

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006291.D
 Acq On : 04 Oct 2021 21:01
 Operator : SY/MD
 Sample : M4041-03
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1

Quant Time: Oct 05 06:39:20 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)

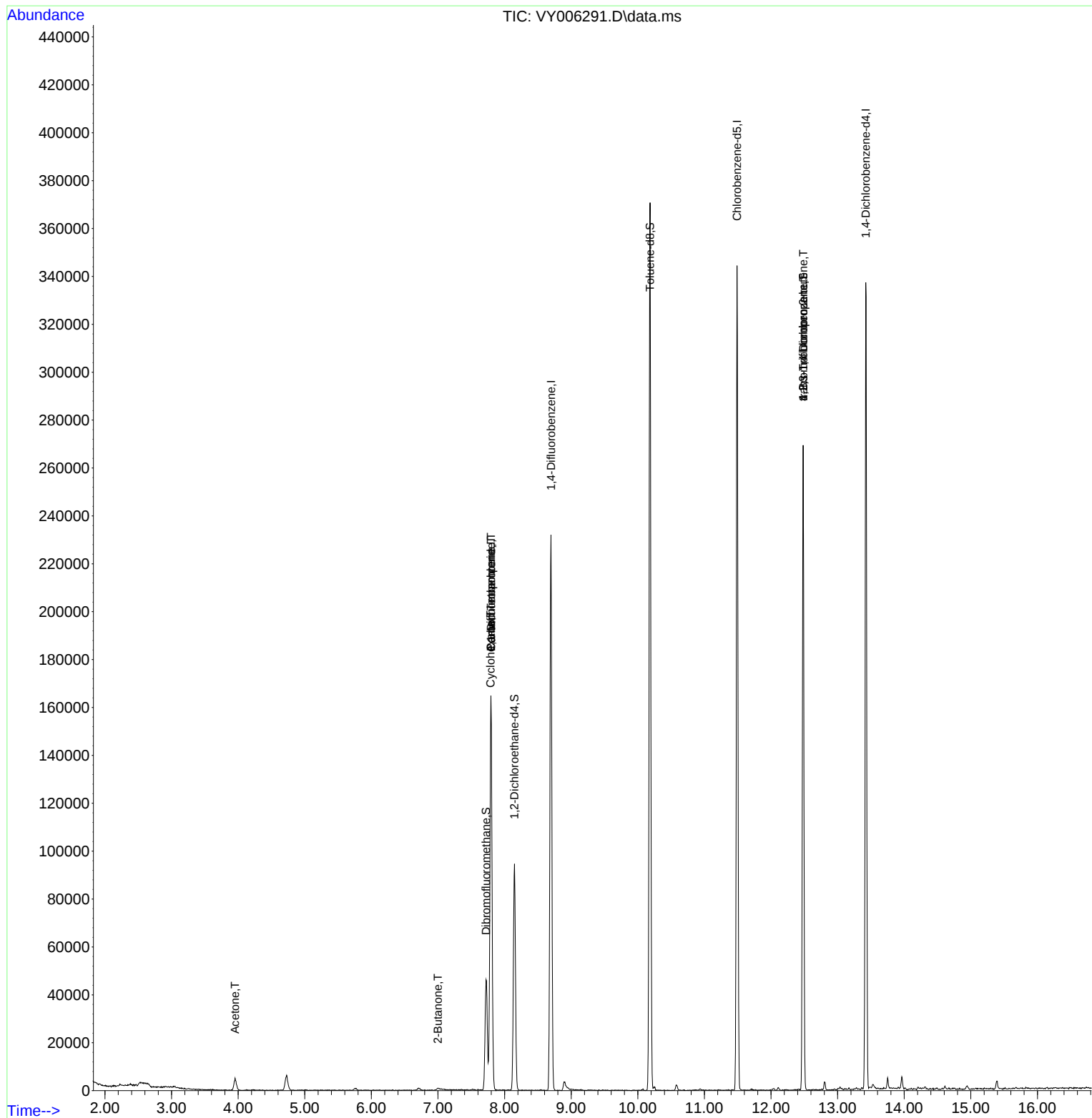
Internal Standards						
1) Pentafluorobenzene	7.795	168	124811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	187486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79027	59.159	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.320%			
35) Dibromofluoromethane	7.722	113	31534	31.482	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 62.960%			
50) Toluene-d8	10.185	98	235618	56.205	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.400%			
62) 4-Bromofluorobenzene	12.483	95	72991	51.253	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.500%			
Target Compounds						
16) Acetone	3.954	43	8231	22.061	ug/l	90
20) Methylene Chloride	4.735	84	4251	Below Cal	#	74
25) 2-Butanone	6.996	43	1048	2.016	ug/l	97
31) Cyclohexane	7.789	56	2907	1.149	ug/l	# 17
36) 1,1-Dichloropropene	7.795	75	10156	5.444	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	12274	6.231	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	44093	54.481	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	44093	107.064	ug/l	# 7

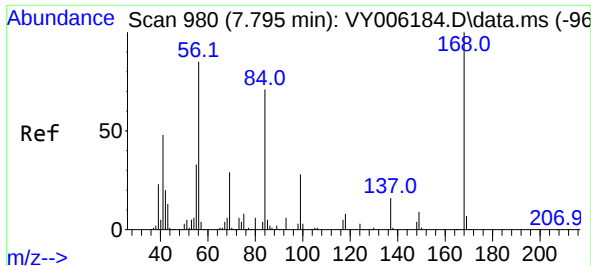
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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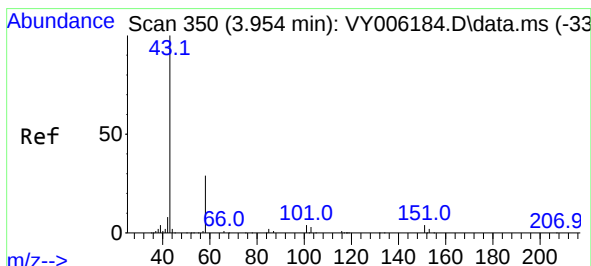
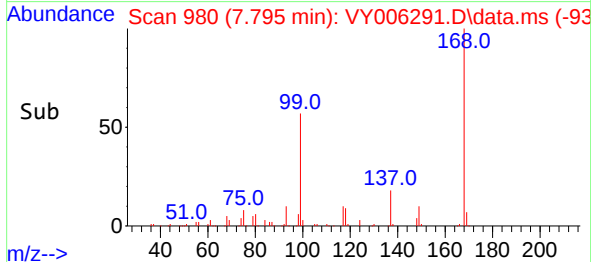
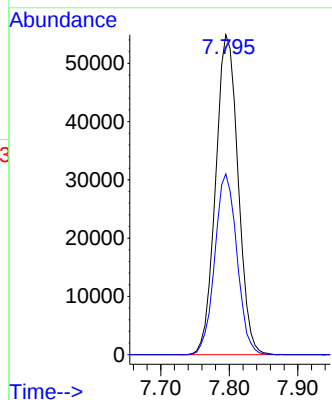
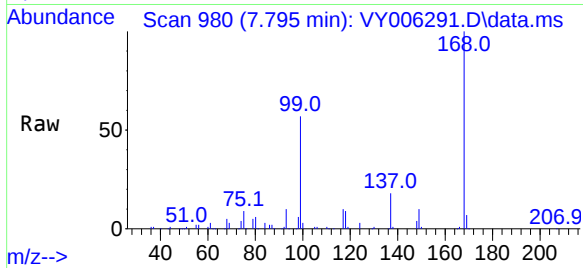




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

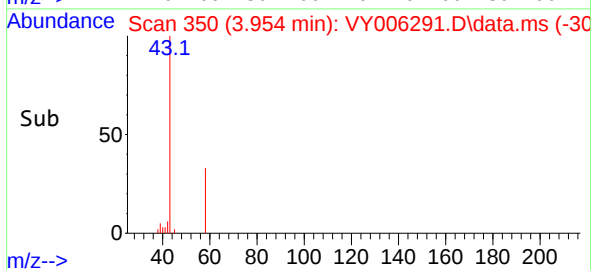
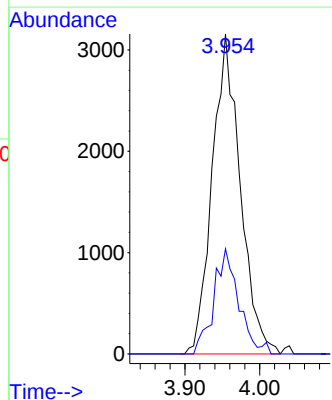
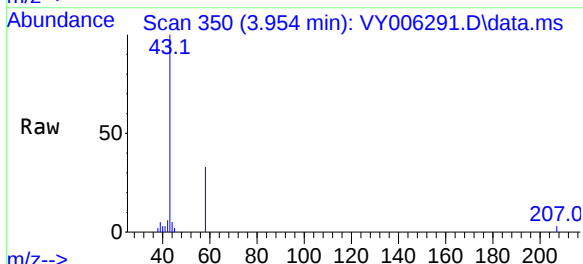
Instrument :
MSVOA_Y
ClientSampled :
S-1

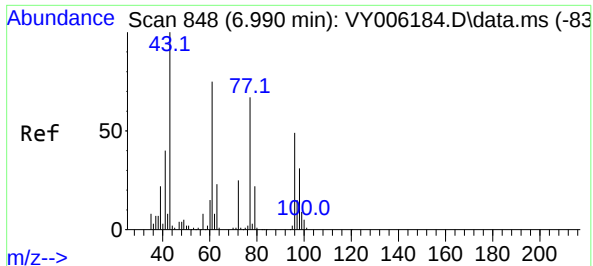
Tgt Ion:168 Resp: 124811
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#16
Acetone
Concen: 22.061 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 43 Resp: 8231
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0





#25

2-Butanone

Concen: 2.016 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY006291.D

Acq: 04 Oct 2021 21:01

Instrument :

MSVOA_Y

ClientSampled :

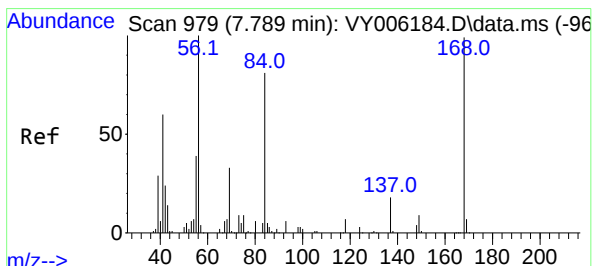
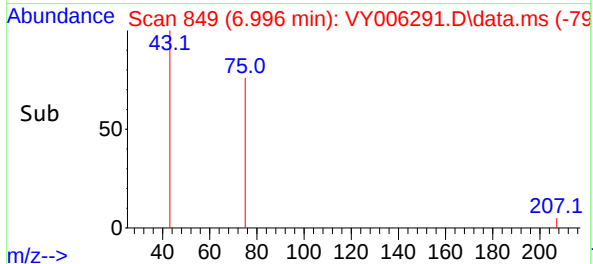
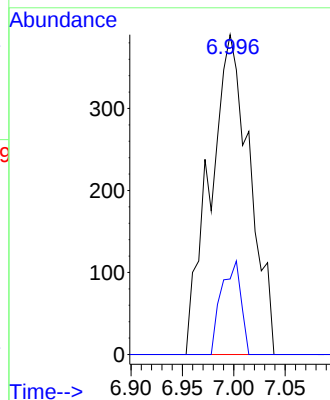
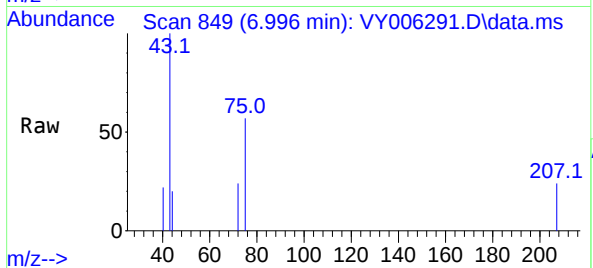
S-1

Tgt Ion: 43 Resp: 1048

Ion Ratio Lower Upper

43 100

72 23.6 17.7 26.5



#31

Cyclohexane

Concen: 1.149 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY006291.D

Acq: 04 Oct 2021 21:01

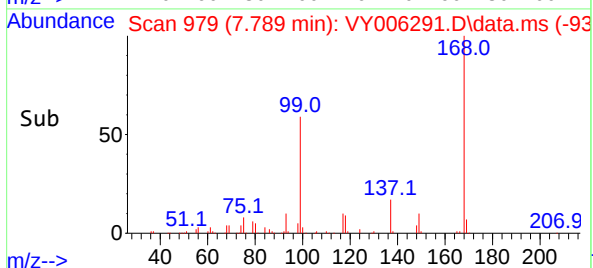
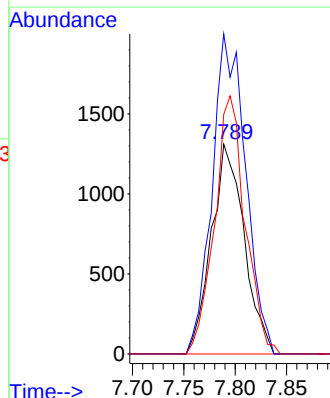
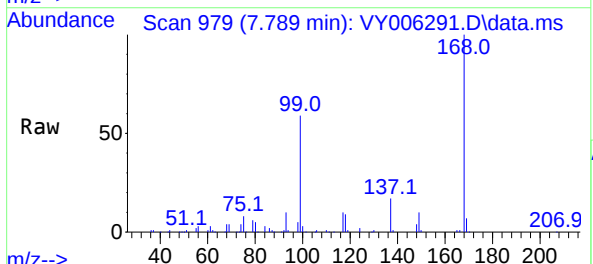
Tgt Ion: 56 Resp: 2907

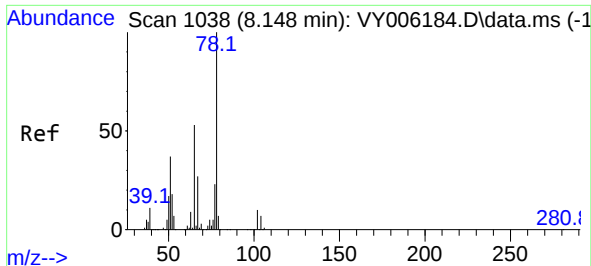
Ion Ratio Lower Upper

56 100

69 152.6 26.7 40.1#

84 114.2 67.2 100.8#

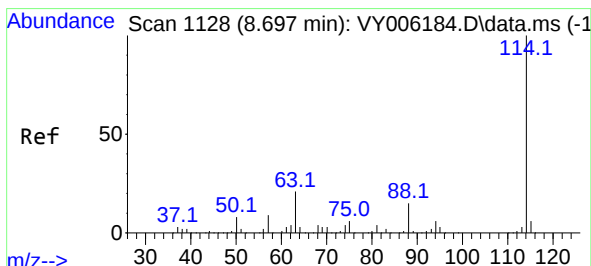
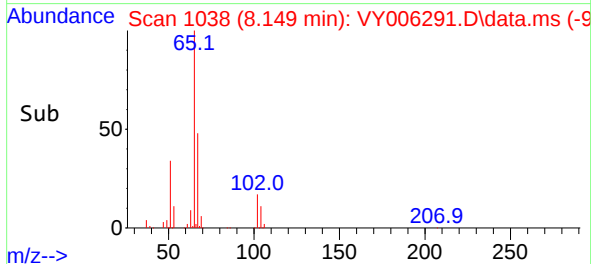
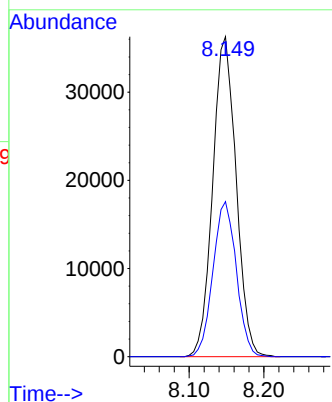
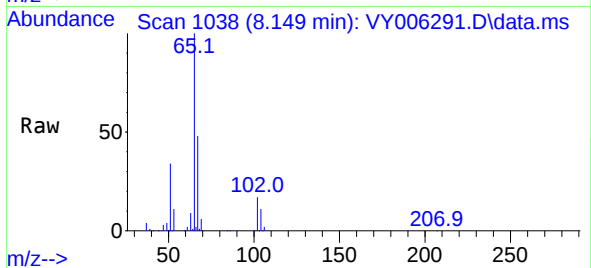




#33
1,2-Dichloroethane-d4
Concen: 59.159 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

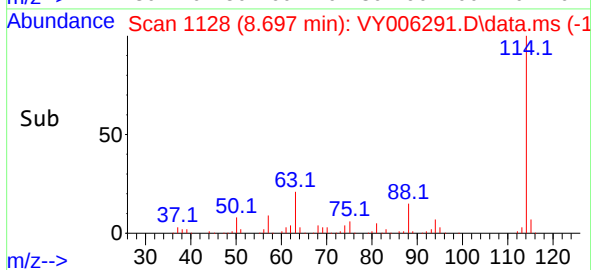
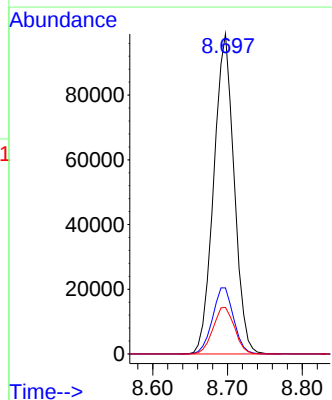
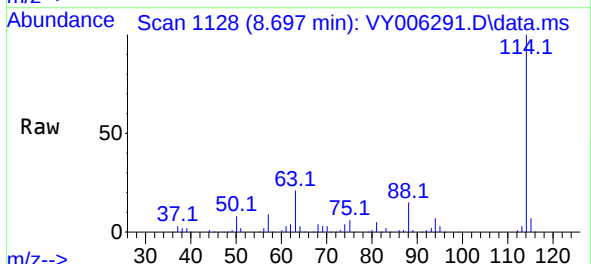
Instrument :
MSVOA_Y
ClientSampled :
S-1

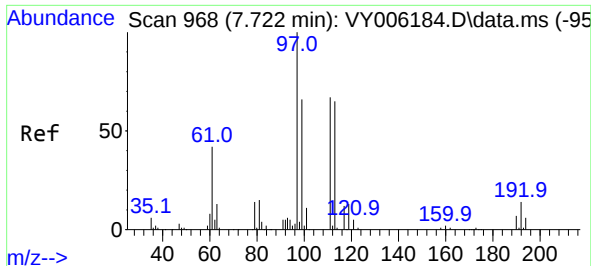
Tgt Ion: 65 Resp: 79027
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 114 Resp: 187486
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 14.6 0.0 31.8



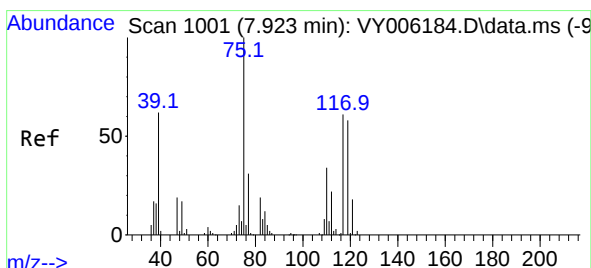
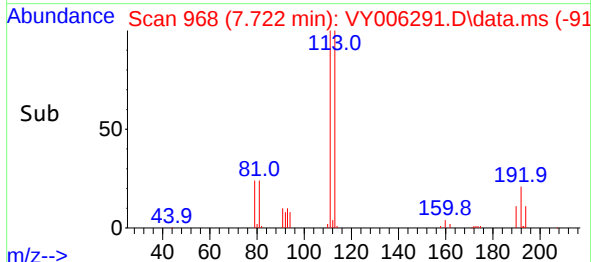
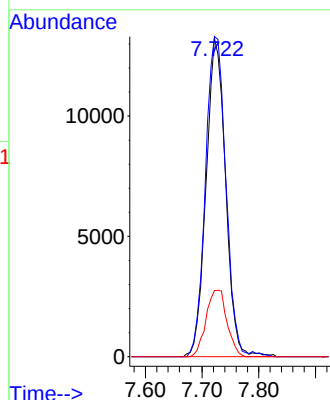
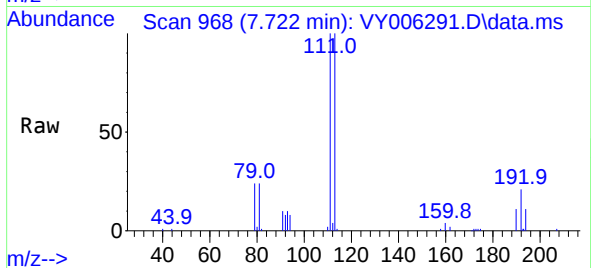


#35
Dibromofluoromethane
Concen: 31.482 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

Instrument :
MSVOA_Y
ClientSampled :
S-1

Tgt Ion:113 Resp: 31534

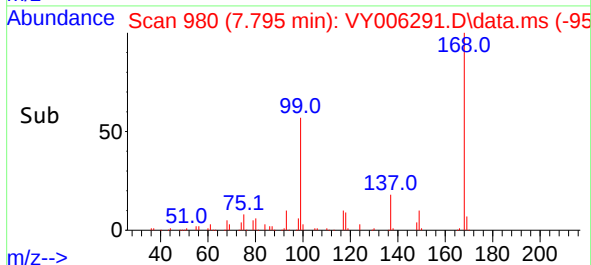
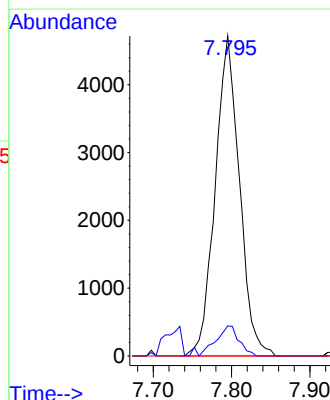
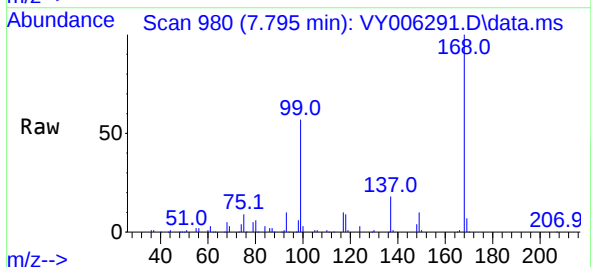
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.6	124.0
192	22.3	17.6	26.4

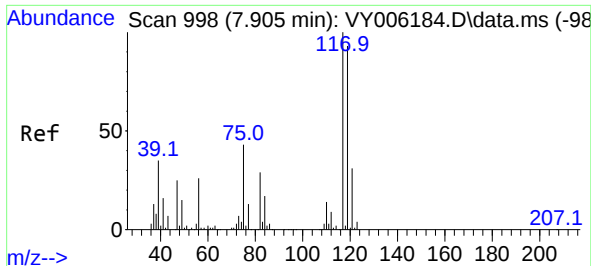


#36
1,1-Dichloropropene
Concen: 5.444 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 75 Resp: 10156

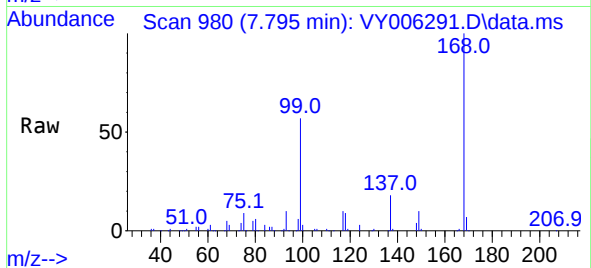
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.1	51.2#
77	0.0	24.4	36.6#



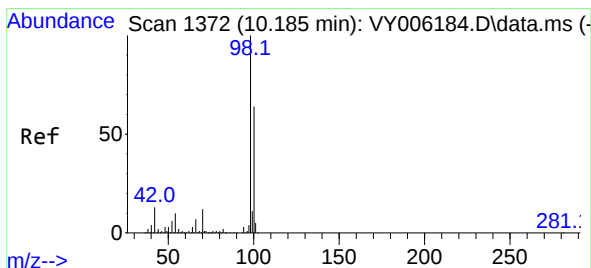
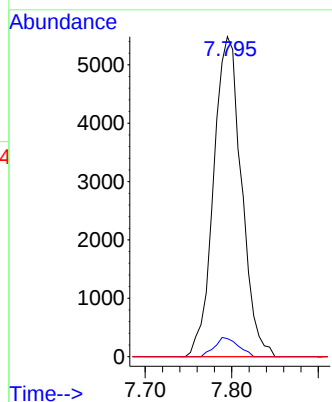
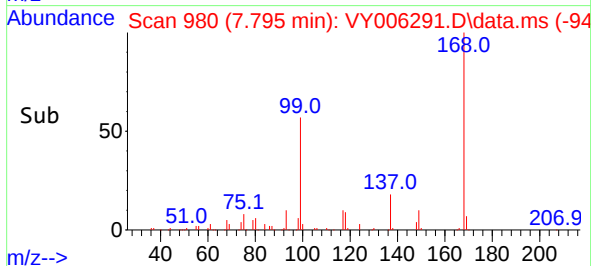


#38
Carbon Tetrachloride
Concen: 6.231 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

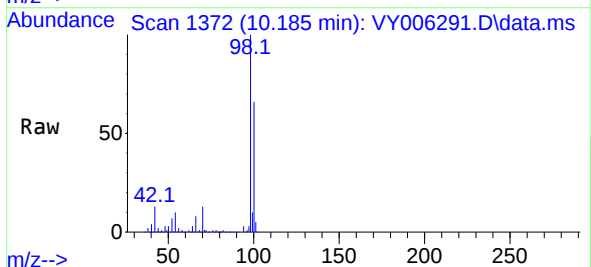
Instrument :
MSVOA_Y
ClientSampled :
S-1



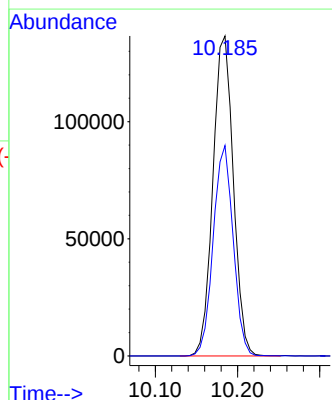
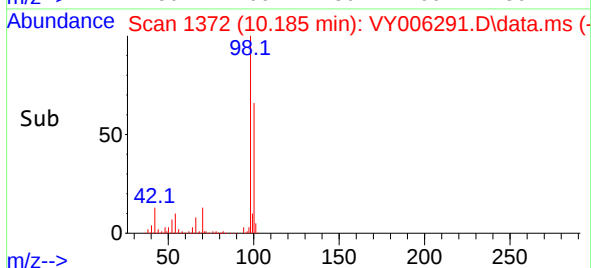
Tgt Ion:117 Resp: 12274
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#

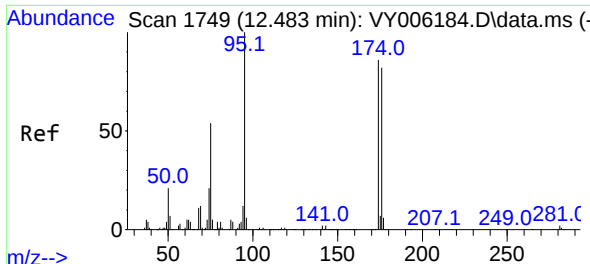


#50
Toluene-d8
Concen: 56.205 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01



Tgt Ion: 98 Resp: 235618
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



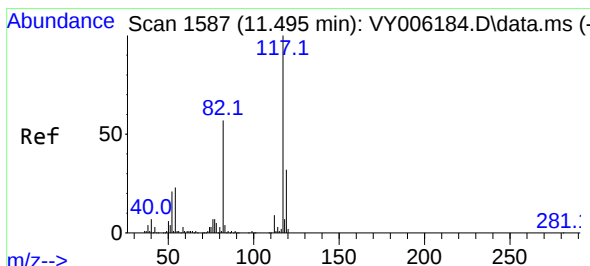
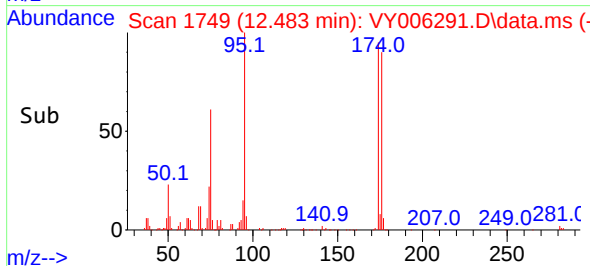
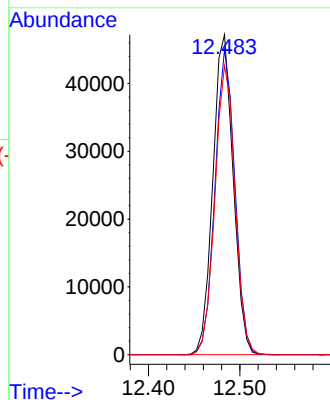
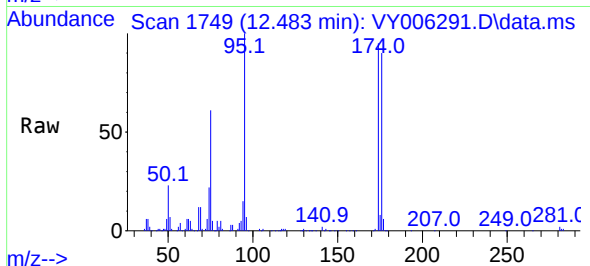


#62
4-Bromofluorobenzene
Concen: 51.253 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

Instrument :
MSVOA_Y
ClientSampled :
S-1

Tgt Ion: 95 Resp: 72991

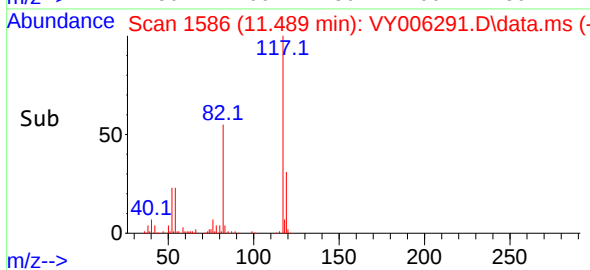
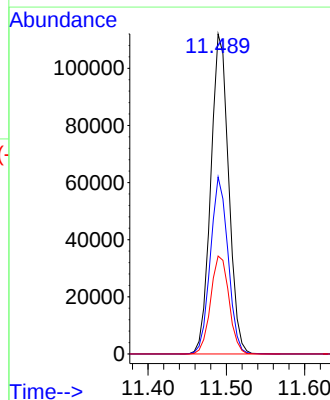
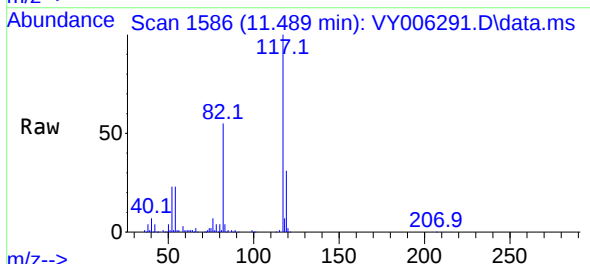
Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	177.0
176	89.4	0.0	175.8

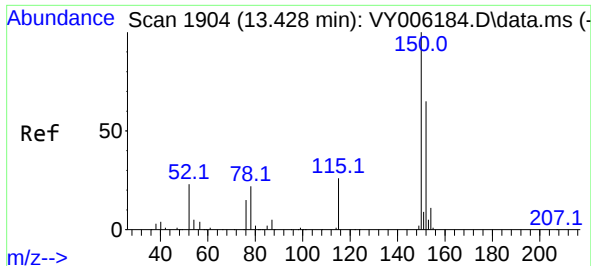


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 117 Resp: 177215

Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.0	64.4
119	30.6	25.4	38.0

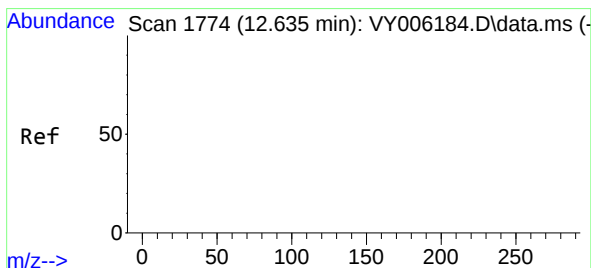
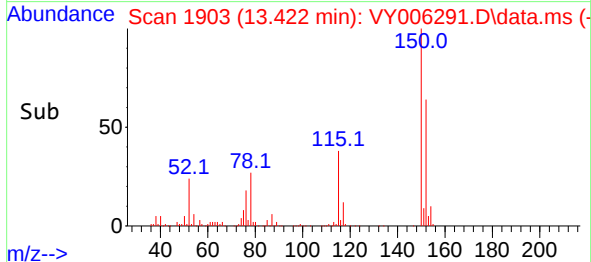
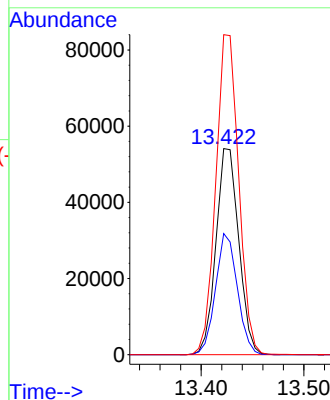
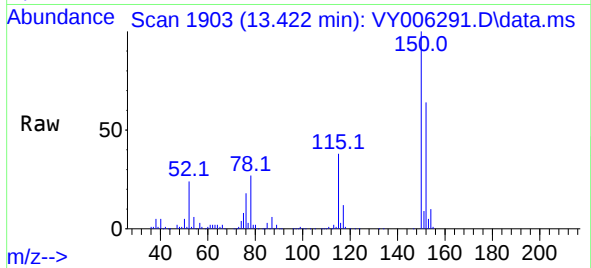




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

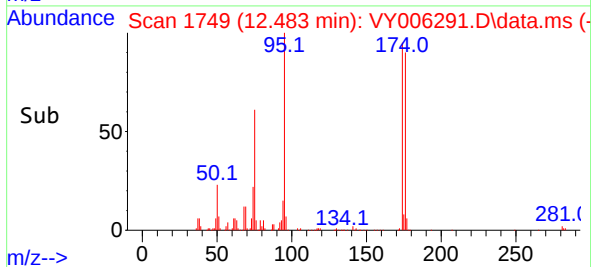
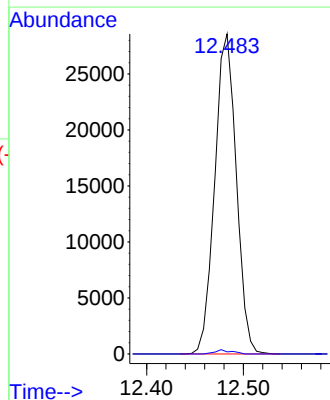
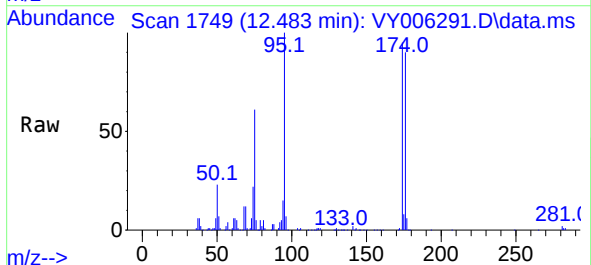
Instrument :
MSVOA_Y
ClientSampled :
S-1

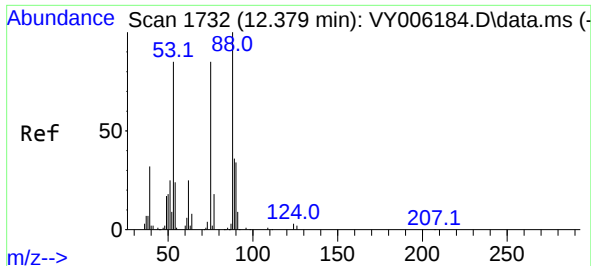
Tgt Ion:152 Resp: 83268
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 155.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 54.481 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

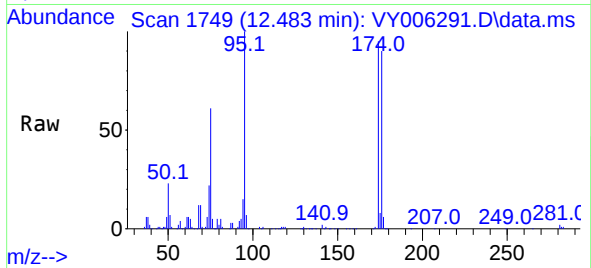
Tgt Ion: 75 Resp: 44093
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.064 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006291.D
 Acq: 04 Oct 2021 21:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1



Tgt Ion: 75 Resp: 44093
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

