

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091021\
 Data File : VY005989.D
 Acq On : 10 Sep 2021 17:40
 Operator : SY/MD
 Sample : M3684-19
 Misc : 5.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:23:00 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)

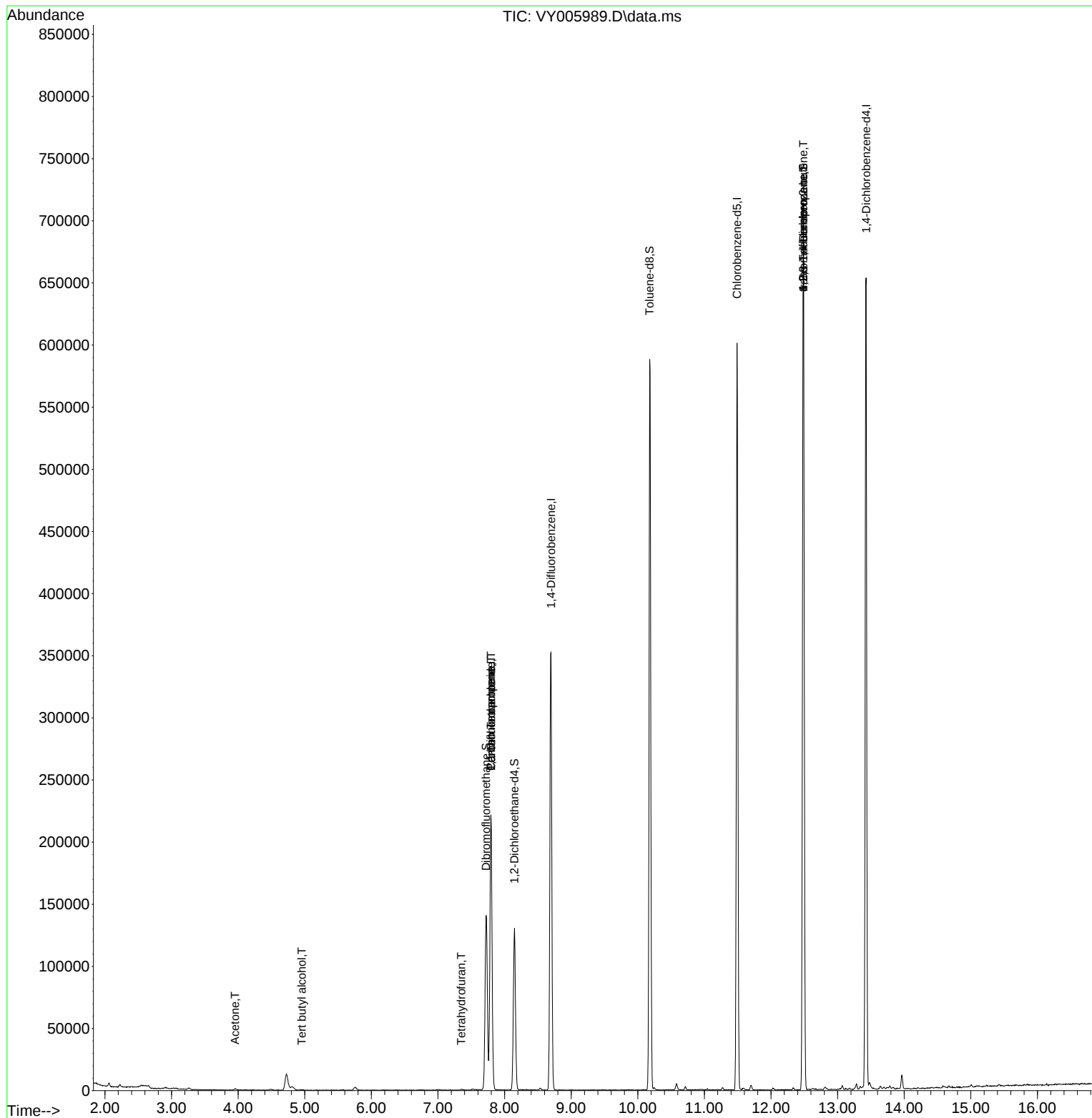
Internal Standards						
1) Pentafluorobenzene	7.795	168	189470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	320983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102126	53.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.980%	
35) Dibromofluoromethane	7.722	113	99864	55.399	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.800%	
50) Toluene-d8	10.179	98	403604	53.349	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.483	95	152934	60.203	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	596	1.587	ug/l #	80
16) Acetone	3.954	43	1620	3.328	ug/l #	70
29) Tetrahydrofuran	7.350	42	583	1.308	ug/l #	72
36) 1,1-Dichloropropene	7.795	75	11671	3.862	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15871	4.845	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	79097	46.041	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79097	87.560	ug/l #	14

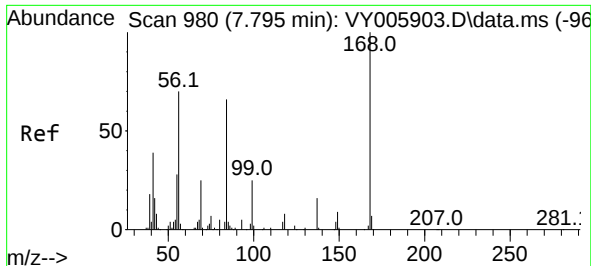
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

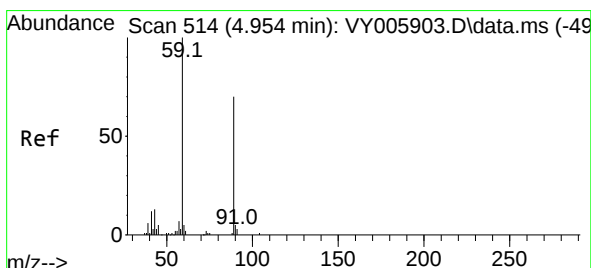
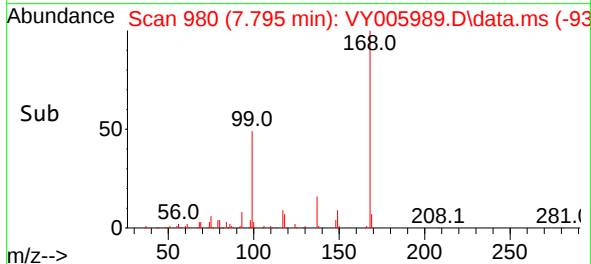
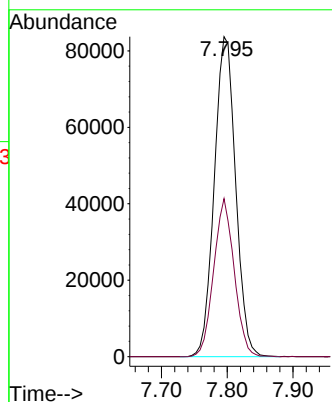
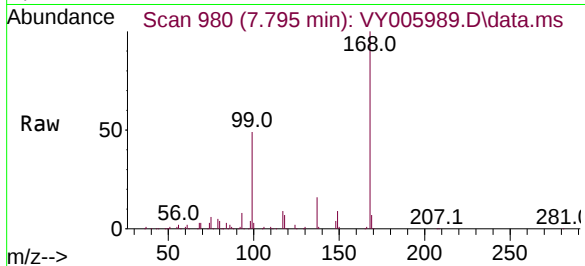




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005989.D
Acq: 10 Sep 2021 17:40

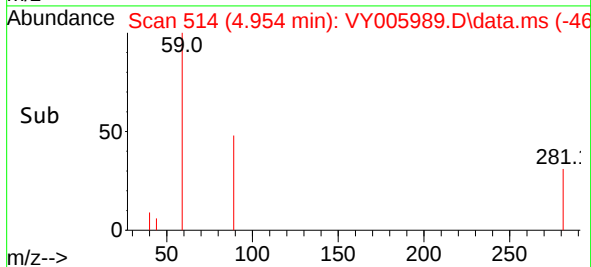
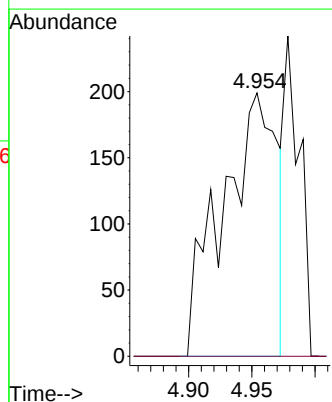
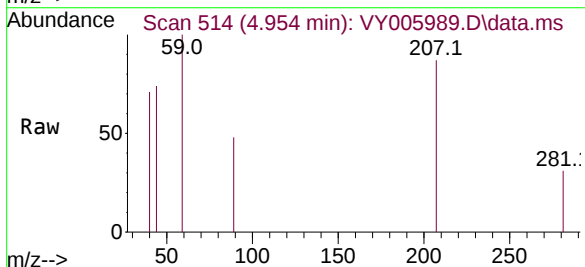
Instrument :
MSVOA_Y
ClientSampled :

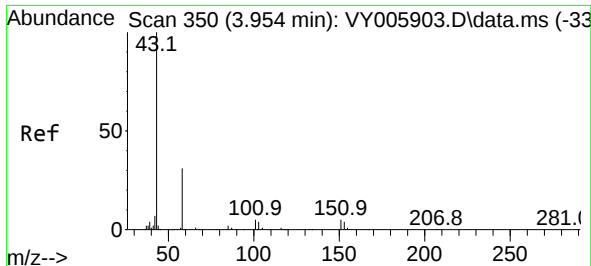
Tgt Ion:168 Resp: 189470
Ion Ratio Lower Upper
168 100
99 49.4 40.6 60.8



#11
Tert butyl alcohol
Concen: 1.587 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY005989.D
Acq: 10 Sep 2021 17:40

Tgt Ion: 59 Resp: 596
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

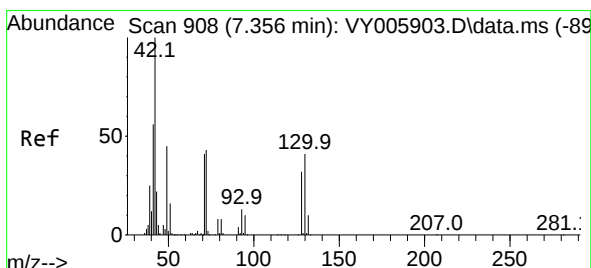
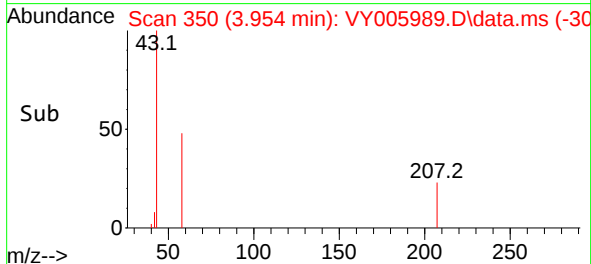
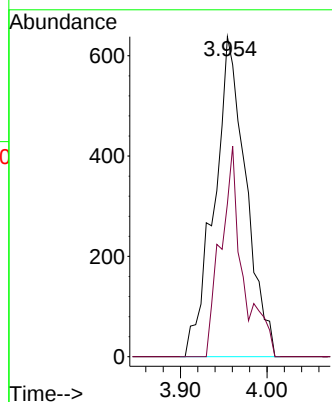
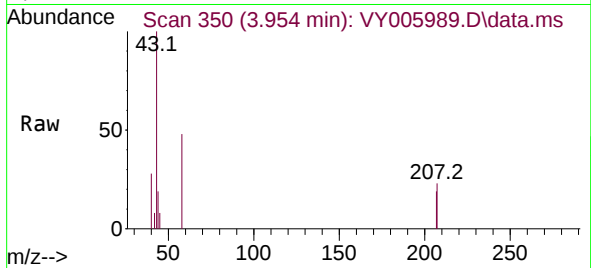




#16
Acetone
Concen: 3.328 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005989.D
Acq: 10 Sep 2021 17:40

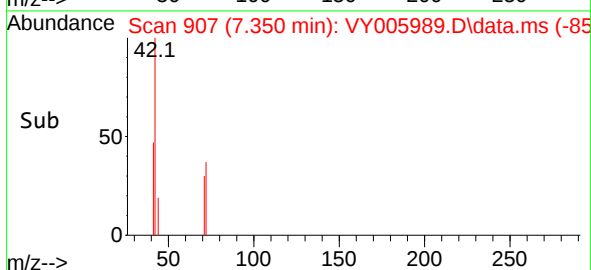
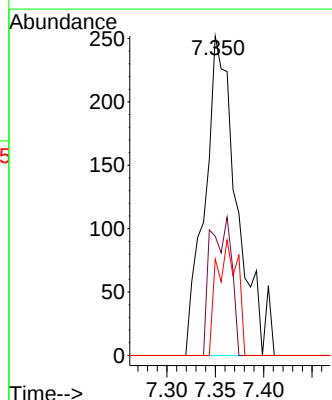
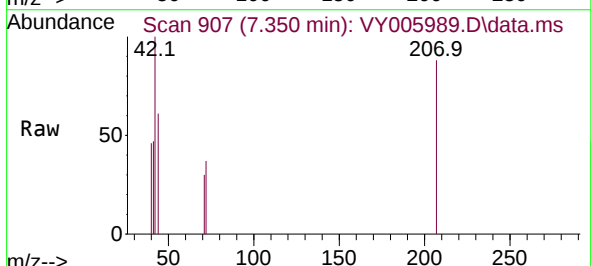
Instrument :
MSVOA_Y
ClientSampled :

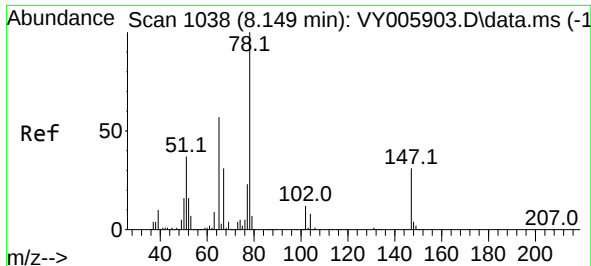
Tgt Ion: 43 Resp: 1620
Ion Ratio Lower Upper
43 100
58 47.8 25.1 37.7#



#29
Tetrahydrofuran
Concen: 1.308 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY005989.D
Acq: 10 Sep 2021 17:40

Tgt Ion: 42 Resp: 583
Ion Ratio Lower Upper
42 100
72 28.3 36.1 54.1#
71 23.0 33.8 50.8#

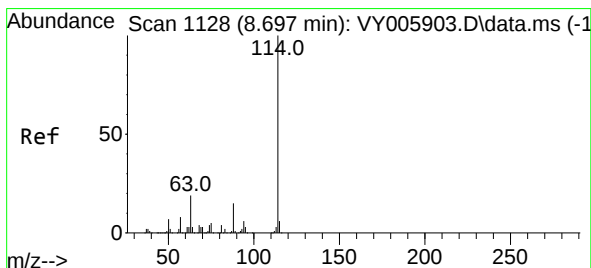
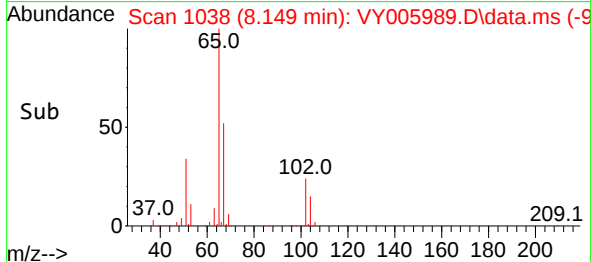
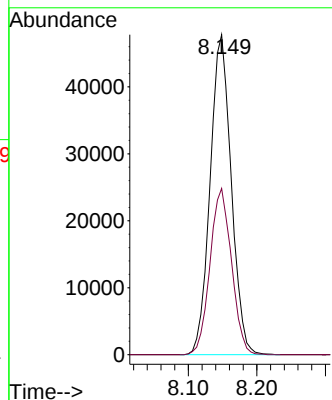
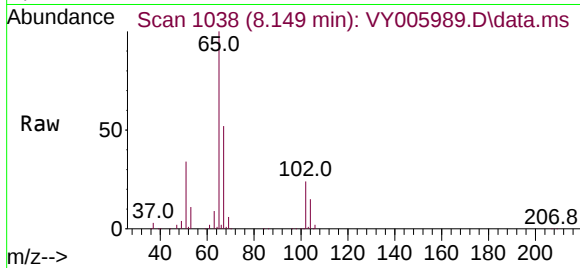




#33
 1,2-Dichloroethane-d4
 Concen: 53.488 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005989.D
 Acq: 10 Sep 2021 17:40

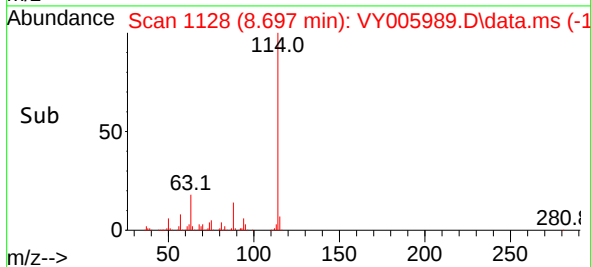
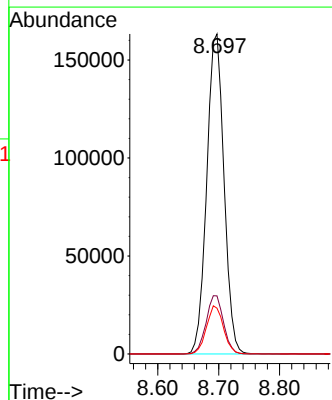
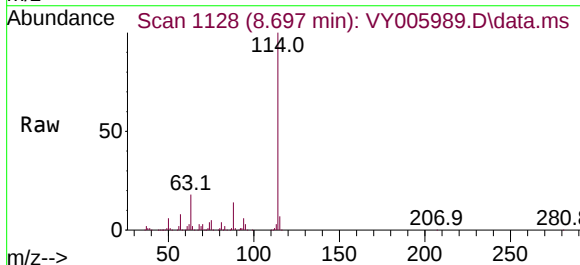
Instrument :
 MSVOA_Y
 ClientSampled :

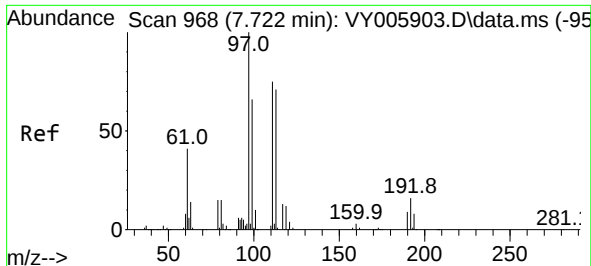
Tgt Ion: 65 Resp: 102126
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005989.D
 Acq: 10 Sep 2021 17:40

Tgt Ion:114 Resp: 320983
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.4
 88 14.3 0.0 30.0

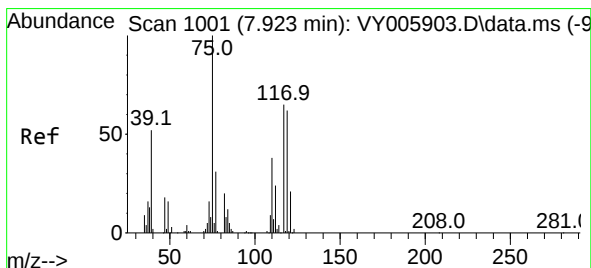
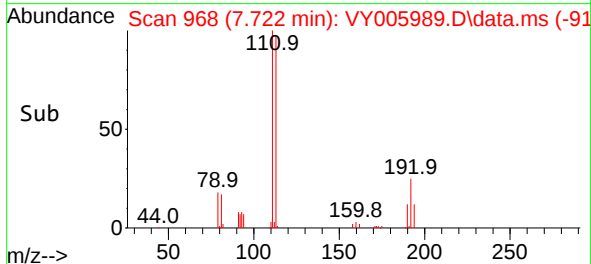
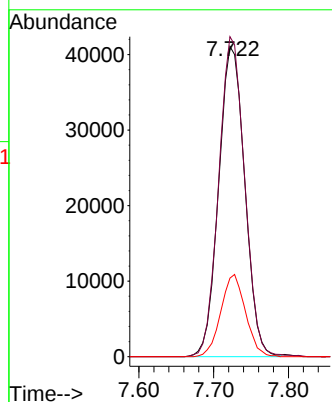
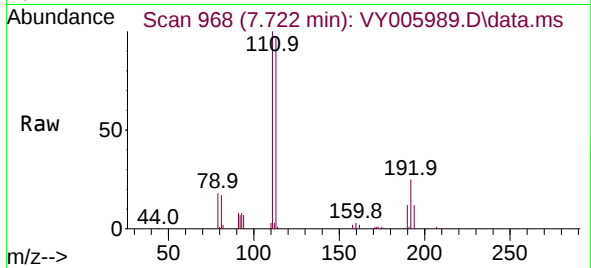




#35
Dibromofluoromethane
Concen: 55.399 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005989.D
Acq: 10 Sep 2021 17:40

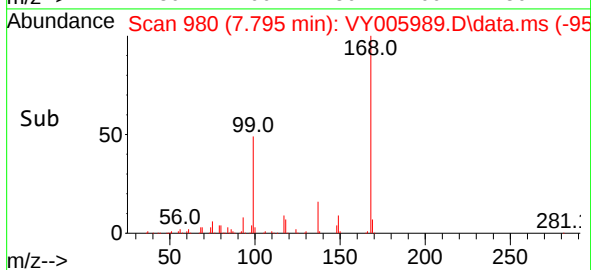
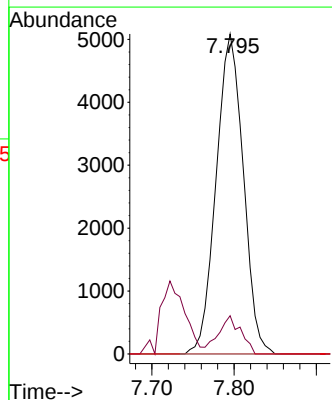
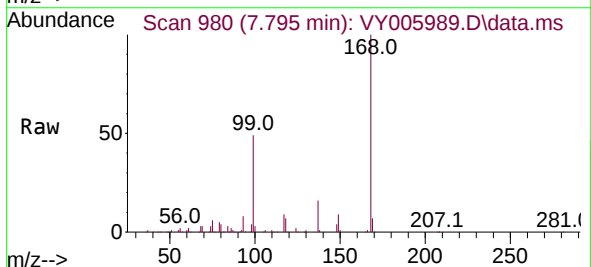
Instrument :
MSVOA_Y
ClientSampled :

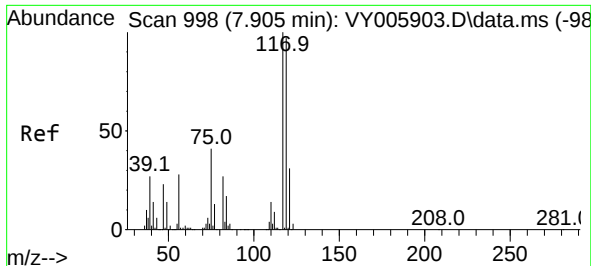
Tgt Ion:113 Resp: 99864
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 25.0 19.4 29.0



#36
1,1-Dichloropropene
Concen: 3.862 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005989.D
Acq: 10 Sep 2021 17:40

Tgt Ion: 75 Resp: 11671
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.3#
77 0.0 24.9 37.3#

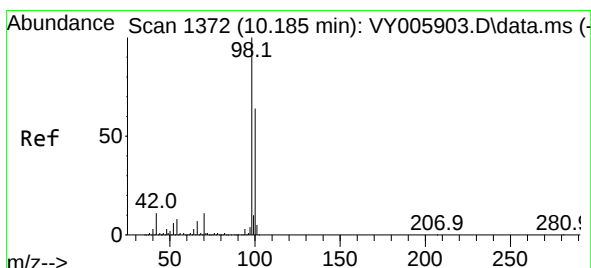
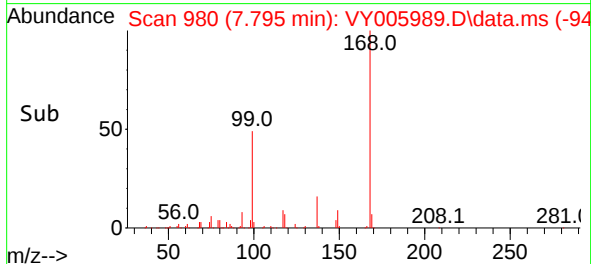
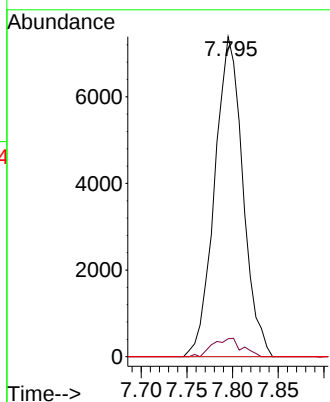
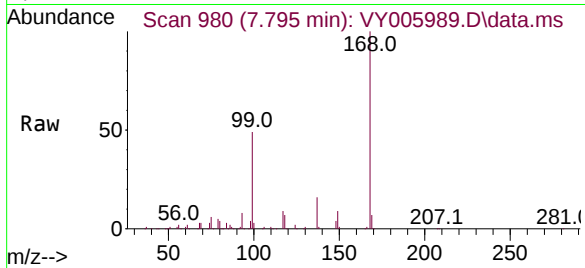




#38
Carbon Tetrachloride
Concen: 4.845 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005989.D
Acq: 10 Sep 2021 17:40

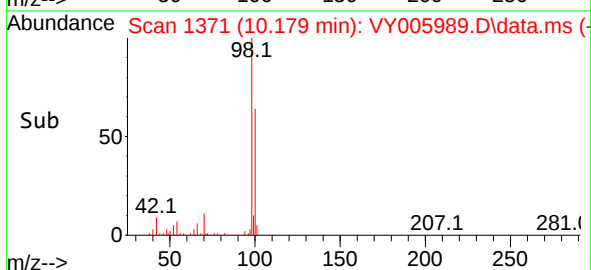
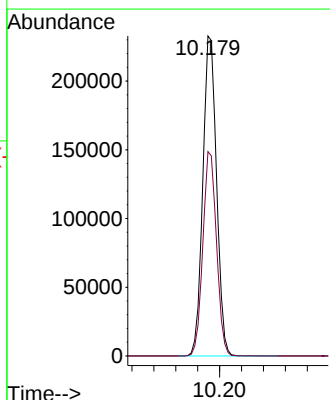
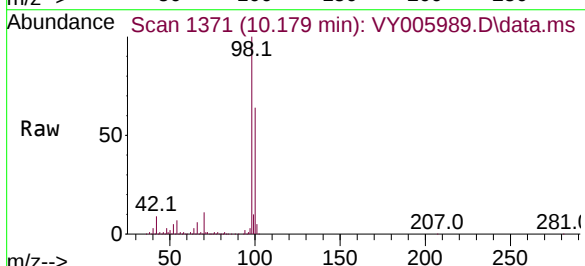
Instrument :
MSVOA_Y
ClientSampleId :

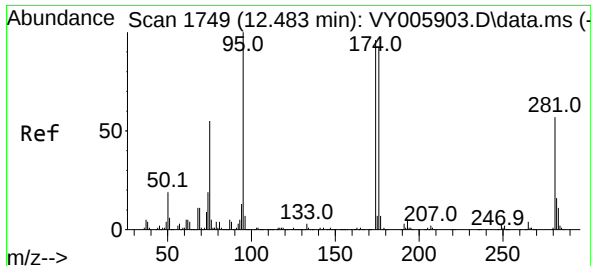
Tgt Ion:117 Resp: 15871
Ion Ratio Lower Upper
117 100
119 5.6 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 53.349 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005989.D
Acq: 10 Sep 2021 17:40

Tgt Ion: 98 Resp: 403604
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

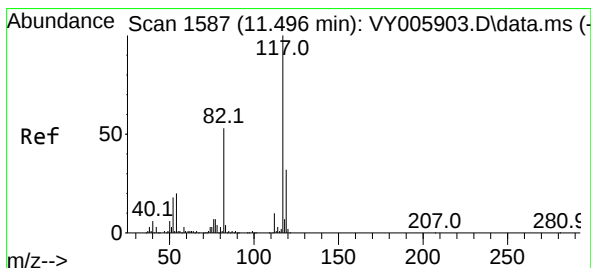
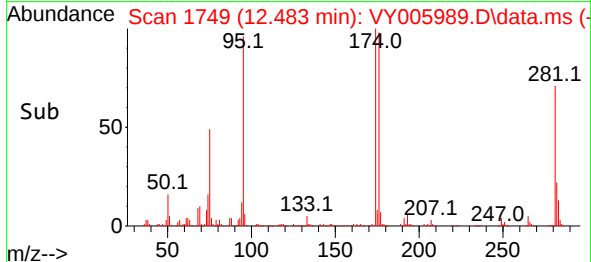
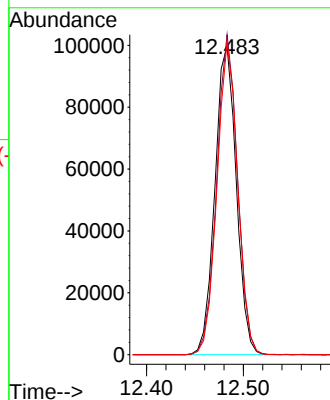
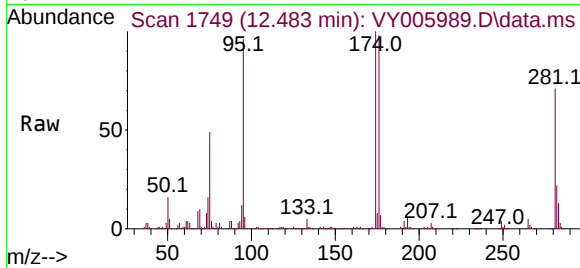




#62
4-Bromofluorobenzene
Concen: 60.203 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005989.D
Acq: 10 Sep 2021 17:40

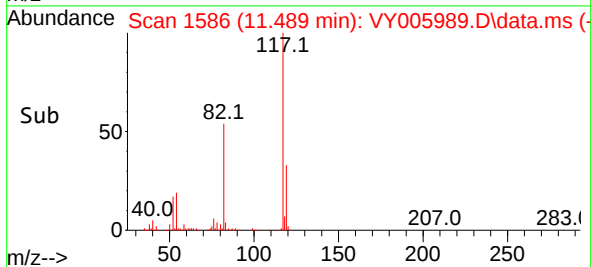
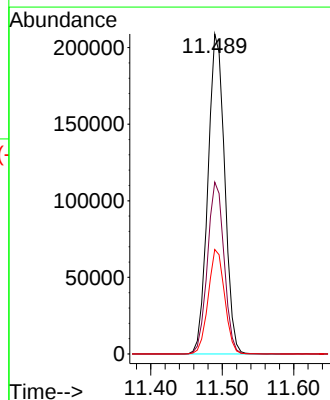
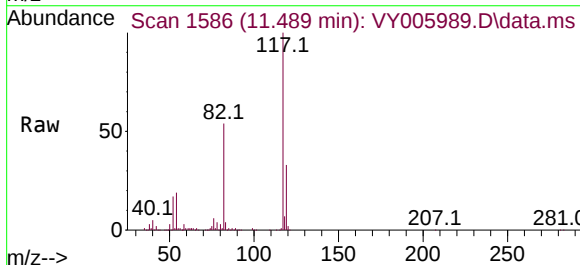
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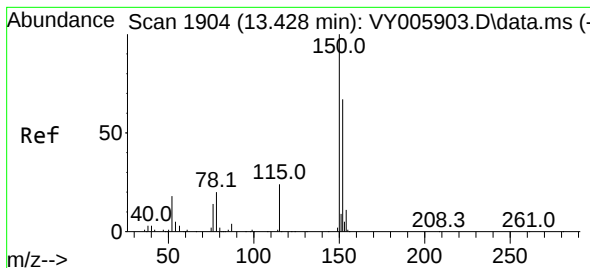
Tgt Ion: 95 Resp: 152934
Ion Ratio Lower Upper
95 100
174 101.0 0.0 192.4
176 97.8 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005989.D
Acq: 10 Sep 2021 17:40

Tgt Ion: 117 Resp: 338790
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 32.7 25.4 38.0

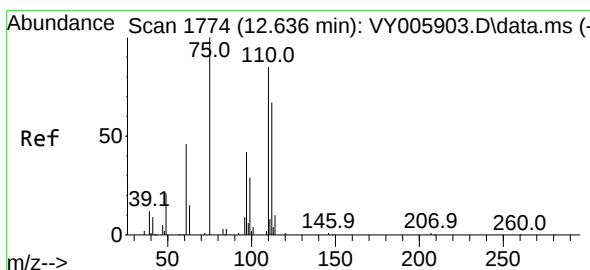
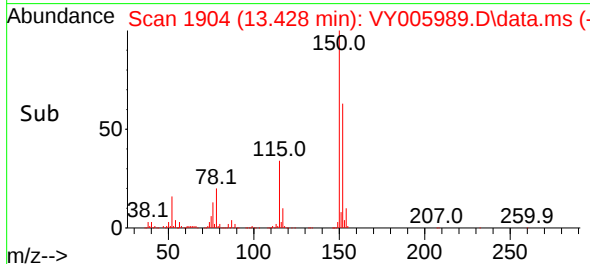
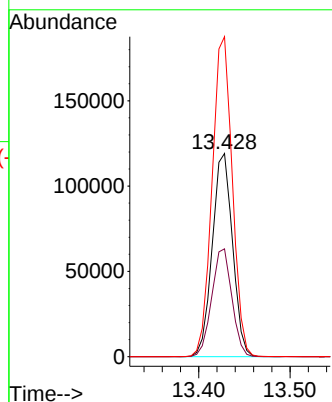
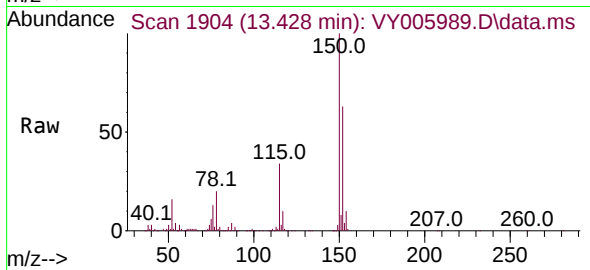




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005989.D
 Acq: 10 Sep 2021 17:40

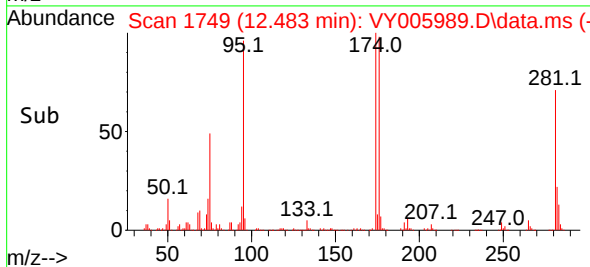
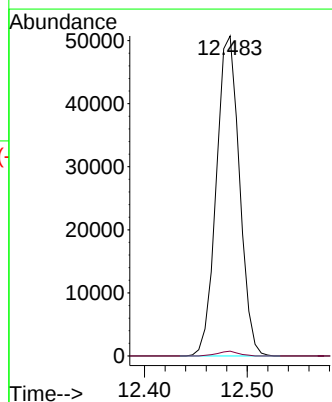
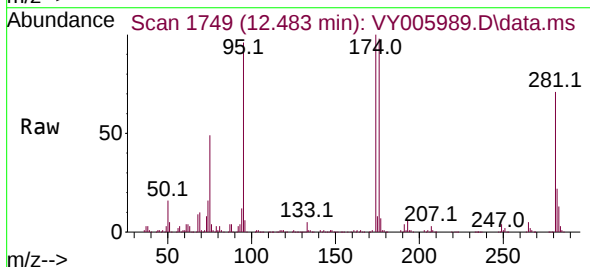
Instrument :
 MSVOA_Y
 ClientSampleId :

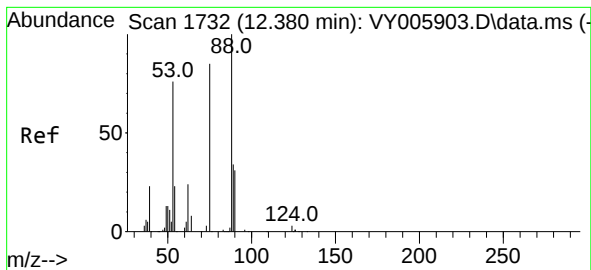
Tgt Ion:152 Resp: 183550
 Ion Ratio Lower Upper
 152 100
 115 52.8 26.8 80.4
 150 156.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 46.041 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005989.D
 Acq: 10 Sep 2021 17:40

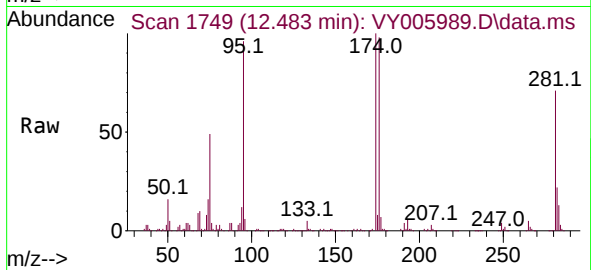
Tgt Ion: 75 Resp: 79097
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.560 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005989.D
 Acq: 10 Sep 2021 17:40

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 79097
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.8 107.8#
 89 0.4 35.8 53.6#

