

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006141.D
 Acq On : 24 Sep 2021 16:19
 Operator : SY/MD
 Sample : M3917-13
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8

Quant Time: Sep 25 05:46:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

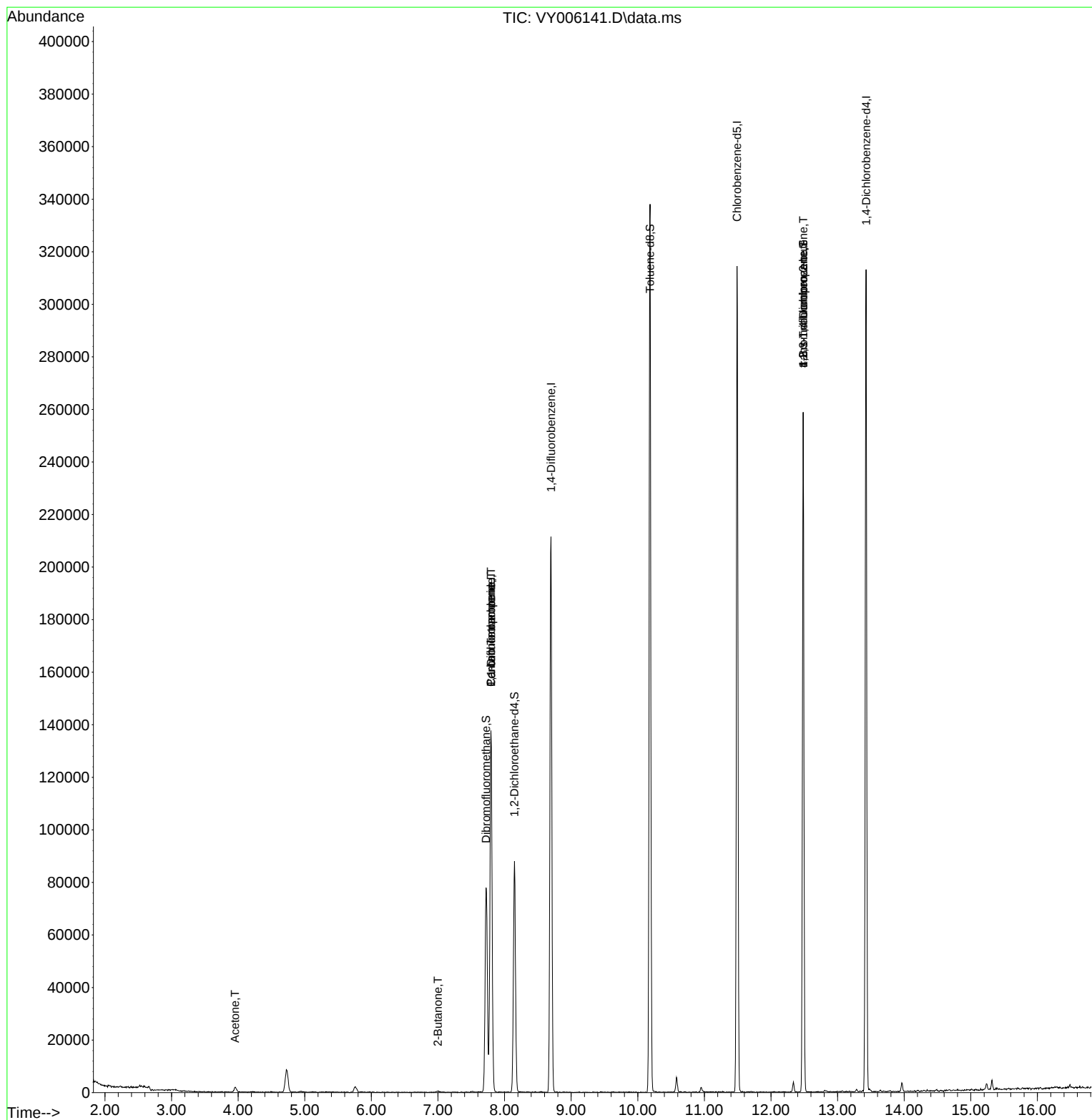
Internal Standards						
1) Pentafluorobenzene	7.795	168	109050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	163991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72404	47.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.600%
35) Dibromofluoromethane	7.722	113	52620	48.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.120%
50) Toluene-d8	10.185	98	217251	47.043	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.080%
62) 4-Bromofluorobenzene	12.483	95	68438	43.649	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.300%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	314	Below Cal	#	77
16) Acetone	3.954	43	3334	8.025	ug/l	99
25) 2-Butanone	6.997	43	596	1.041	ug/l #	54
36) 1,1-Dichloropropene	7.795	75	8093	4.298	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10433	5.090	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	39602	46.775	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39602	85.997	ug/l #	7

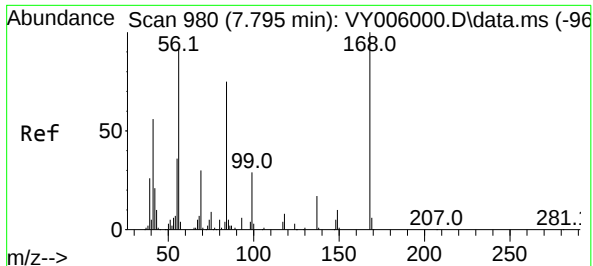
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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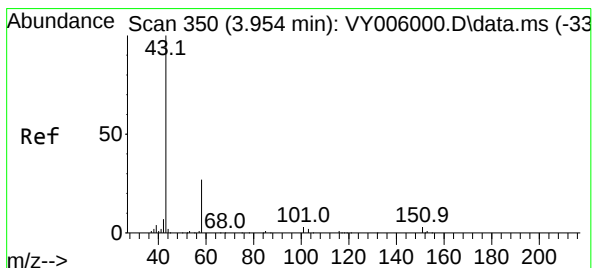
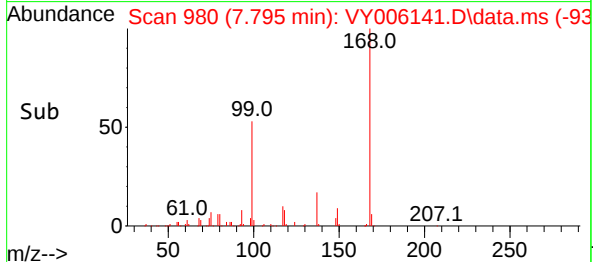
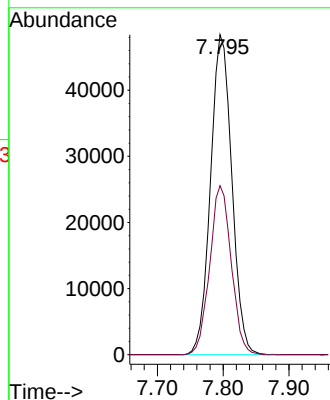
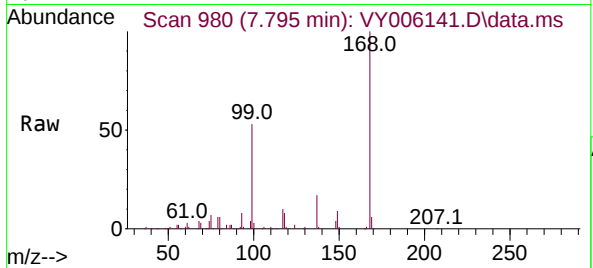




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

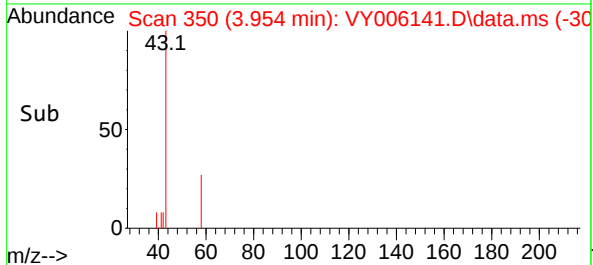
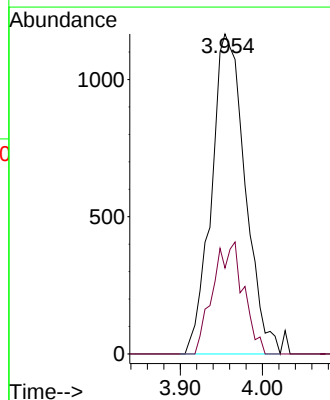
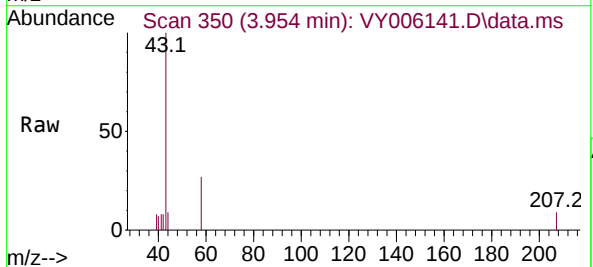
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

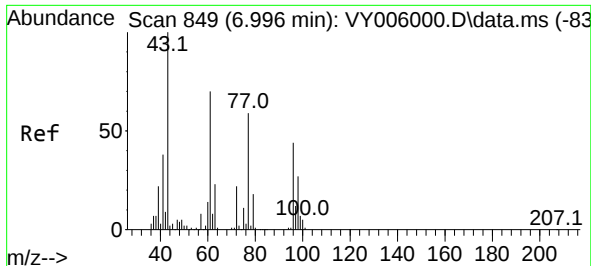
Tgt Ion:168 Resp: 109050
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#16
Acetone
Concen: 8.025 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

Tgt Ion: 43 Resp: 3334
Ion Ratio Lower Upper
43 100
58 26.8 22.0 33.0





#25

2-Butanone

Concen: 1.041 ug/l

RT: 6.997 min Scan# 849

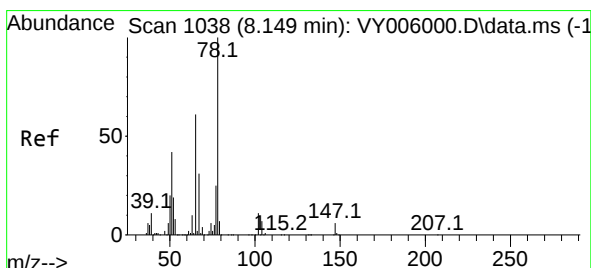
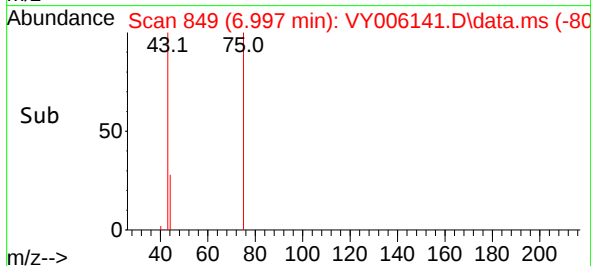
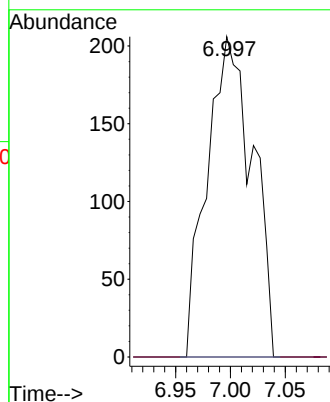
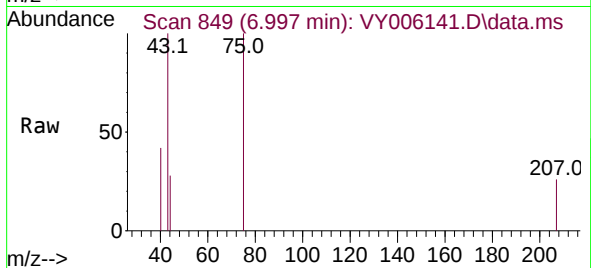
Delta R.T. 0.000 min

Lab File: VY006141.D

Acq: 24 Sep 2021 16:19

Instrument :
MSVOA_Y
ClientSampled :
TP-8

Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 47.799 ug/l

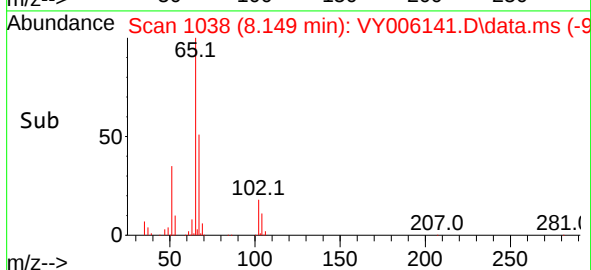
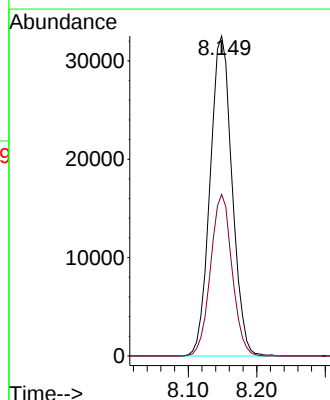
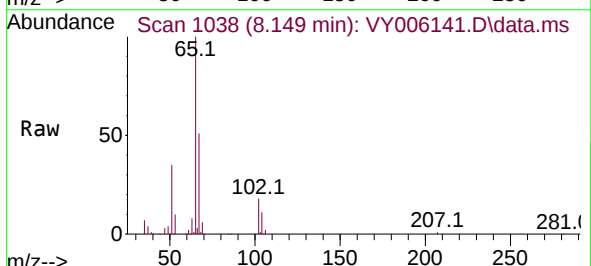
RT: 8.149 min Scan# 1038

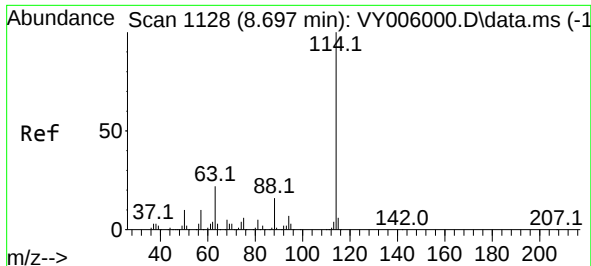
Delta R.T. 0.000 min

Lab File: VY006141.D

Acq: 24 Sep 2021 16:19

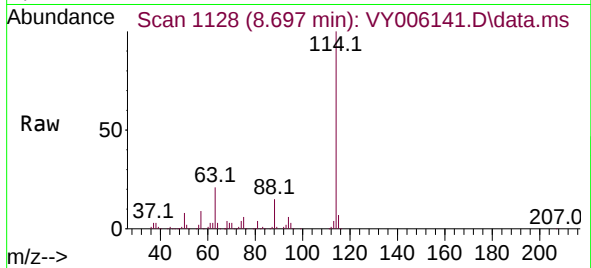
Tgt Ion: 65 Resp: 72404
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4



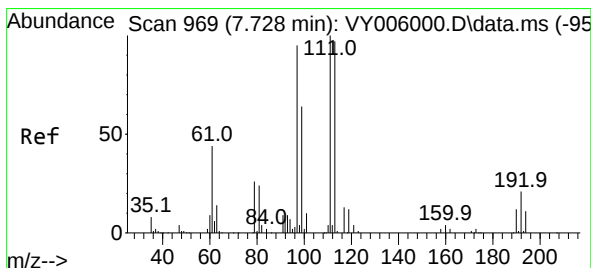
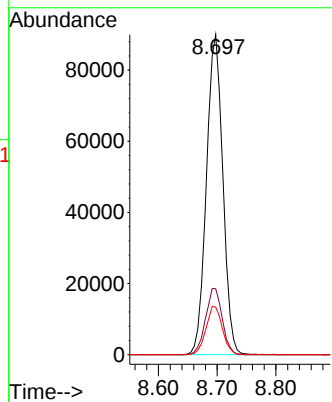
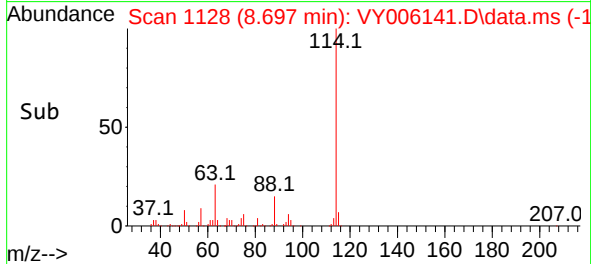


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

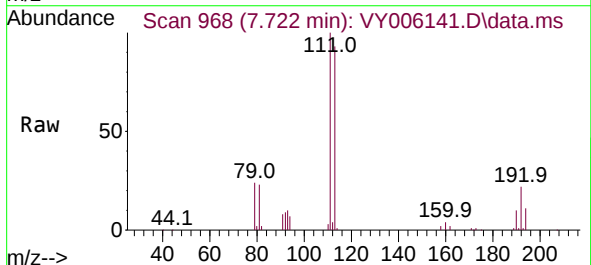
Instrument :
MSVOA_Y
ClientSampleId :
TP-8



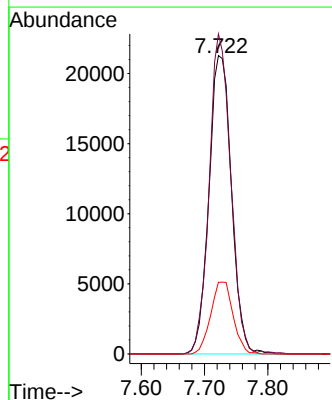
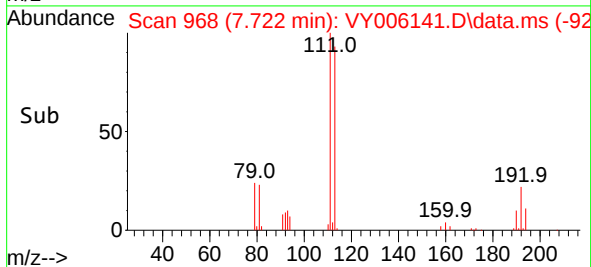
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	14.9	0.0	31.8

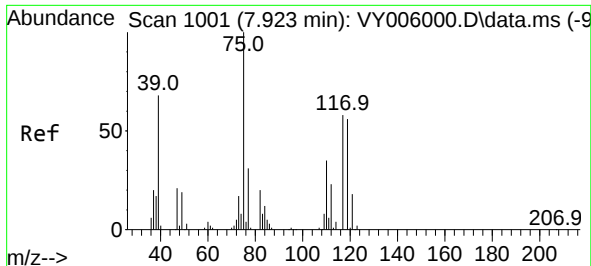


#35
Dibromofluoromethane
Concen: 48.563 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19



Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	23.9	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.298 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006141.D

Acq: 24 Sep 2021 16:19

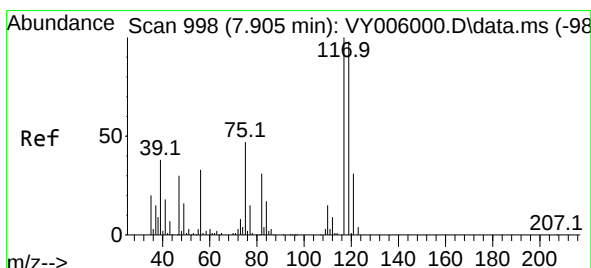
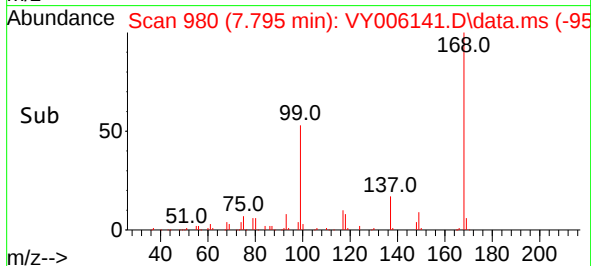
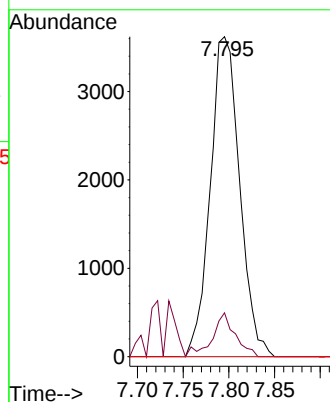
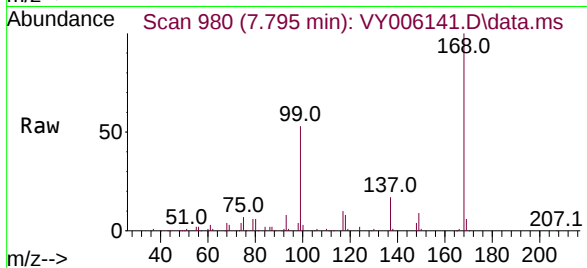
Instrument :

MSVOA_Y

ClientSampleId :

TP-8

Tgt Ion:	75	Resp:	8093
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.090 ug/l

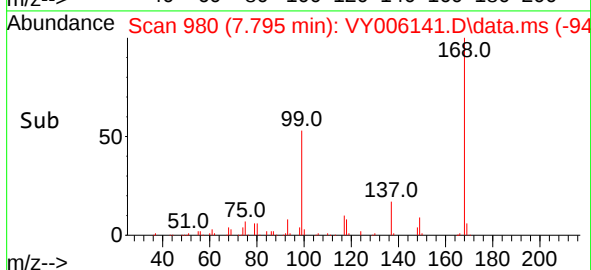
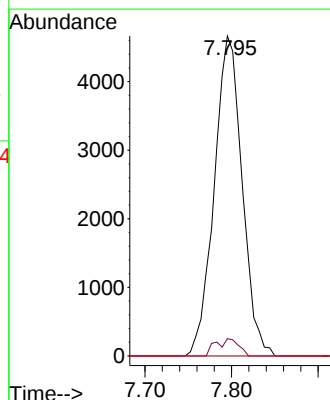
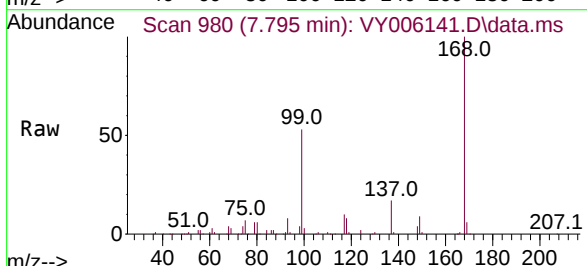
RT: 7.795 min Scan# 980

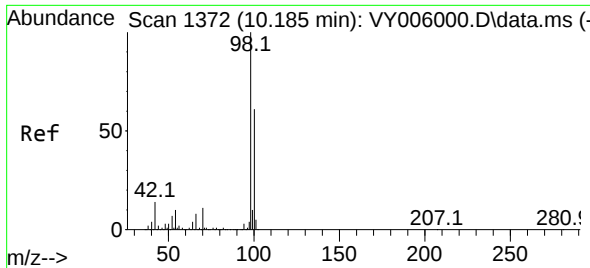
Delta R.T. -0.110 min

Lab File: VY006141.D

Acq: 24 Sep 2021 16:19

Tgt Ion:	117	Resp:	10433
Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.9	116.9#
121	0.0	24.8	37.2#

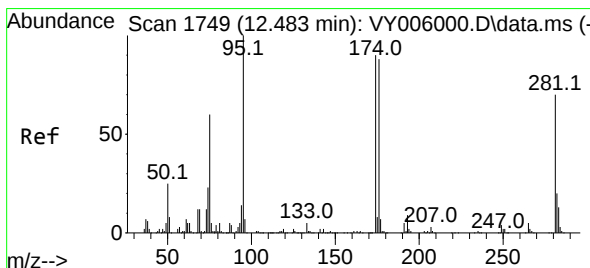
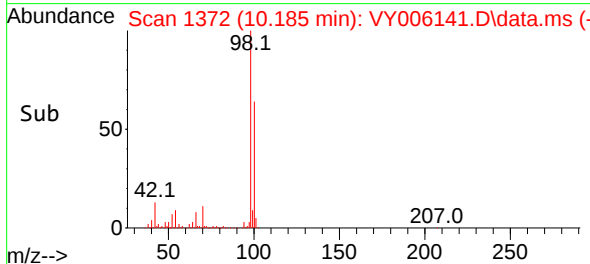
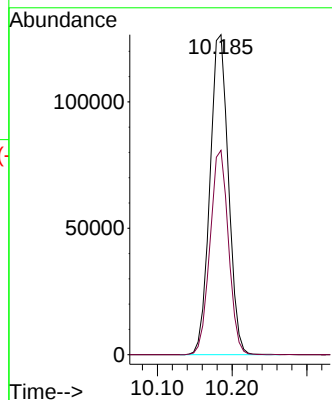
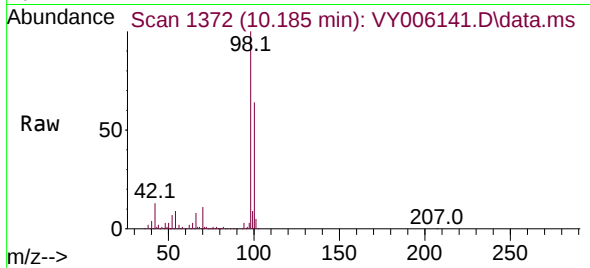




#50
Toluene-d8
Concen: 47.043 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

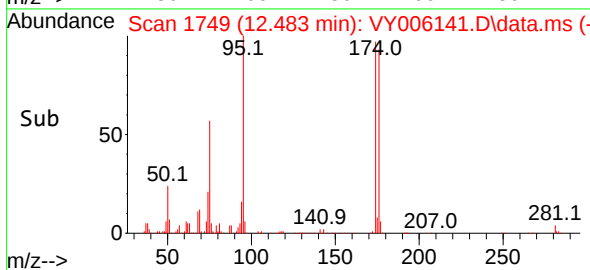
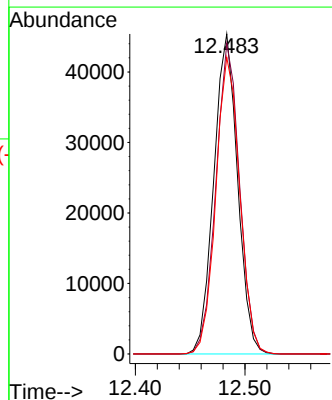
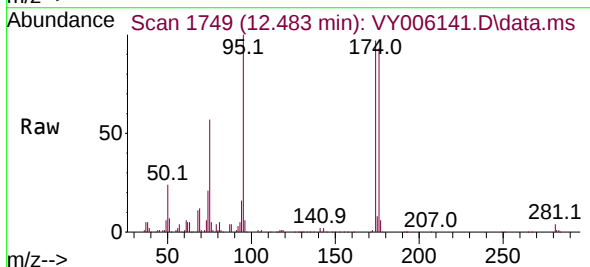
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

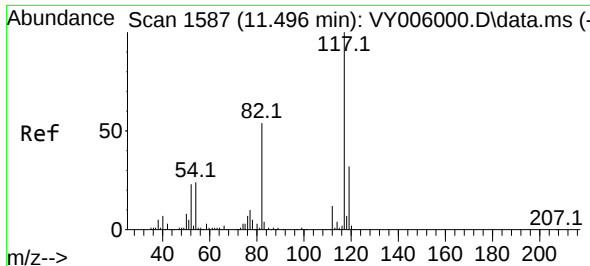
Tgt Ion: 98 Resp: 217251
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.649 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

Tgt Ion: 95 Resp: 68438
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 93.2 0.0 175.8

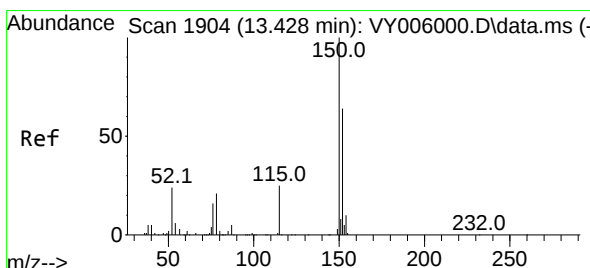
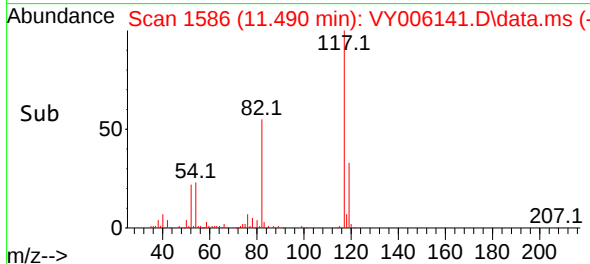
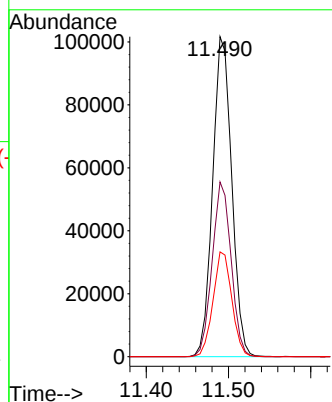
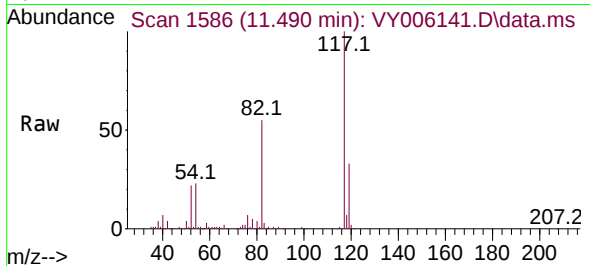




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

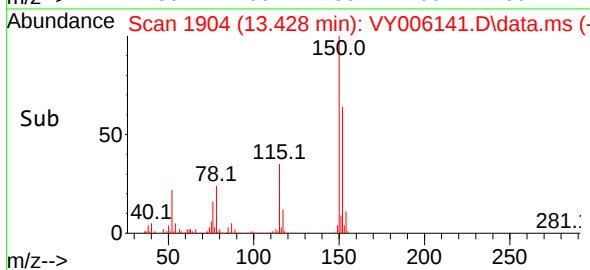
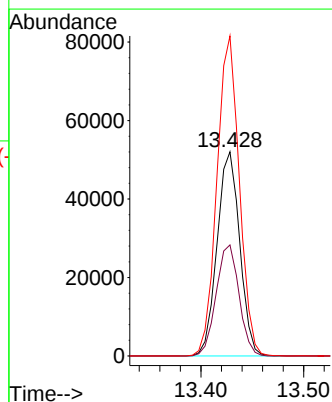
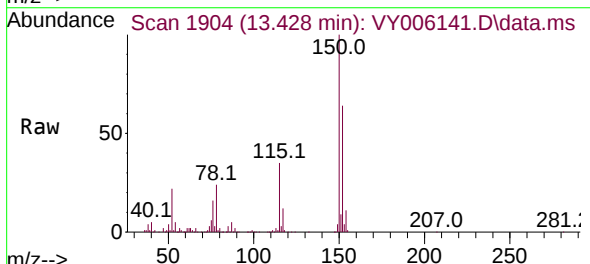
Instrument :
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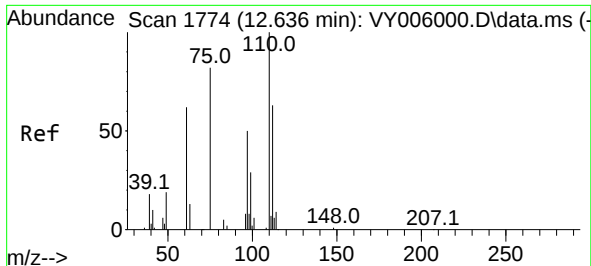
Tgt Ion:117 Resp: 163991
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

Tgt Ion:152 Resp: 79408
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 155.0 0.0 347.6

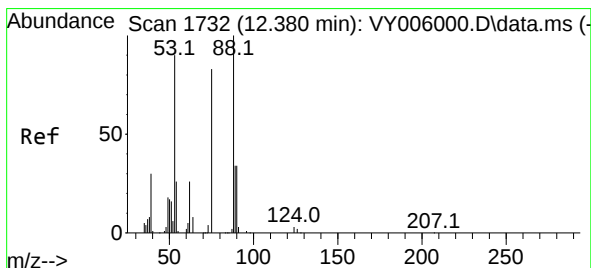
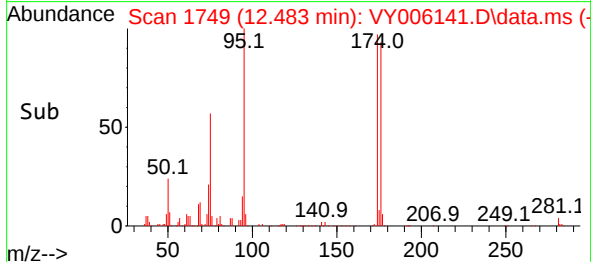
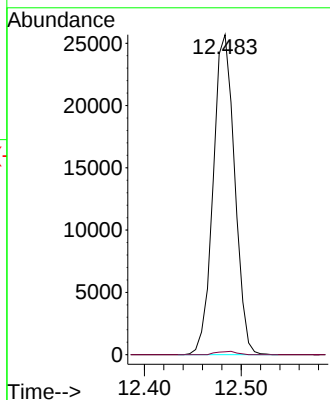
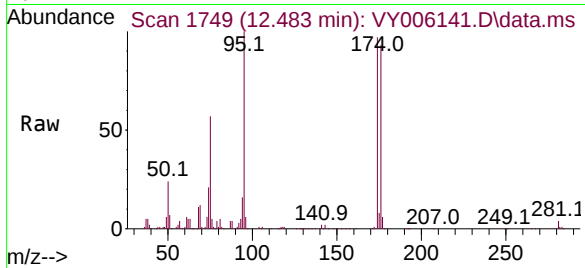




#76
1,2,3-Trichloropropane
Concen: 46.775 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

Instrument :
MSVOA_Y
ClientSampled :
TP-8

Tgt Ion: 75 Resp: 39602
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.997 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

Tgt Ion: 75 Resp: 39602
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

