

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006270.D
 Acq On : 01 Oct 2021 18:49
 Operator : SY/MD
 Sample : M4035-07
 Misc : 5.47G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 02:15:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

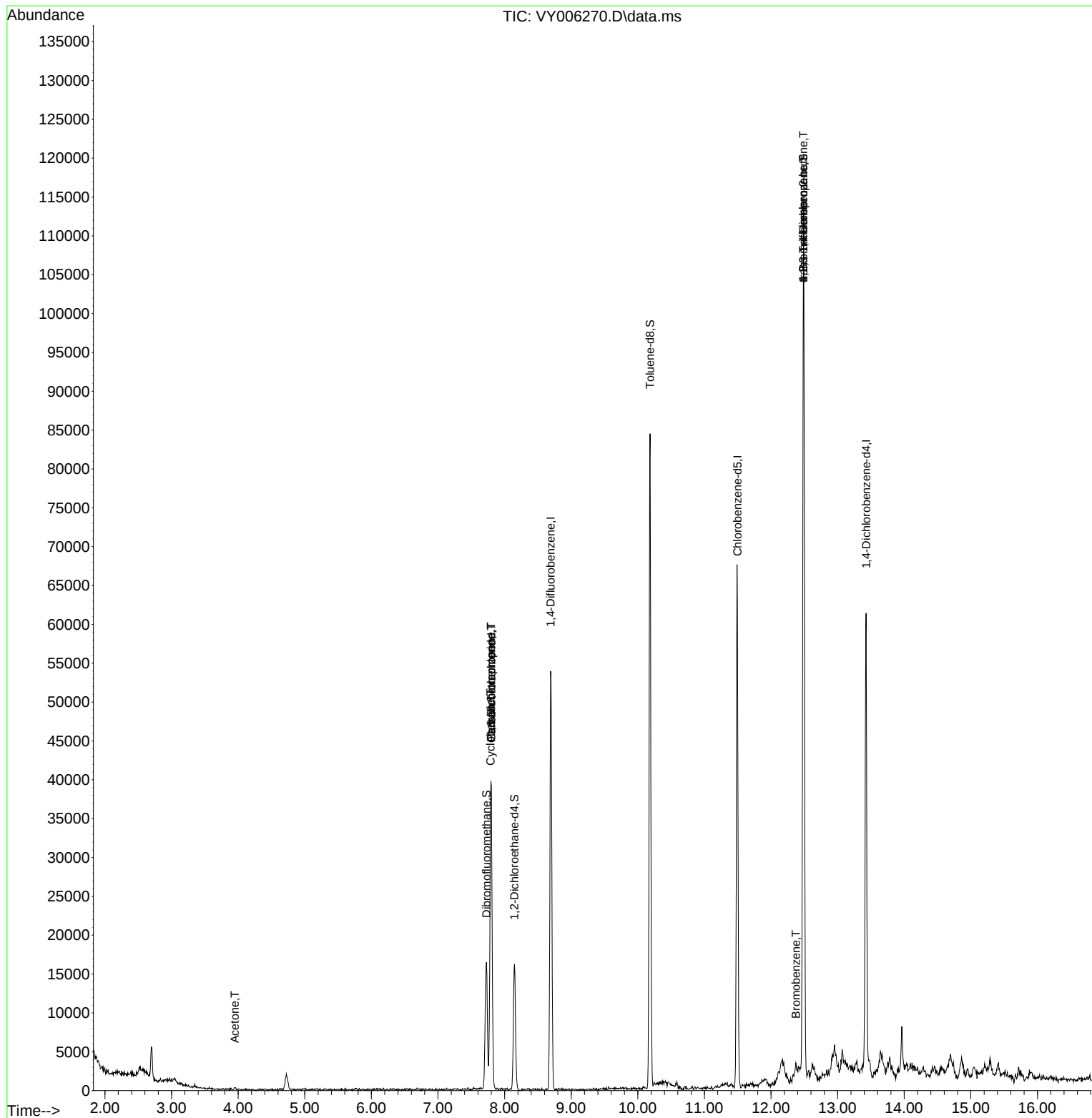
Internal Standards						
1) Pentafluorobenzene	7.801	168	32256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	44305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	34552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	13765	39.872	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.740%		
35) Dibromofluoromethane	7.728	113	11114	46.953	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.900%		
50) Toluene-d8	10.185	98	54160	54.671	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	109.340%		
62) 4-Bromofluorobenzene	12.483	95	14289	42.459	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	84.920%		
Target Compounds						Qvalue
16) Acetone	3.948	43	304	3.153	ug/l #	47
31) Cyclohexane	7.789	56	696	1.064	ug/l #	64
36) 1,1-Dichloropropene	7.795	75	2521	5.719	ug/l #	45
38) Carbon Tetrachloride	7.801	117	2958	6.355	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	8258	59.311	ug/l #	100
77) Bromobenzene	12.373	156	797	3.313	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	8258	116.555	ug/l #	9

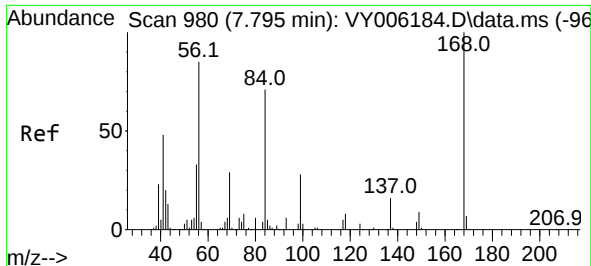
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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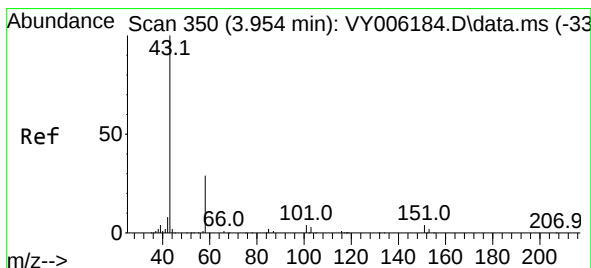
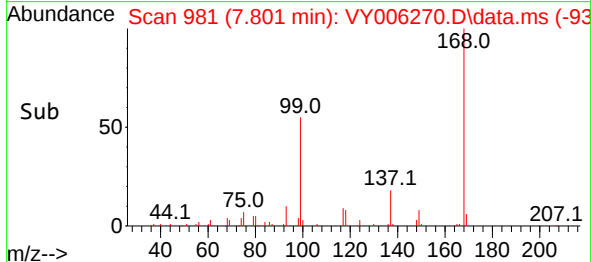
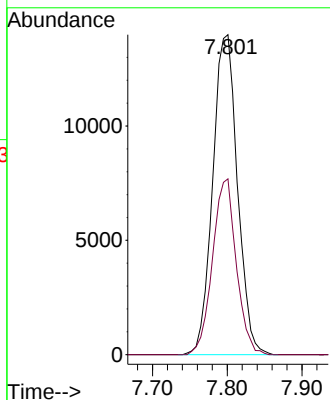
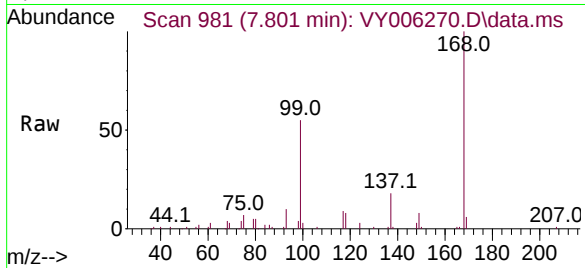




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006270.D
Acq: 01 Oct 2021 18:49

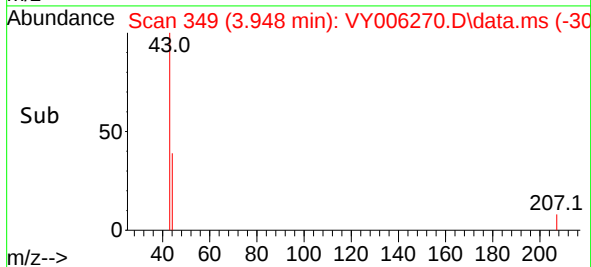
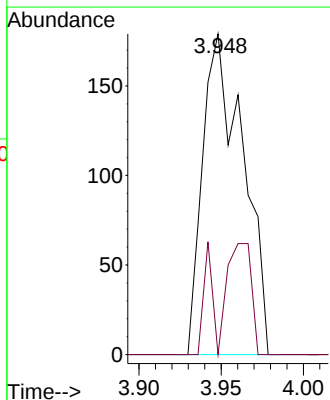
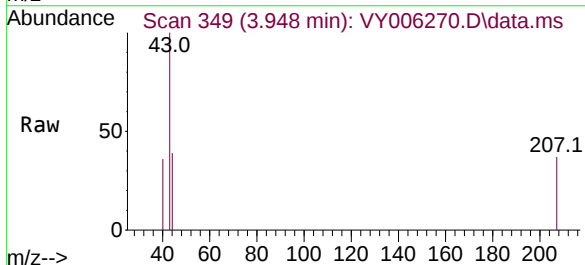
Instrument :
MSVOA_Y
ClientSampled :

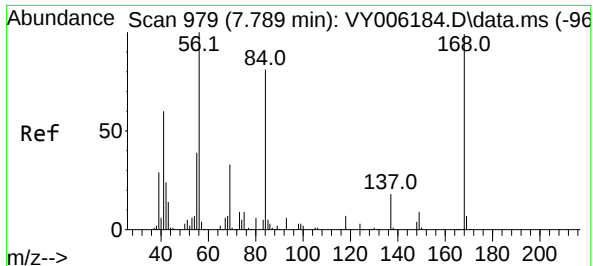
Tgt Ion:168 Resp: 32256
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#16
Acetone
Concen: 3.153 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006270.D
Acq: 01 Oct 2021 18:49

Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

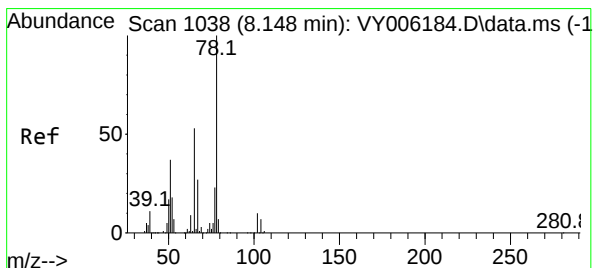
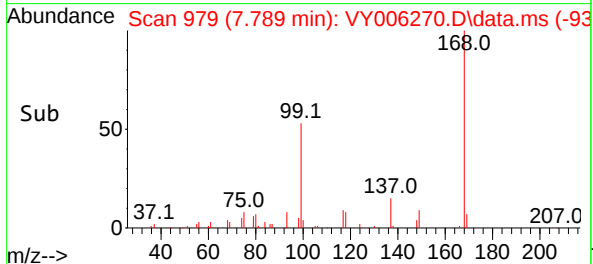
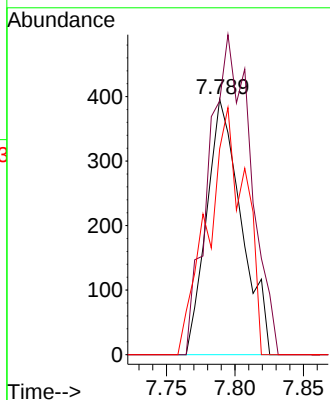
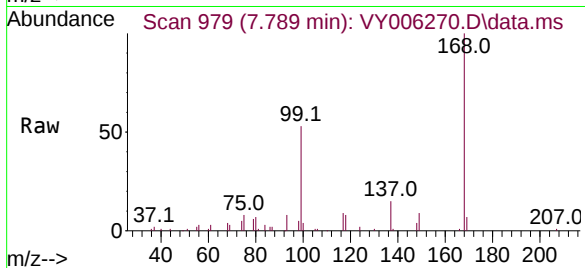




#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006270.D
Acq: 01 Oct 2021 18:49

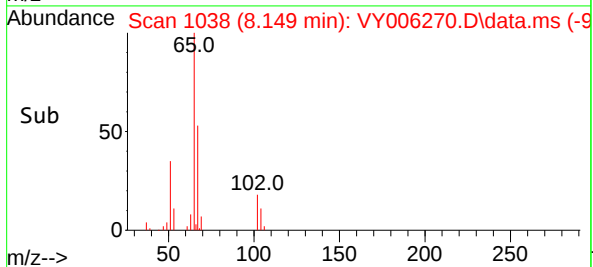
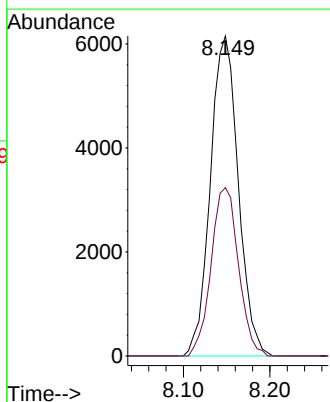
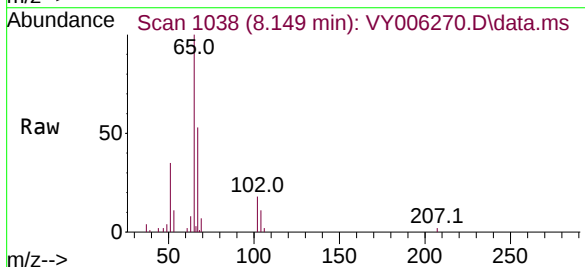
Instrument :
MSVOA_Y
ClientSampleId :

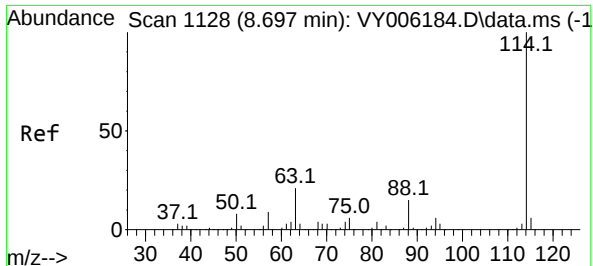
Tgt Ion: 56 Resp: 696
Ion Ratio Lower Upper
56 100
69 99.2 26.7 40.1#
84 80.6 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 39.872 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006270.D
Acq: 01 Oct 2021 18:49

Tgt Ion: 65 Resp: 13765
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4

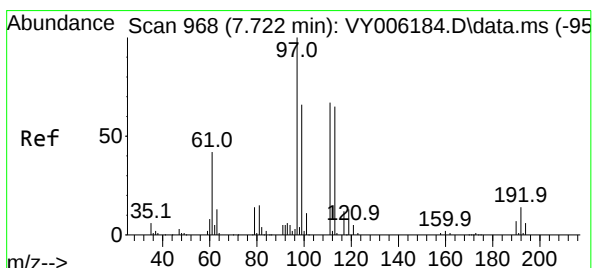
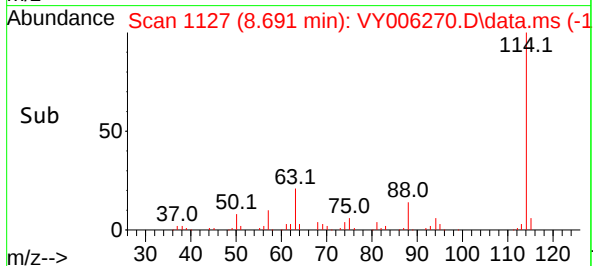
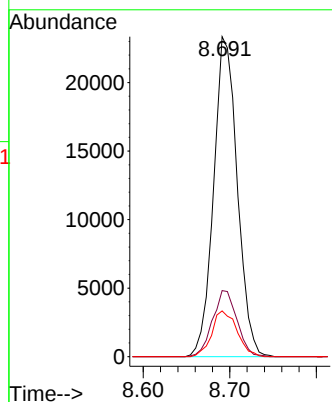
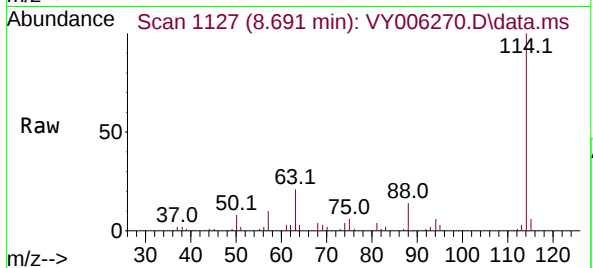




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006270.D
Acq: 01 Oct 2021 18:49

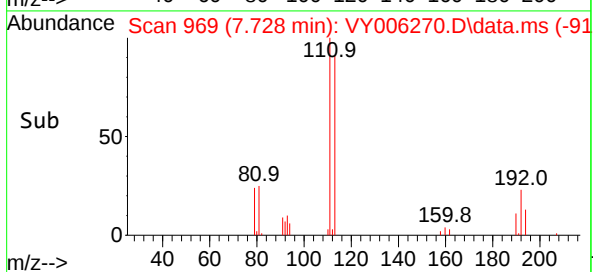
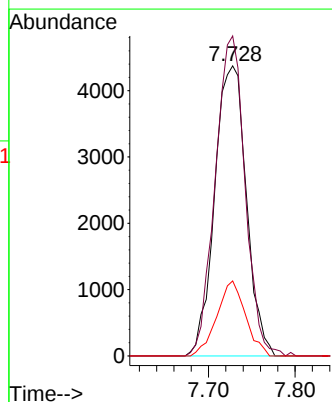
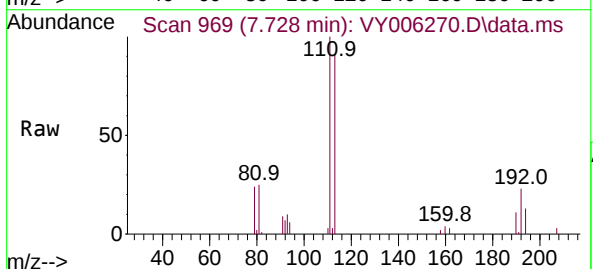
Instrument :
MSVOA_Y
ClientSampled :

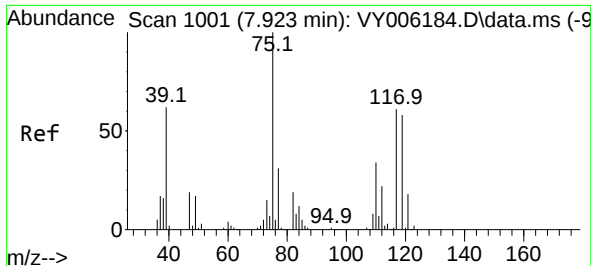
Tgt Ion:	114	Resp:	44305
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	43.2
88	14.3	0.0	31.8



#35
Dibromofluoromethane
Concen: 46.953 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006270.D
Acq: 01 Oct 2021 18:49

Tgt Ion:	113	Resp:	11114
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.6	124.0
192	23.4	17.6	26.4





#36

1,1-Dichloropropene

Concen: 5.719 ug/l

RT: 7.795 min Scan# 980

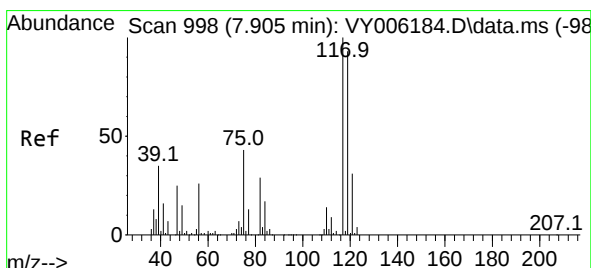
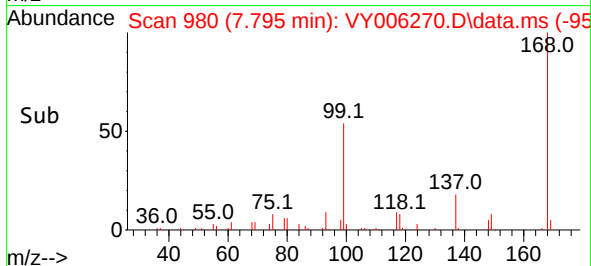
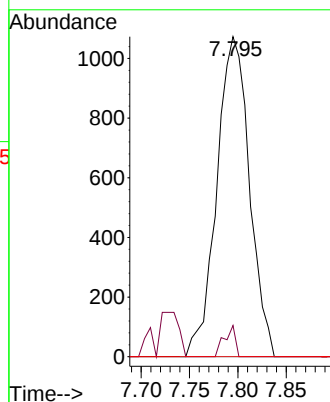
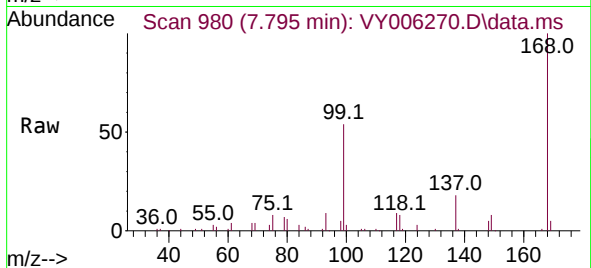
Delta R.T. -0.128 min

Lab File: VY006270.D

Acq: 01 Oct 2021 18:49

Tgt Ion:	75	Resp:	2521
Ion	Ratio	Lower	Upper
75	100		
110	3.3	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.355 ug/l

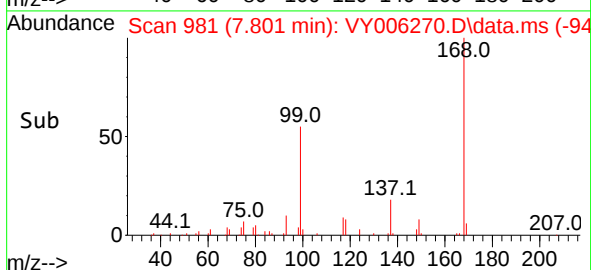
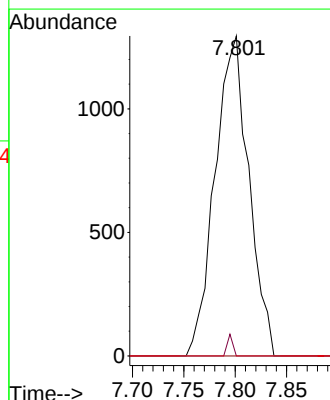
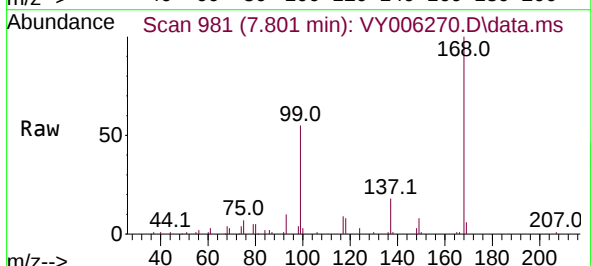
RT: 7.801 min Scan# 981

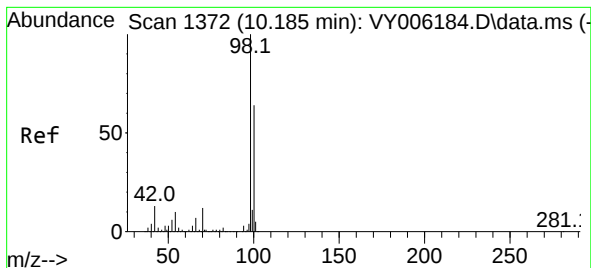
Delta R.T. -0.104 min

Lab File: VY006270.D

Acq: 01 Oct 2021 18:49

Tgt Ion:	117	Resp:	2958
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.9	116.9#
121	0.0	24.8	37.2#

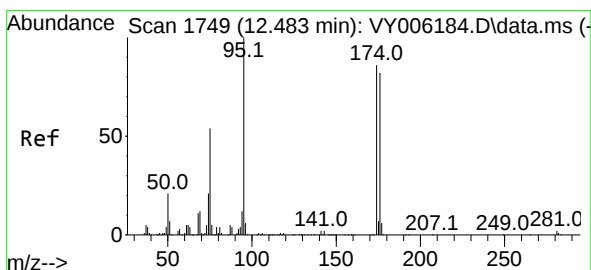
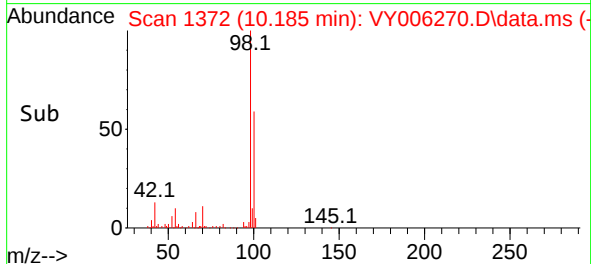
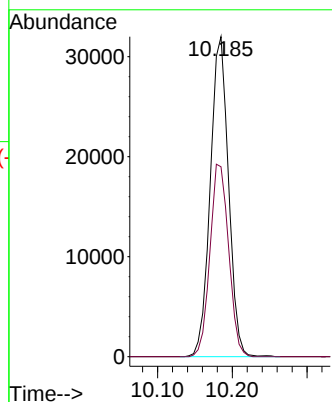
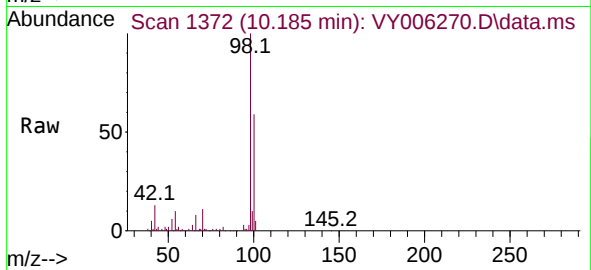




#50
Toluene-d8
Concen: 54.671 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006270.D
Acq: 01 Oct 2021 18:49

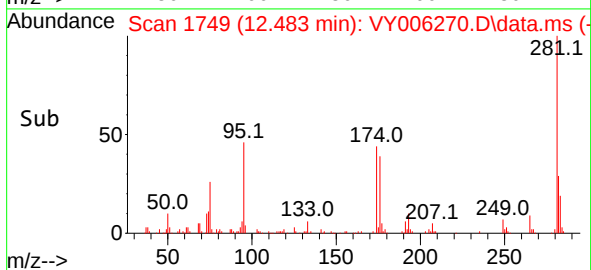
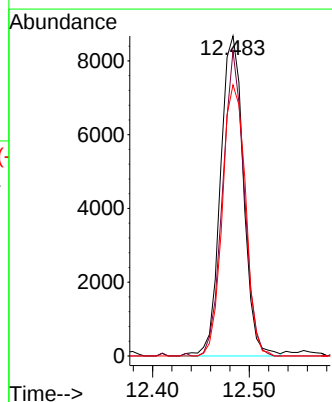
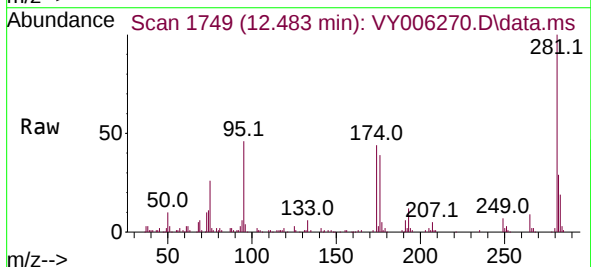
Instrument :
MSVOA_Y
ClientSampled :

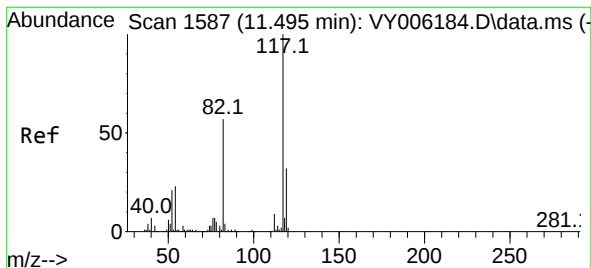
Tgt Ion: 98 Resp: 54160
Ion Ratio Lower Upper
98 100
100 61.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.459 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006270.D
Acq: 01 Oct 2021 18:49

Tgt Ion: 95 Resp: 14289
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 85.1 0.0 175.8

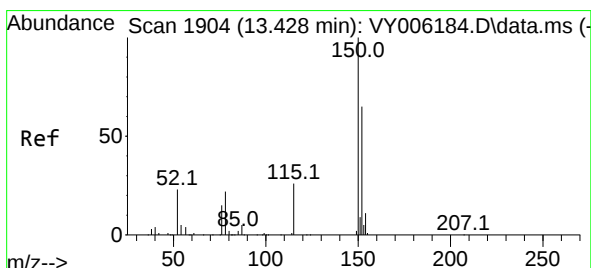
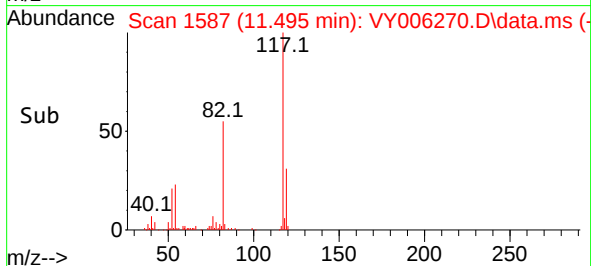
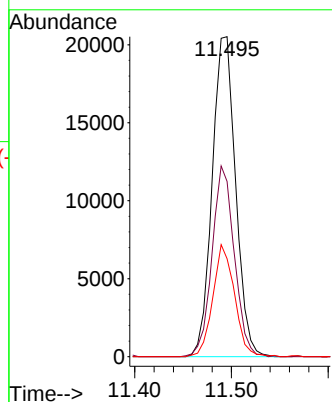
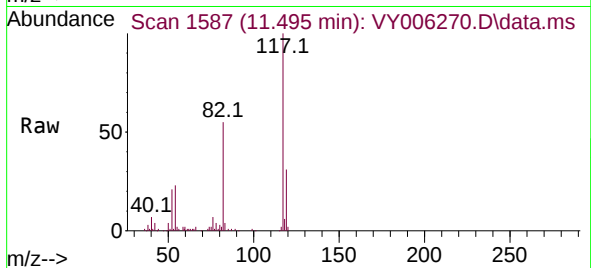




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006270.D
Acq: 01 Oct 2021 18:49

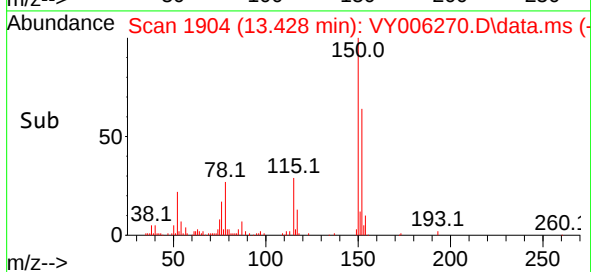
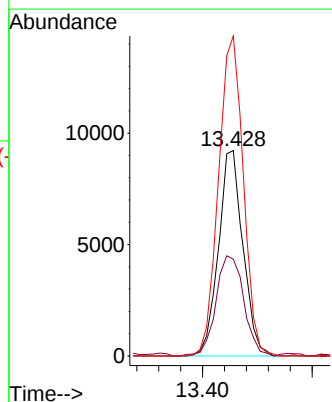
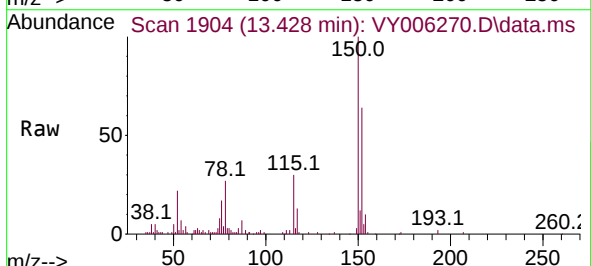
Instrument :
MSVOA_Y
ClientSampleId :

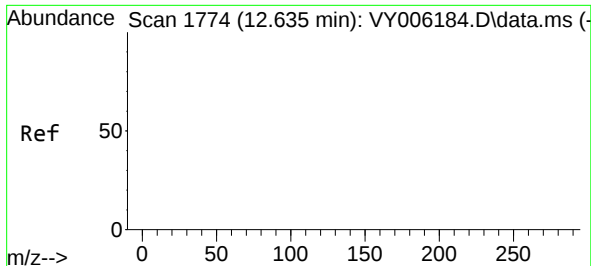
Tgt Ion:117	Resp:	34552
Ion Ratio	Lower	Upper
117	100	
82	54.7	43.0 64.4
119	30.6	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006270.D
Acq: 01 Oct 2021 18:49

Tgt Ion:152	Resp:	14325
Ion Ratio	Lower	Upper
152	100	
115	55.1	28.2 84.7
150	157.2	0.0 347.6

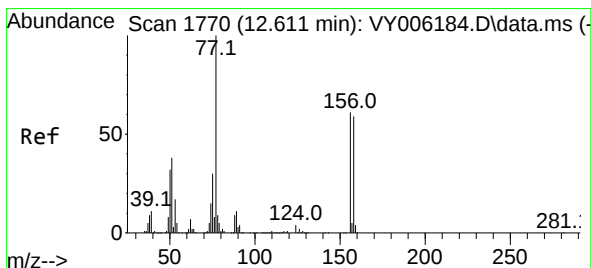
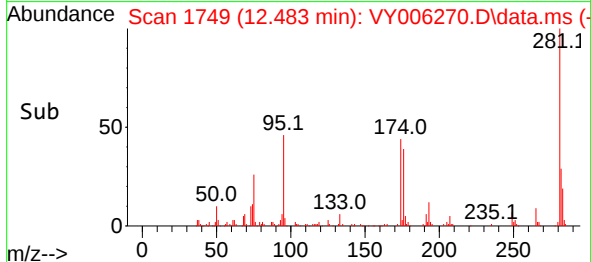
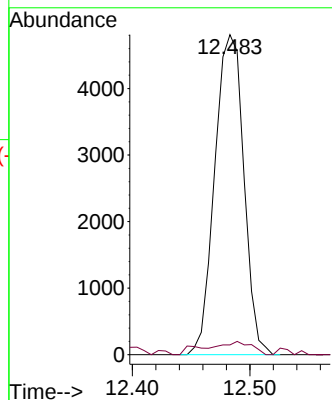
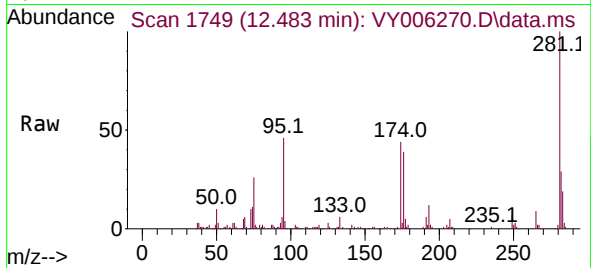




#76
1,2,3-Trichloropropane
Concen: 59.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006270.D
Acq: 01 Oct 2021 18:49

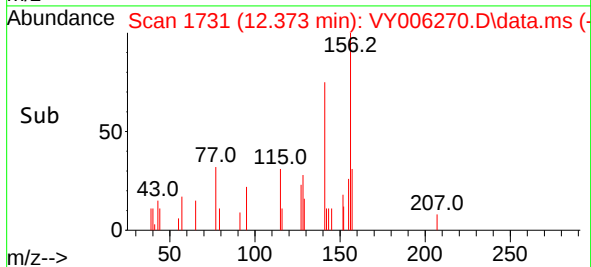
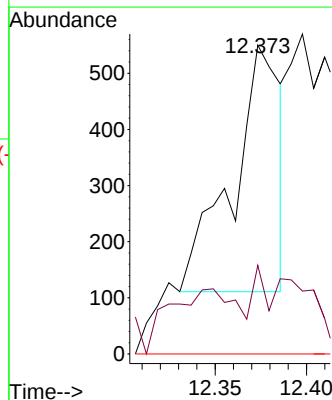
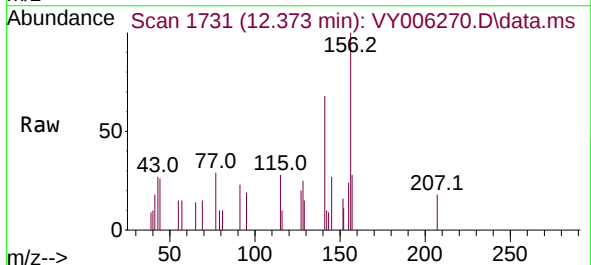
Instrument :
MSVOA_Y
ClientSampleId :

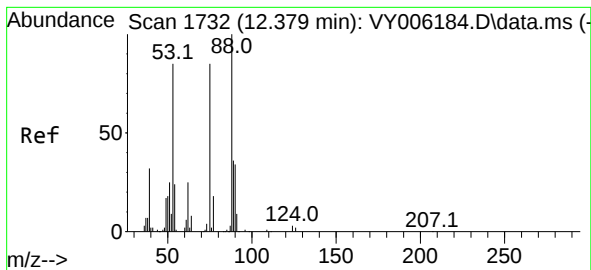
Tgt Ion: 75 Resp: 8258
Ion Ratio Lower Upper
75 100
77 4.4 0.0 0.0#



#77
Bromobenzene
Concen: 3.313 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.238 min
Lab File: VY006270.D
Acq: 01 Oct 2021 18:49

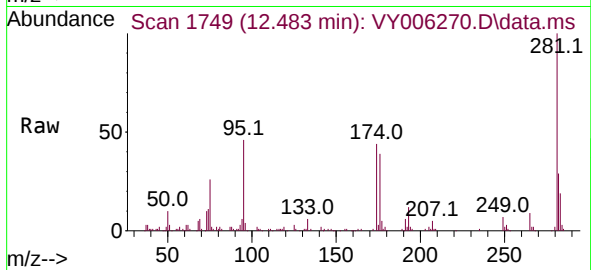
Tgt Ion: 156 Resp: 797
Ion Ratio Lower Upper
156 100
77 5.1 95.5 286.4#
158 0.0 48.0 144.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.555 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006270.D
 Acq: 01 Oct 2021 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 8258
 Ion Ratio Lower Upper
 75 100
 53 0.5 85.3 127.9#
 89 2.7 37.0 55.4#

