

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006140.D
 Acq On : 24 Sep 2021 15:55
 Operator : SY/MD
 Sample : M3917-10
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9

Quant Time: Sep 25 05:45:45 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	116585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	188820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82794	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78671	48.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.160%
35) Dibromofluoromethane	7.722	113	57168	48.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.185	98	234678	46.950	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.900%
62) 4-Bromofluorobenzene	12.483	95	73903	43.547	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.100%

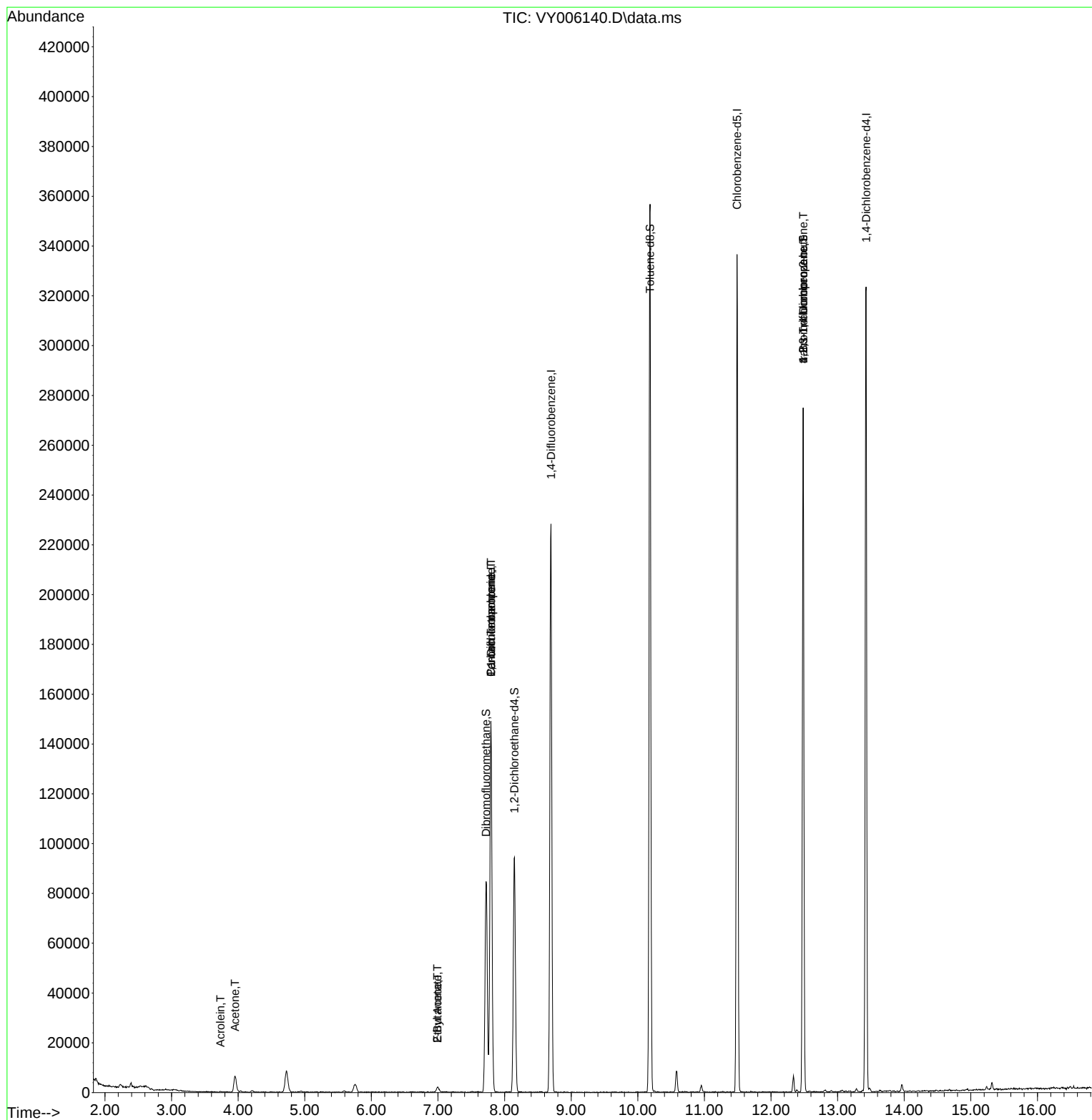
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	248	Below Cal	#	77
13) Acrolein	3.735	56	211	2.168	ug/l	# 49
16) Acetone	3.954	43	11496	25.882	ug/l	97
20) Methylene Chloride	4.722	84	5997	Below Cal	#	91
25) 2-Butanone	6.990	43	3209	5.242	ug/l	96
36) 1,1-Dichloropropene	7.795	75	8470	4.156	ug/l	# 51
37) Ethyl Acetate	6.990	43	3209	2.279	ug/l	# 72
38) Carbon Tetrachloride	7.795	117	11294	5.090	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	42148	47.747	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	42148	87.783	ug/l	# 7

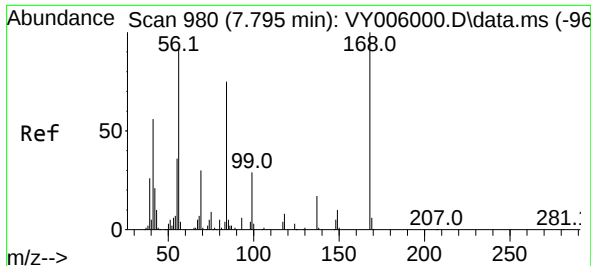
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

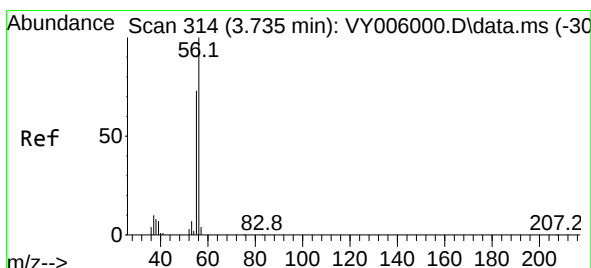
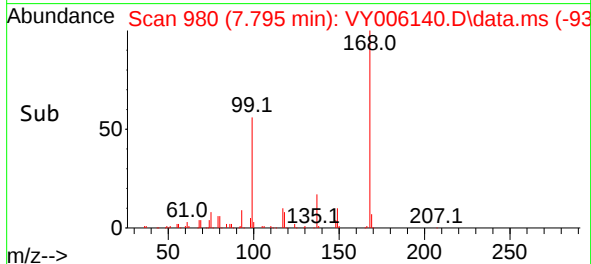
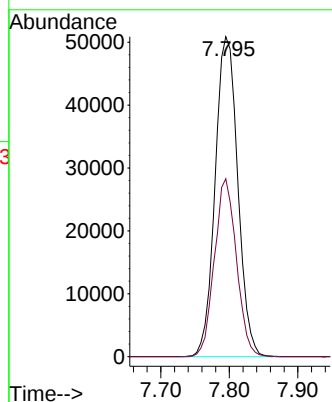
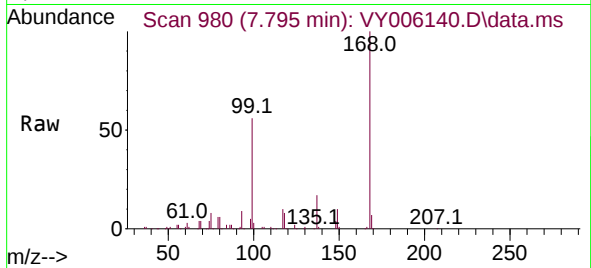




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006140.D
Acq: 24 Sep 2021 15:55

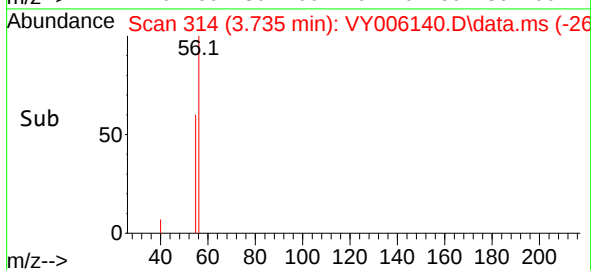
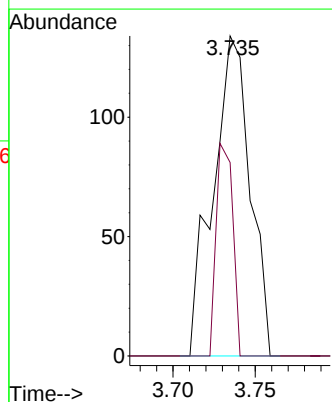
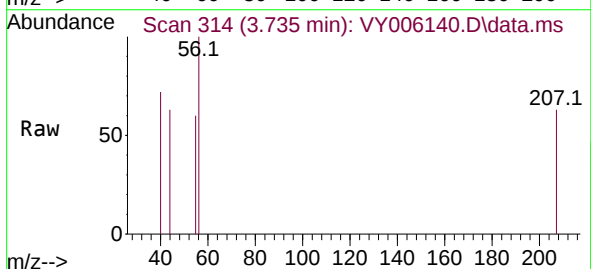
Instrument :
MSVOA_Y
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TP-9

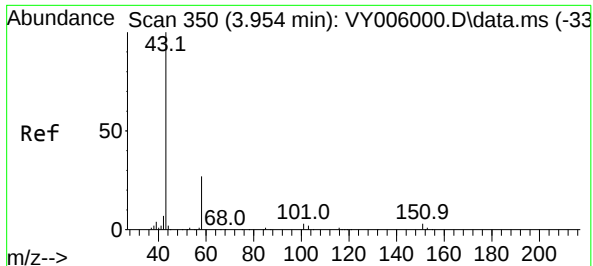
Tgt Ion:168 Resp: 116585
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#13
Acrolein
Concen: 2.168 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY006140.D
Acq: 24 Sep 2021 15:55

Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 29.4 57.6 86.4#

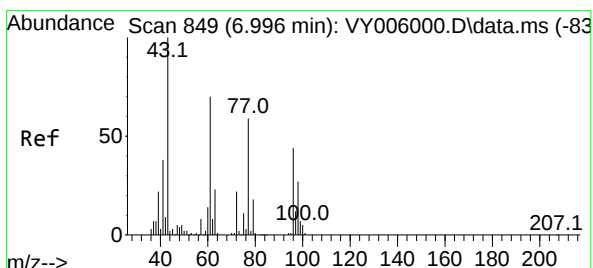
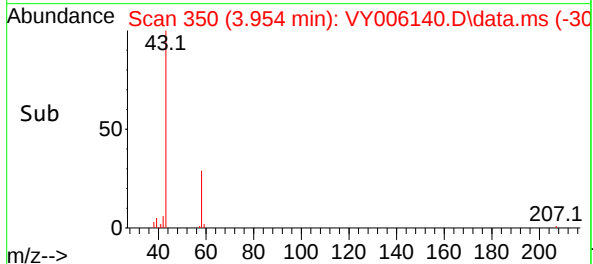
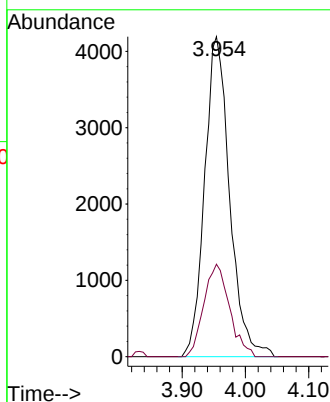
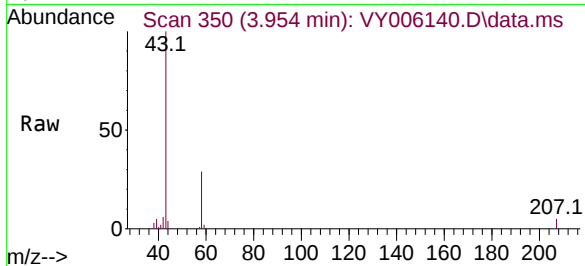




#16
Acetone
Concen: 25.882 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006140.D
Acq: 24 Sep 2021 15:55

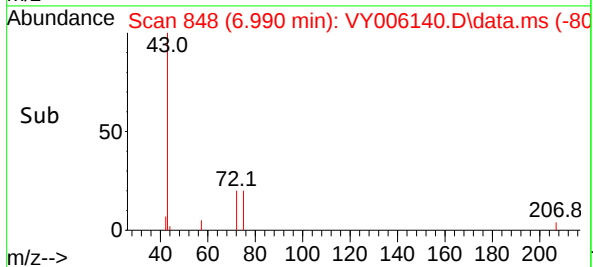
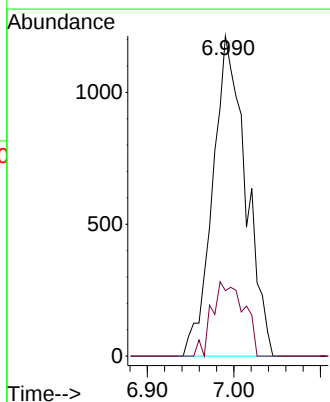
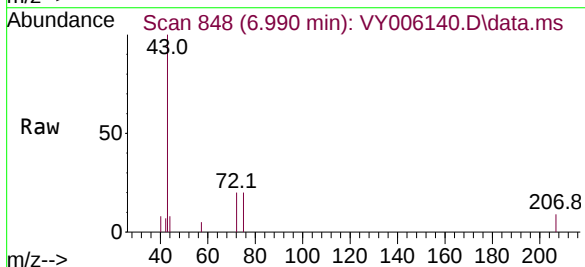
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

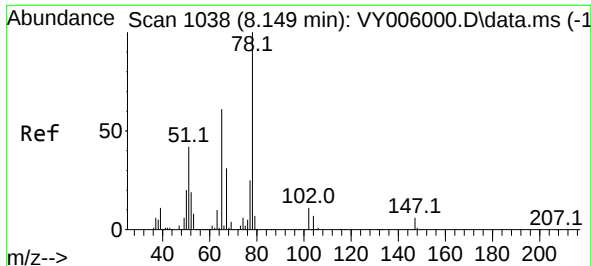
Tgt Ion: 43 Resp: 11496
Ion Ratio Lower Upper
43 100
58 28.9 22.0 33.0



#25
2-Butanone
Concen: 5.242 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006140.D
Acq: 24 Sep 2021 15:55

Tgt Ion: 43 Resp: 3209
Ion Ratio Lower Upper
43 100
72 20.4 17.7 26.5

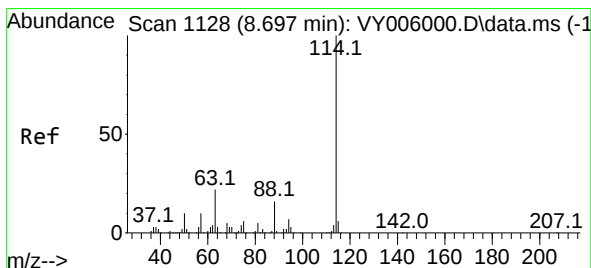
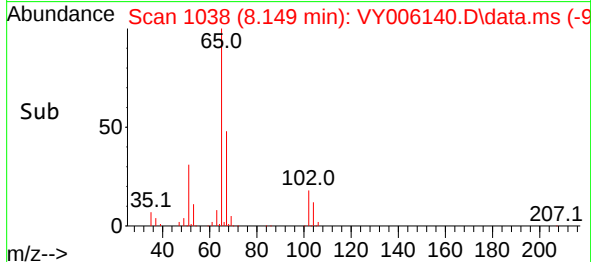
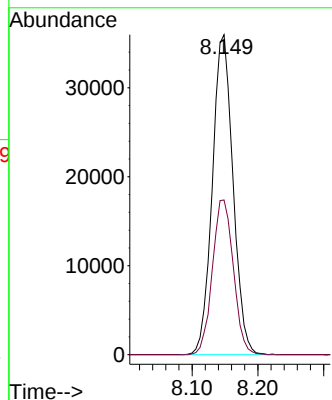
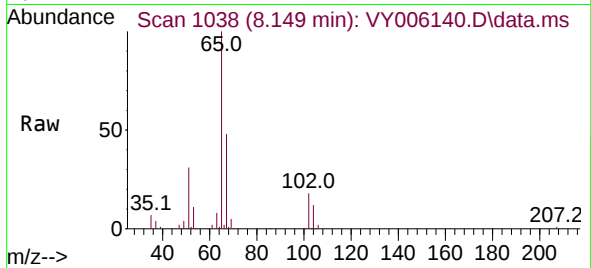




#33
 1,2-Dichloroethane-d4
 Concen: 48.579 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006140.D
 Acq: 24 Sep 2021 15:55

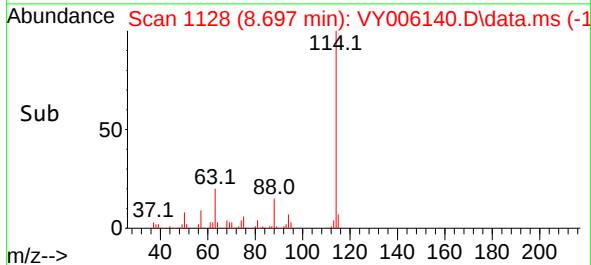
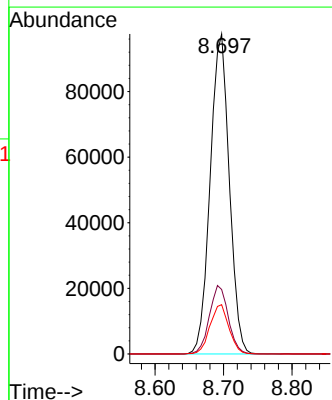
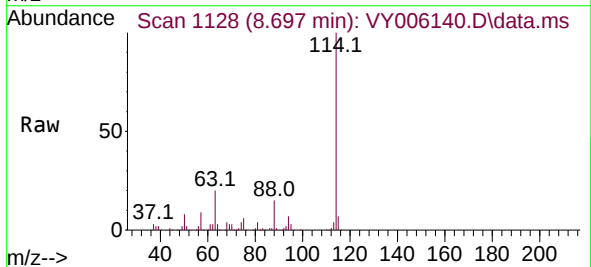
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-9

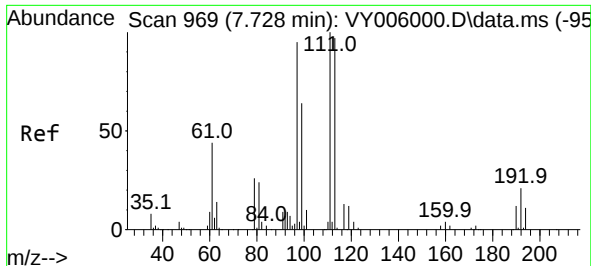
Tgt Ion: 65 Resp: 78671
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006140.D
 Acq: 24 Sep 2021 15:55

Tgt Ion: 114 Resp: 188820
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.2
 88 15.4 0.0 31.8

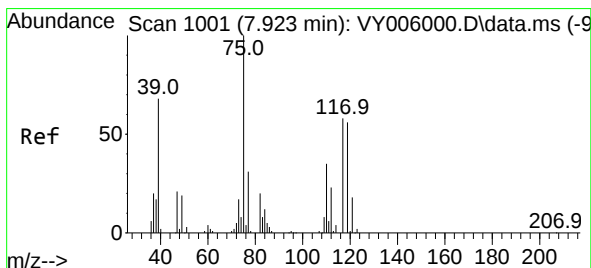
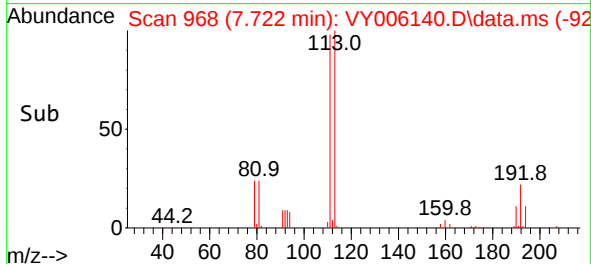
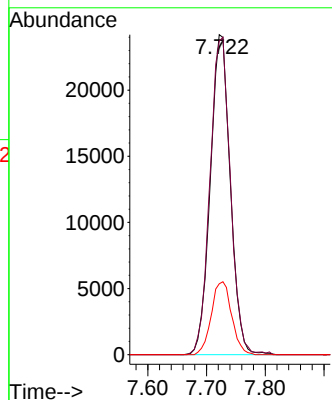
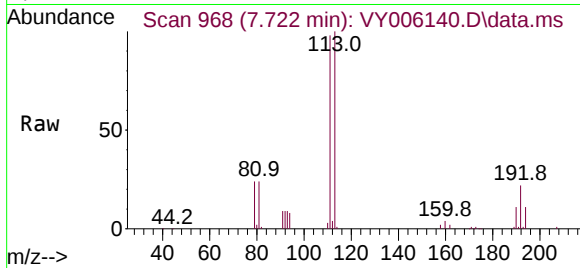




#35
Dibromofluoromethane
Concen: 48.745 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006140.D
Acq: 24 Sep 2021 15:55

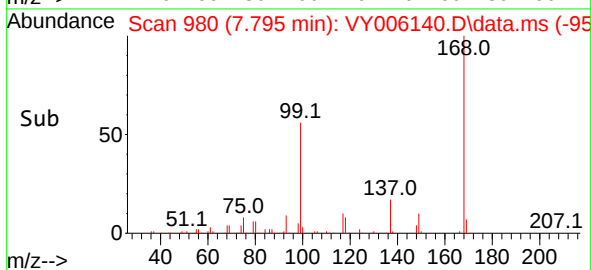
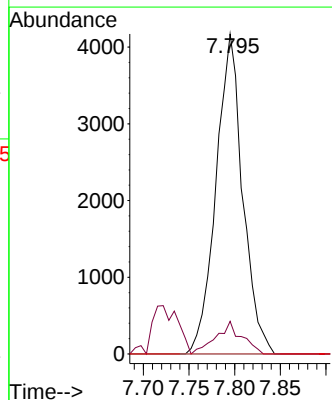
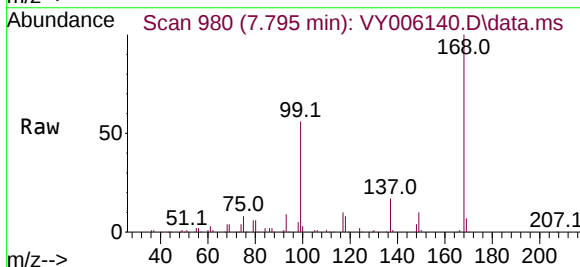
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

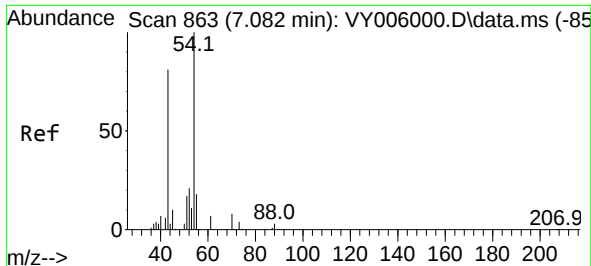
Tgt Ion:113 Resp: 57168
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 23.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.156 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006140.D
Acq: 24 Sep 2021 15:55

Tgt Ion: 75 Resp: 8470
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.279 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.092 min

Lab File: VY006140.D

Acq: 24 Sep 2021 15:55

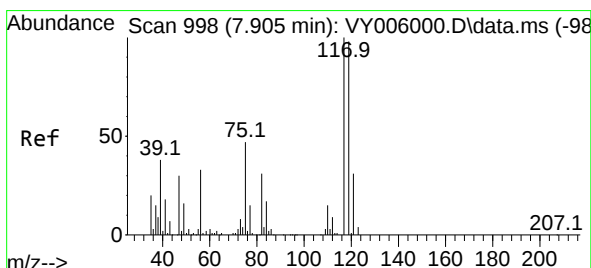
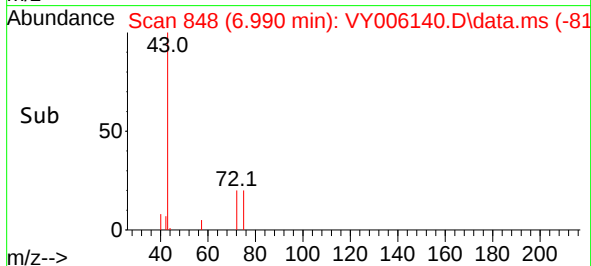
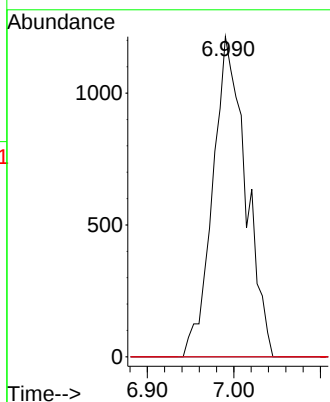
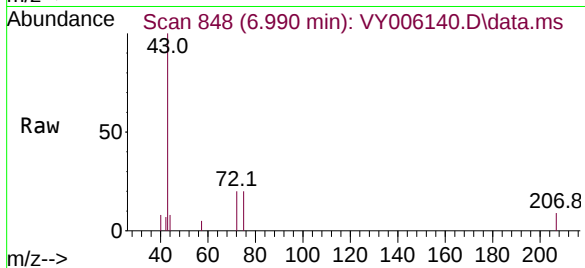
Instrument :

MSVOA_Y

ClientSampleId :

TP-9

Tgt Ion:	43	Resp:	3209
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.090 ug/l

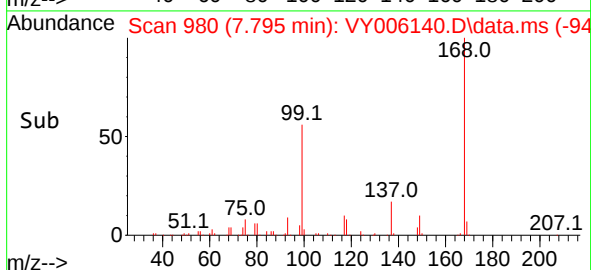
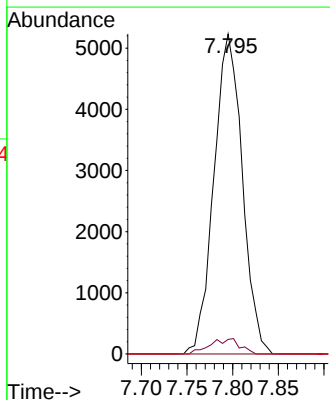
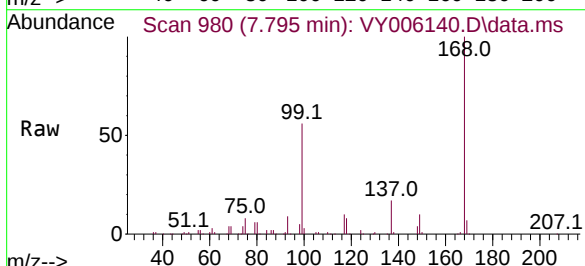
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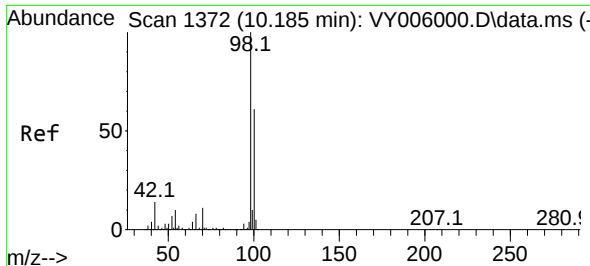
Delta R.T. -0.110 min

Lab File: VY006140.D

Acq: 24 Sep 2021 15:55

Tgt Ion:	117	Resp:	11294
Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.9	116.9#
121	0.0	24.8	37.2#

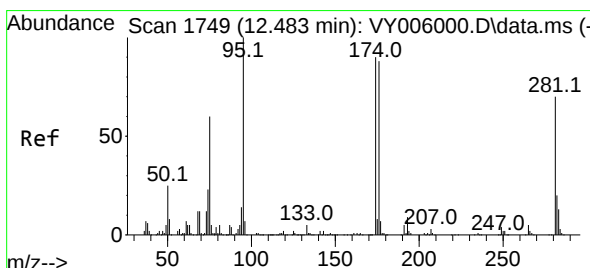
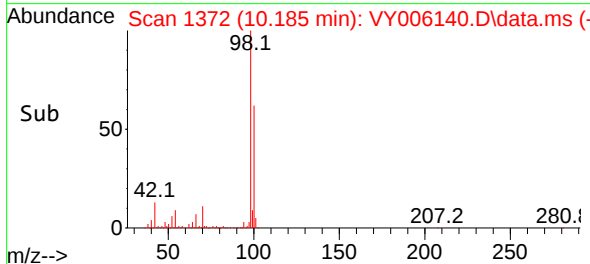
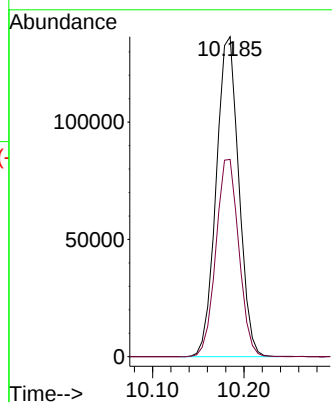
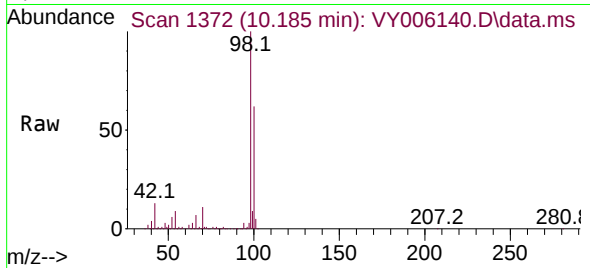




#50
Toluene-d8
Concen: 46.950 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006140.D
Acq: 24 Sep 2021 15:55

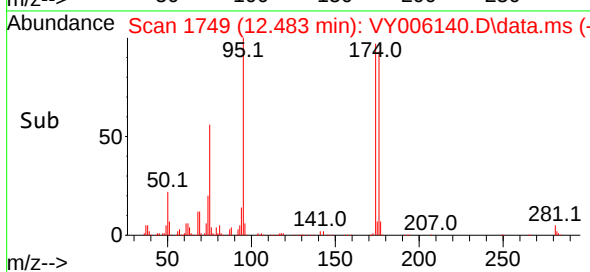
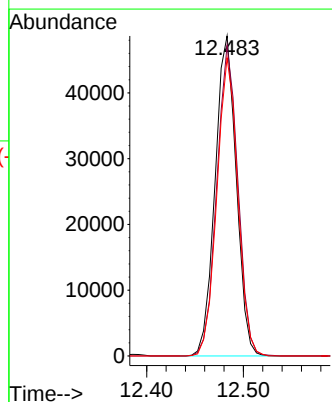
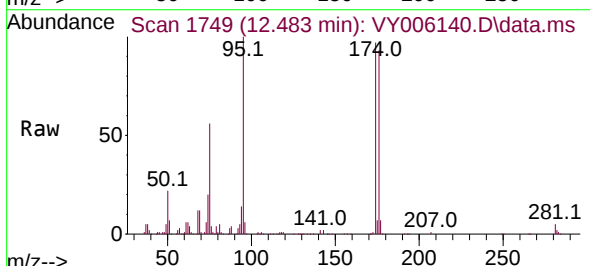
Instrument :
MSVOA_Y
ClientSampled :
TP-9

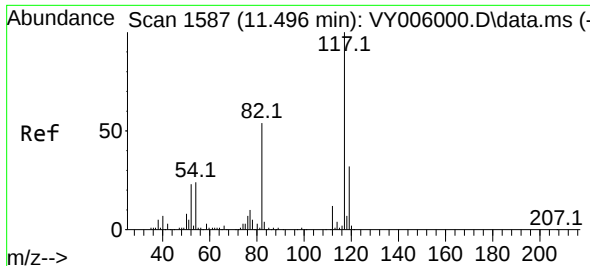
Tgt Ion: 98 Resp: 234678
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.547 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006140.D
Acq: 24 Sep 2021 15:55

Tgt Ion: 95 Resp: 73903
Ion Ratio Lower Upper
95 100
174 96.6 0.0 177.0
176 91.9 0.0 175.8

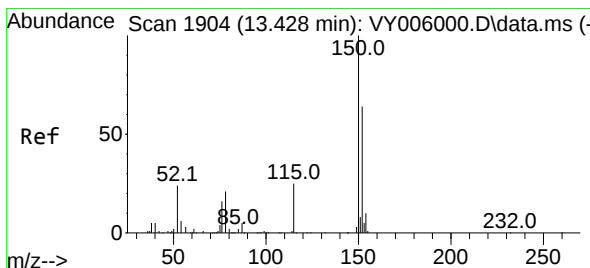
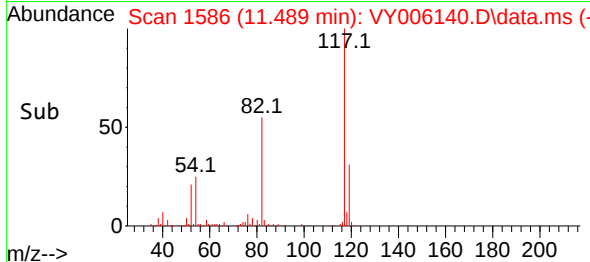
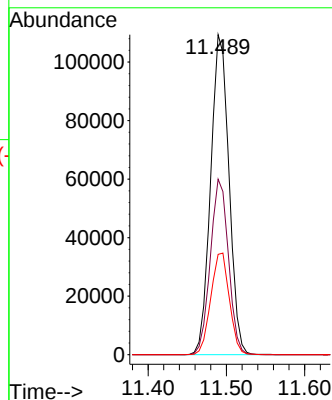
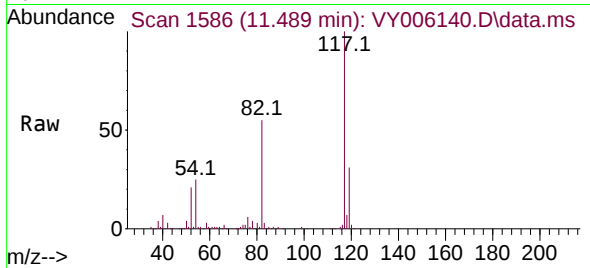




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006140.D
Acq: 24 Sep 2021 15:55

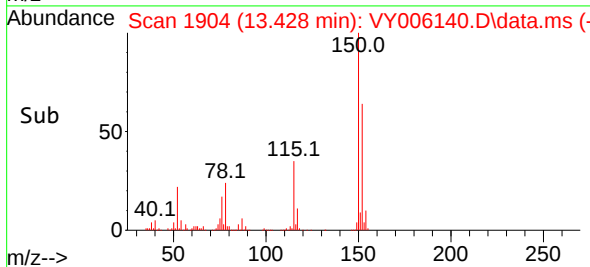
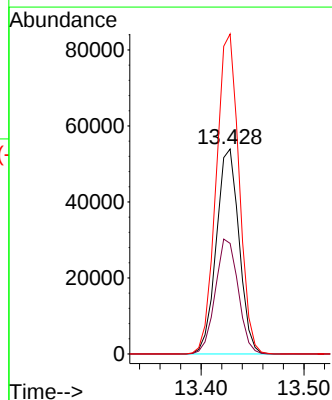
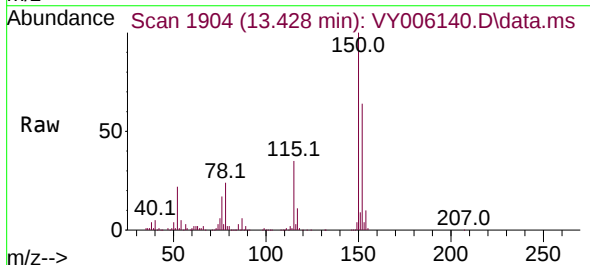
Instrument :
MSVOA_Y
ClientSampled :
TP-9

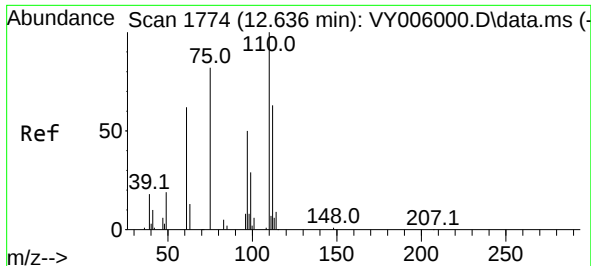
Tgt Ion:117 Resp: 177530
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006140.D
Acq: 24 Sep 2021 15:55

Tgt Ion:152 Resp: 82794
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 156.6 0.0 347.6

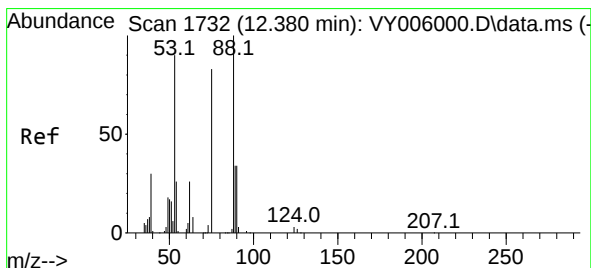
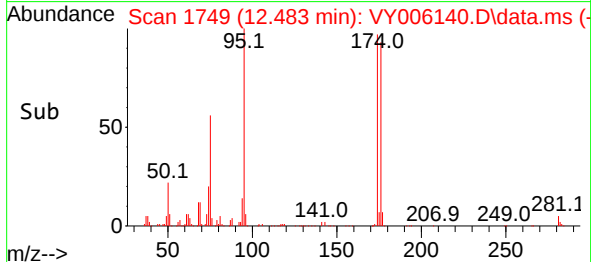
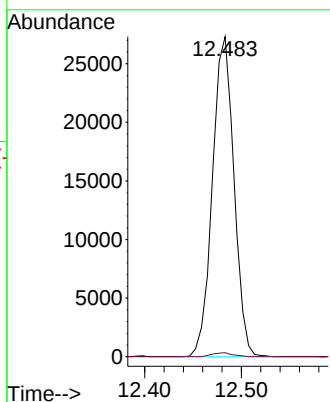
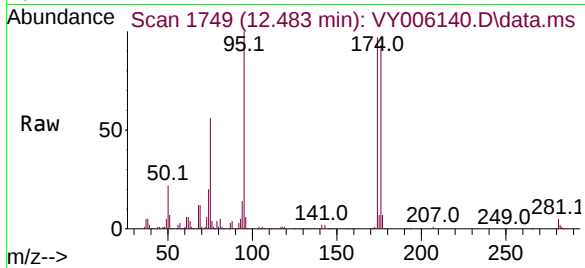




#76
1,2,3-Trichloropropane
Concen: 47.747 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006140.D
Acq: 24 Sep 2021 15:55

Instrument :
MSVOA_Y
ClientSampled :
TP-9

Tgt Ion: 75 Resp: 42148
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.783 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006140.D
Acq: 24 Sep 2021 15:55

Tgt Ion: 75 Resp: 42148
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

