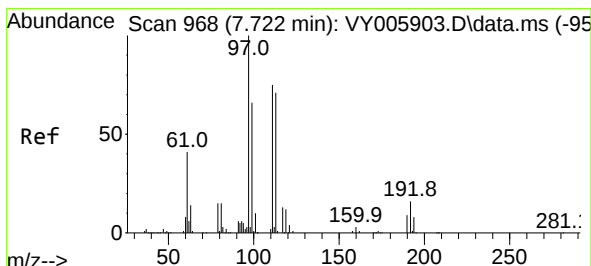
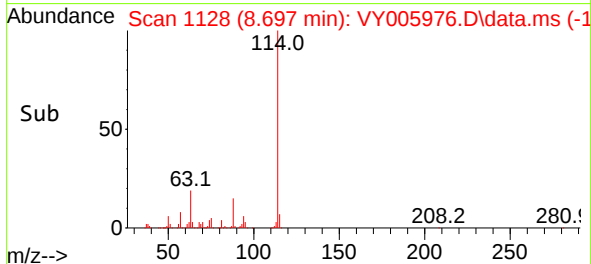
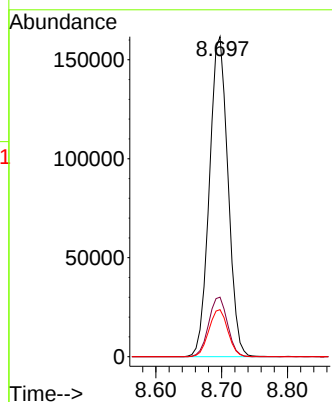
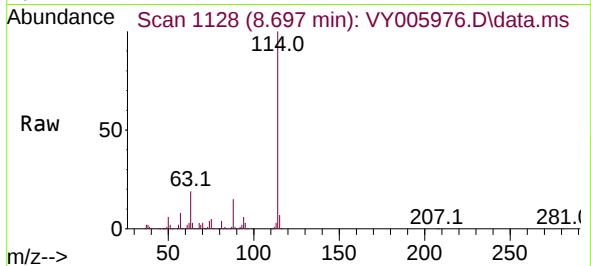




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

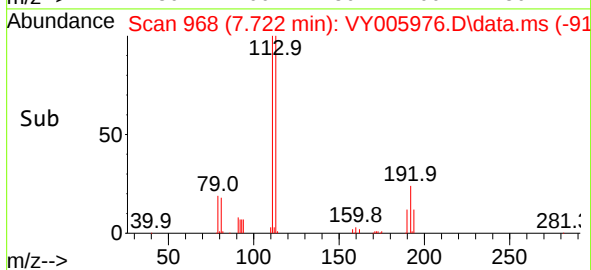
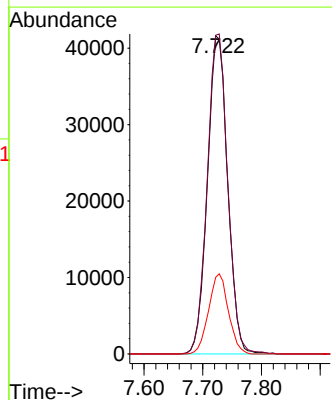
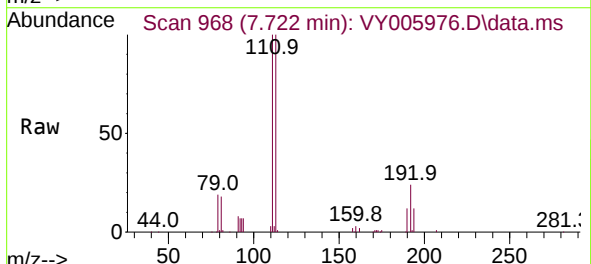
Instrument :
MSVOA_Y
ClientSampled :

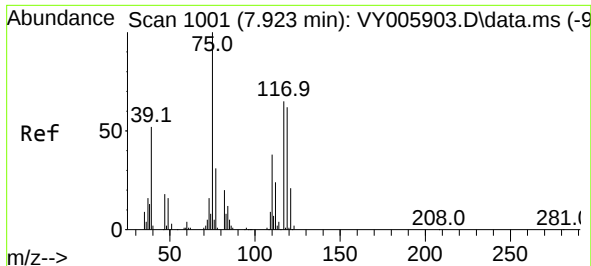
Tgt Ion:114 Resp: 317562
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 14.7 0.0 30.0



#35
Dibromofluoromethane
Concen: 55.819 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

Tgt Ion:113 Resp: 99548
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 24.6 19.4 29.0

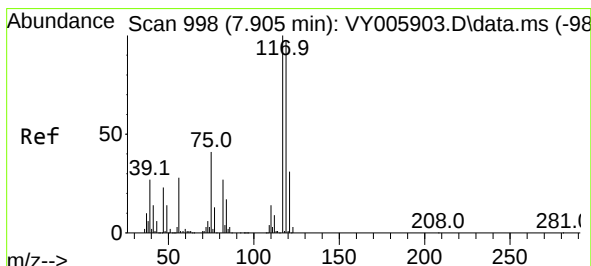
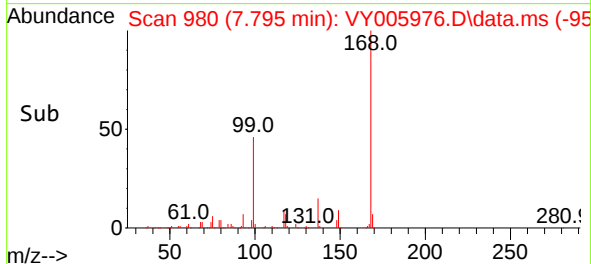
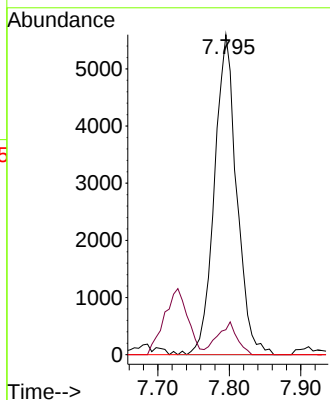
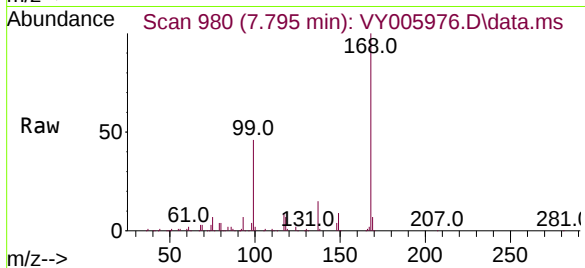




#36
1,1-Dichloropropene
Concen: 4.053 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

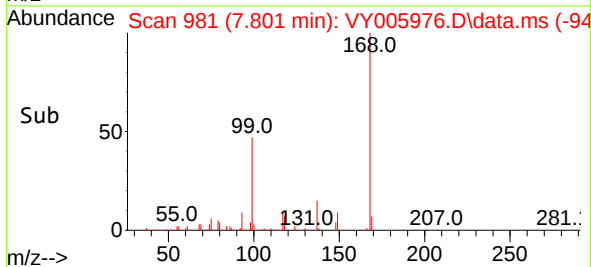
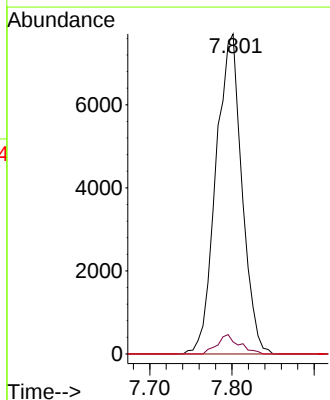
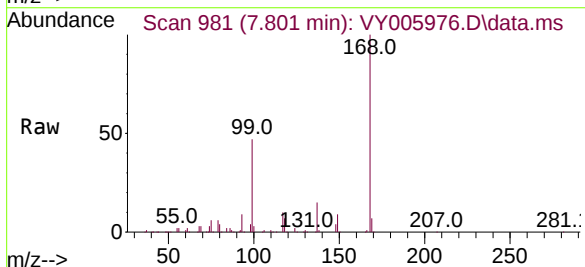
Instrument :
MSVOA_Y
ClientSampleId :

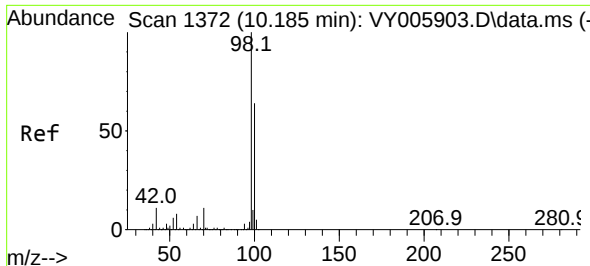
Tgt Ion: 75 Resp: 12117
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.221 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

Tgt Ion: 117 Resp: 16920
Ion Ratio Lower Upper
117 100
119 3.8 77.5 116.3#
121 0.0 25.0 37.6#

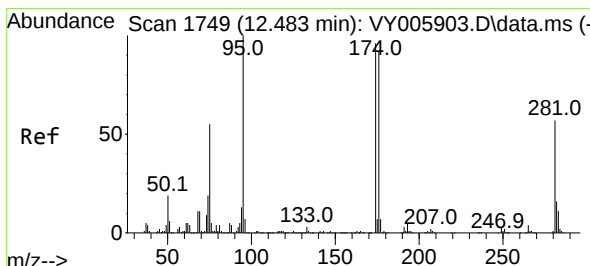
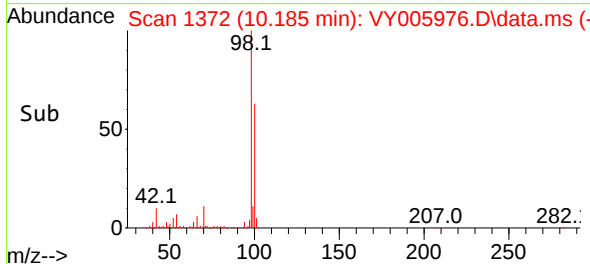
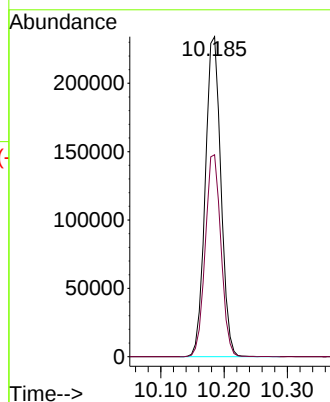
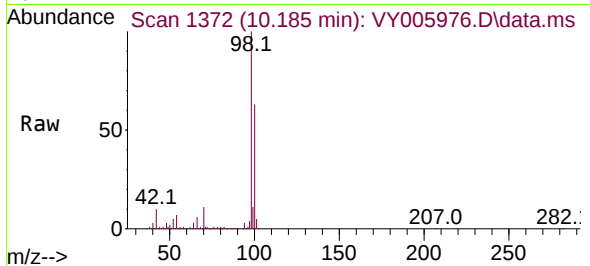




#50
Toluene-d8
Concen: 53.735 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

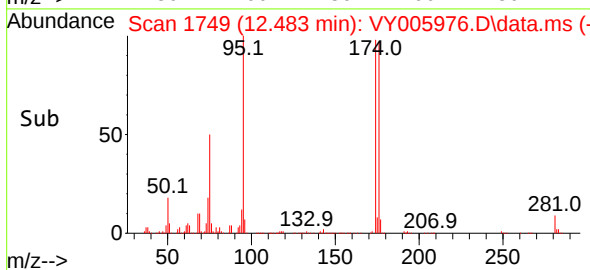
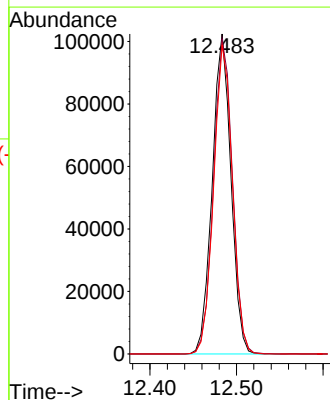
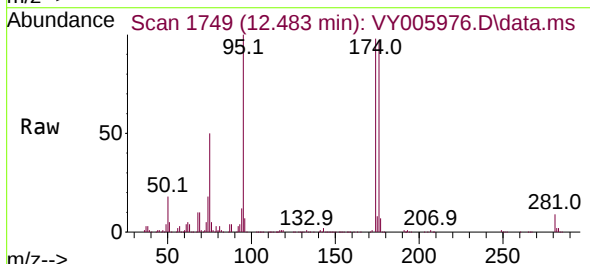
Instrument :
MSVOA_Y
ClientSampled :

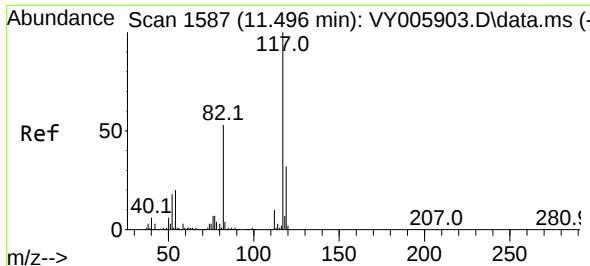
Tgt Ion: 98 Resp: 402191
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 61.053 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

Tgt Ion: 95 Resp: 153439
Ion Ratio Lower Upper
95 100
174 100.1 0.0 192.4
176 96.8 0.0 186.8

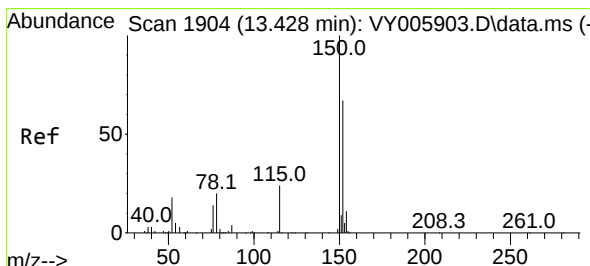
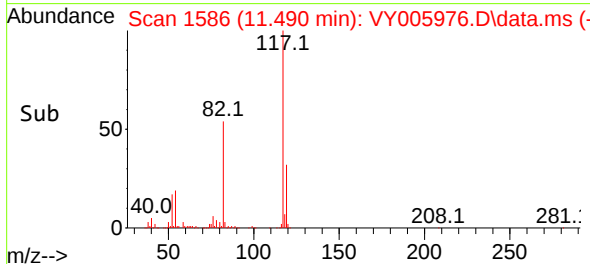
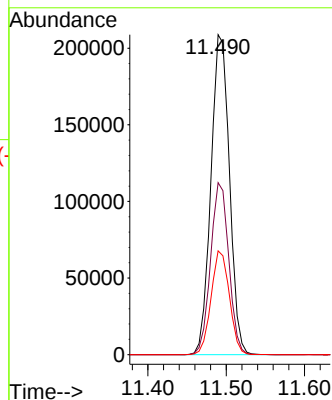
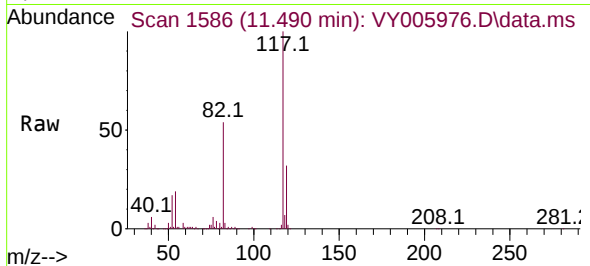




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

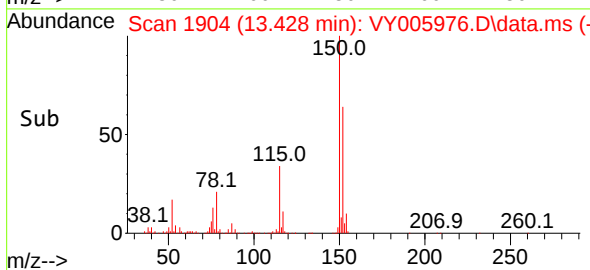
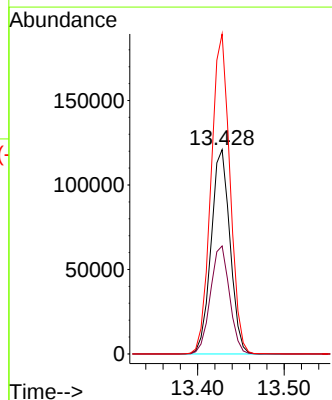
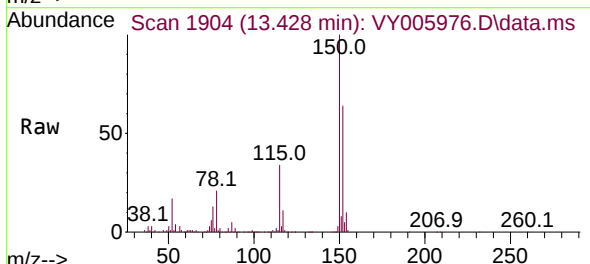
Instrument :
MSVOA_Y
ClientSampleId :

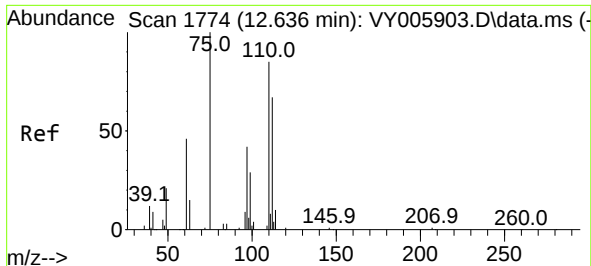
Tgt Ion:117 Resp: 342640
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

Tgt Ion:152 Resp: 183307
Ion Ratio Lower Upper
152 100
115 53.3 26.8 80.4
150 156.5 0.0 345.6

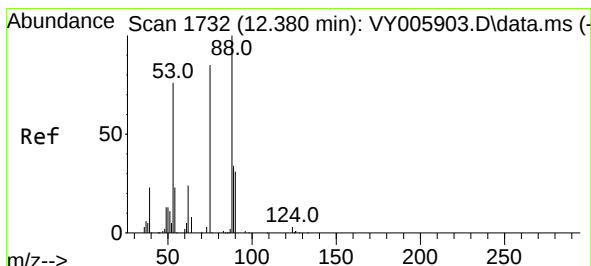
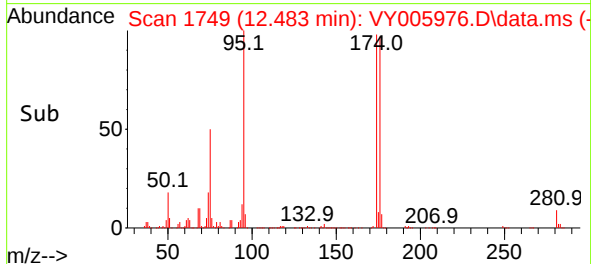
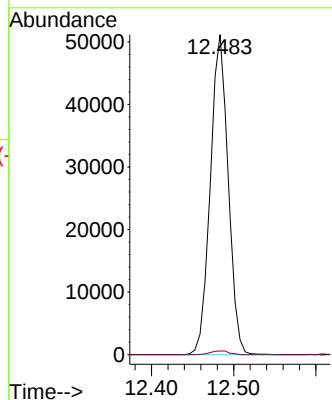
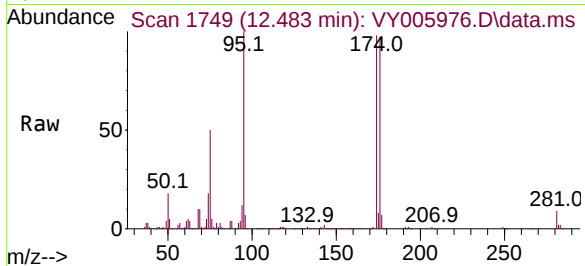




#76
1,2,3-Trichloropropane
Concen: 44.925 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 77078
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.438 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005976.D
Acq: 09 Sep 2021 15:21

Tgt Ion: 75 Resp: 77078
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.0 35.8 53.6#

