

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006166.D
 Acq On : 27 Sep 2021 16:21
 Operator : SY/MD
 Sample : M3934-04RE
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7

Quant Time: Sep 28 06:21:33 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)

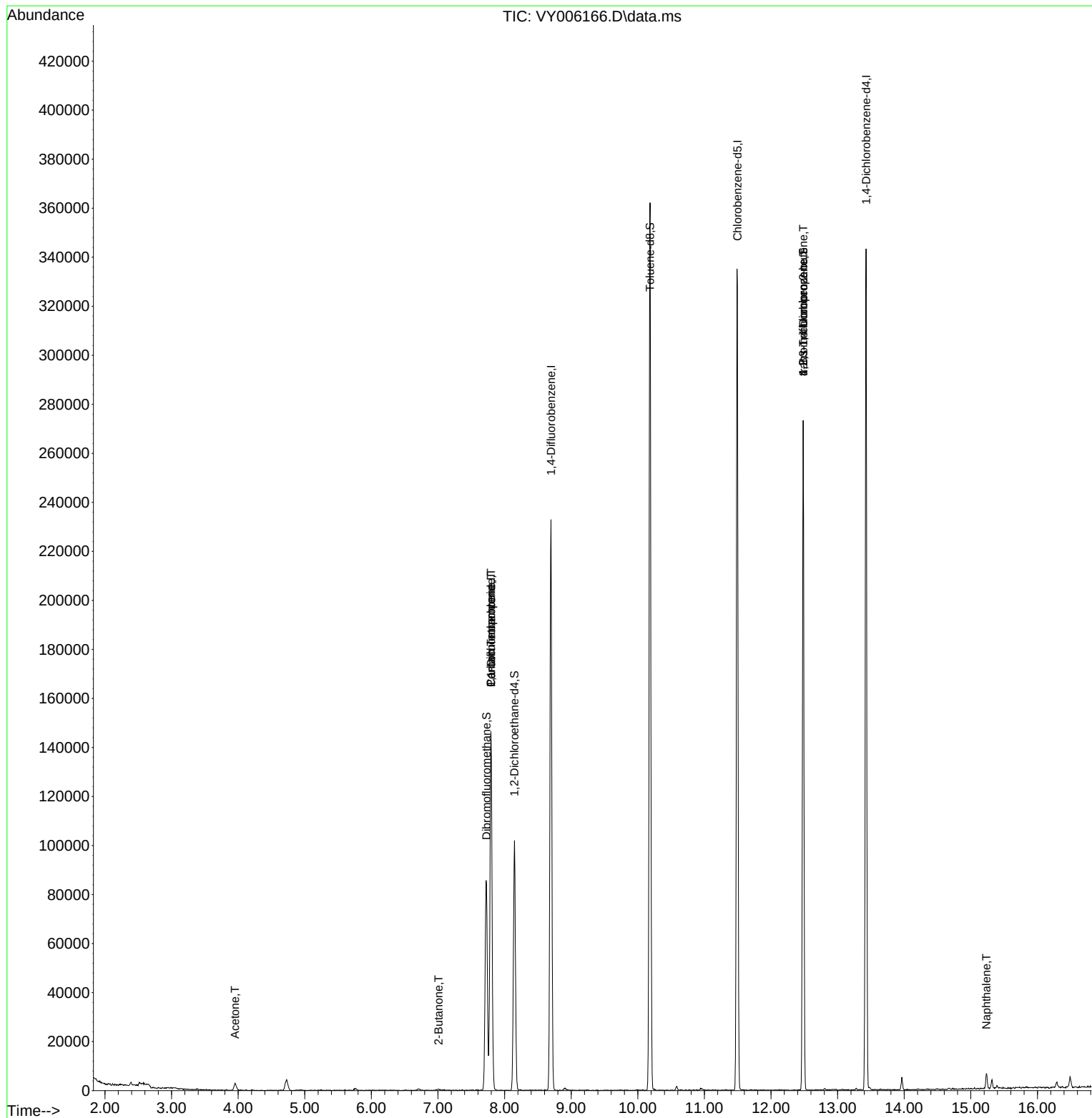
Internal Standards						
1) Pentafluorobenzene	7.795	168	115160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	189769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81878	51.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.380%	
35) Dibromofluoromethane	7.728	113	57891	49.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.220%	
50) Toluene-d8	10.185	98	236806	47.139	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.280%	
62) 4-Bromofluorobenzene	12.483	95	74201	43.504	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	229	Below Cal	#	77
16) Acetone	3.954	43	4828	11.004	ug/l #	88
20) Methylene Chloride	4.729	84	3132	Below Cal	#	78
25) 2-Butanone	7.009	43	647	1.070	ug/l	98
36) 1,1-Dichloropropene	7.795	75	8463	4.132	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10954	4.912	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	42743	47.119	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42743	86.628	ug/l #	7
95) Naphthalene	15.233	128	5290	1.556	ug/l	97

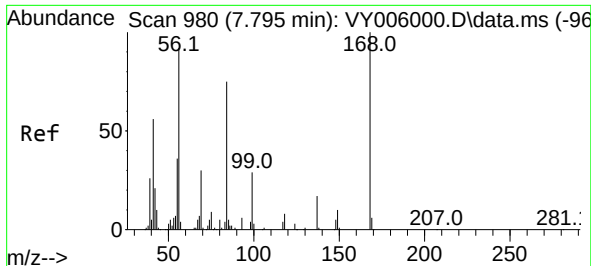
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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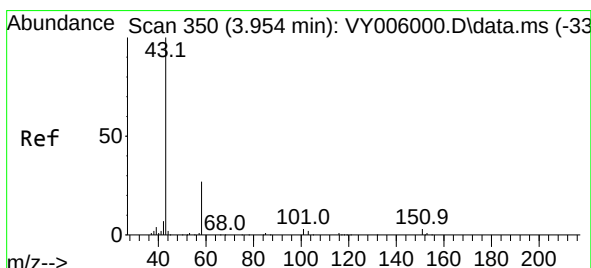
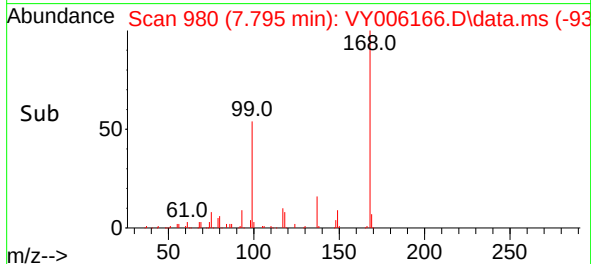
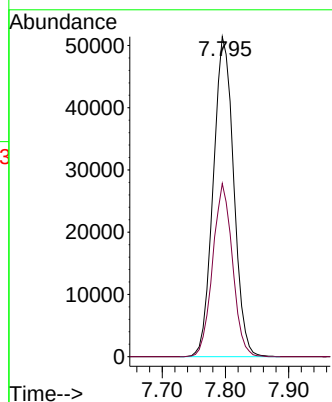
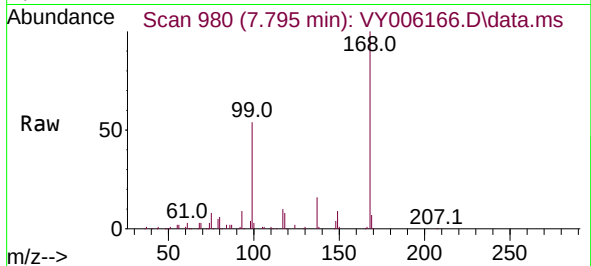




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006166.D
Acq: 27 Sep 2021 16:21

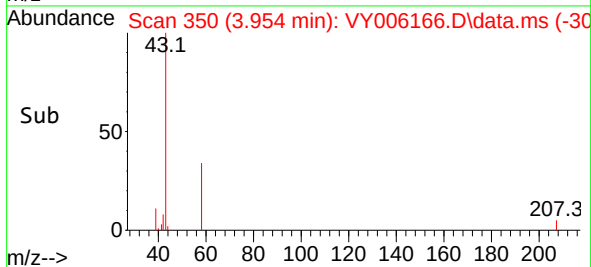
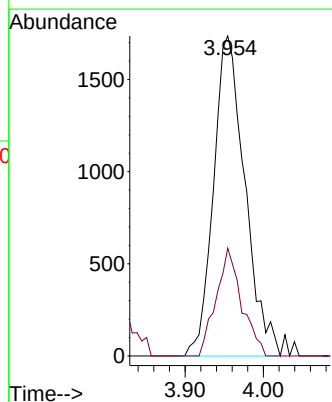
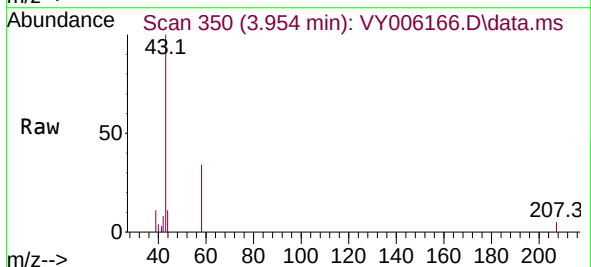
Instrument :
MSVOA_Y
ClientSampled :
TP-7

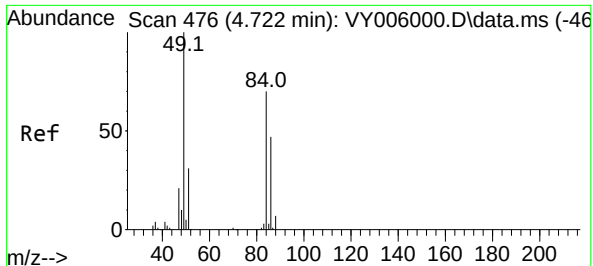
Tgt Ion:168 Resp: 115160
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#16
Acetone
Concen: 11.004 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006166.D
Acq: 27 Sep 2021 16:21

Tgt Ion: 43 Resp: 4828
Ion Ratio Lower Upper
43 100
58 33.7 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.729 min Scan# 477

Delta R.T. 0.007 min

Lab File: VY006166.D

Acq: 27 Sep 2021 16:21

Tgt Ion: 84 Resp: 3132

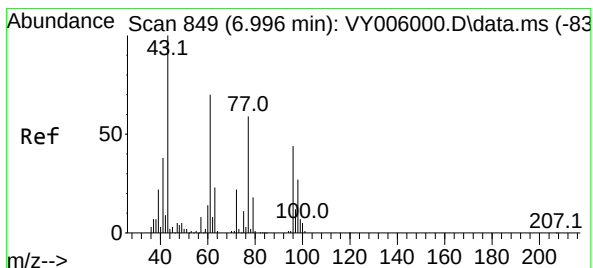
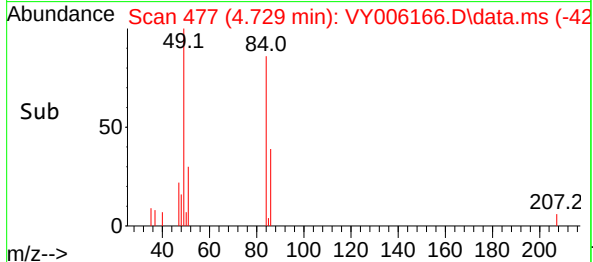
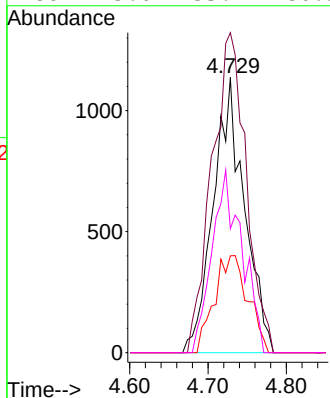
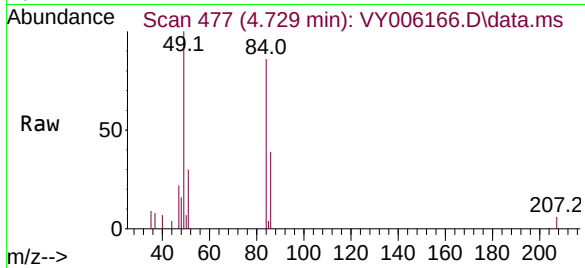
Ion Ratio Lower Upper

84 100

49 116.3 114.4 171.6

51 35.2 35.3 52.9#

86 45.0 53.7 80.5#



#25

2-Butanone

Concen: 1.070 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY006166.D

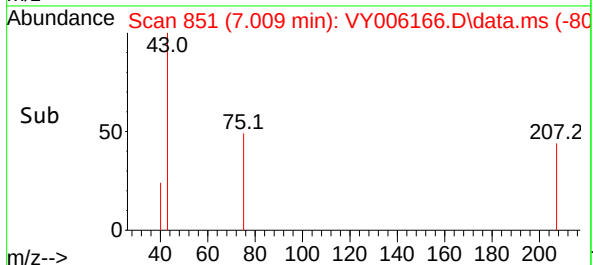
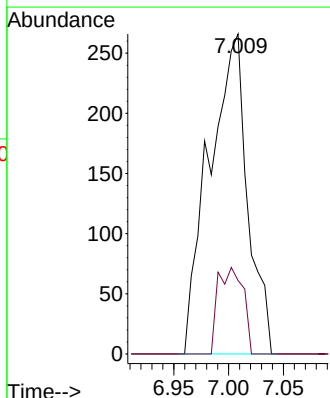
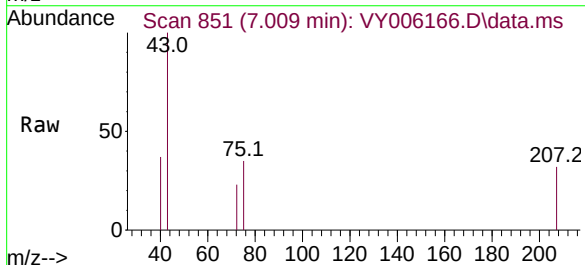
Acq: 27 Sep 2021 16:21

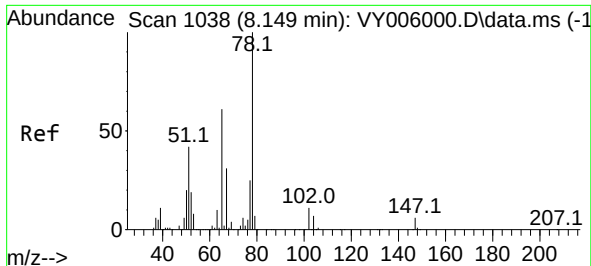
Tgt Ion: 43 Resp: 647

Ion Ratio Lower Upper

43 100

72 22.9 17.7 26.5

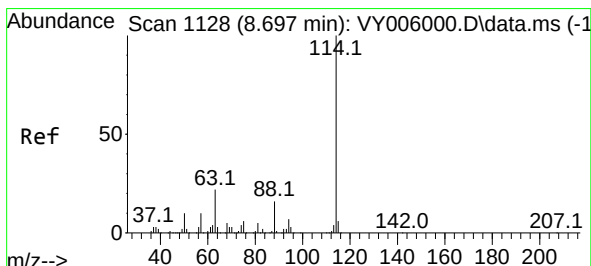
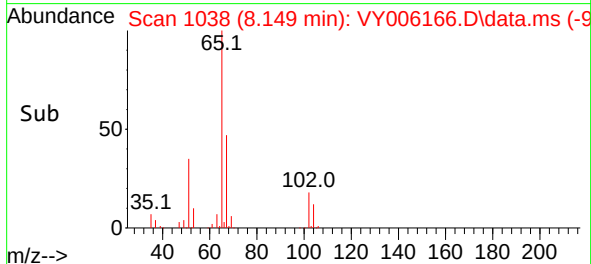
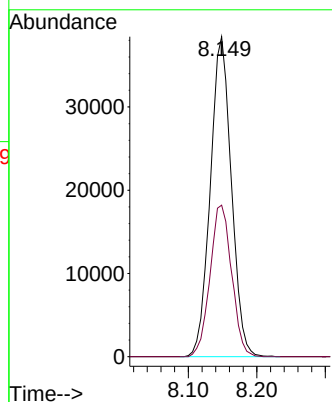
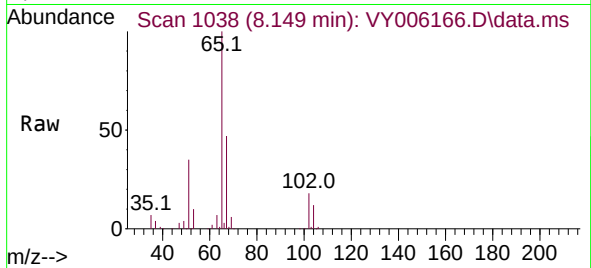




#33
 1,2-Dichloroethane-d4
 Concen: 51.185 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY006166.D
 Acq: 27 Sep 2021 16:21

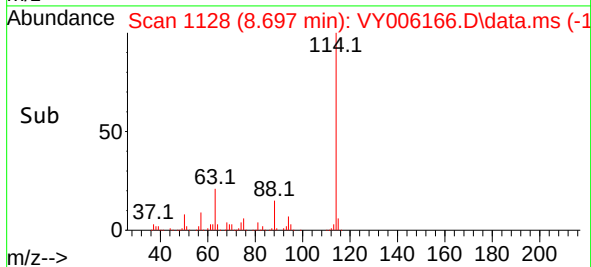
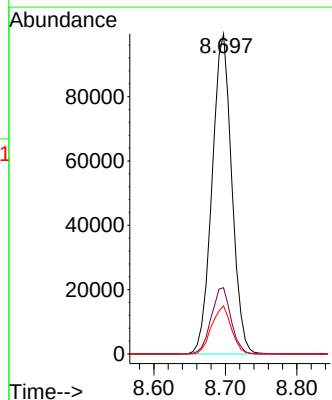
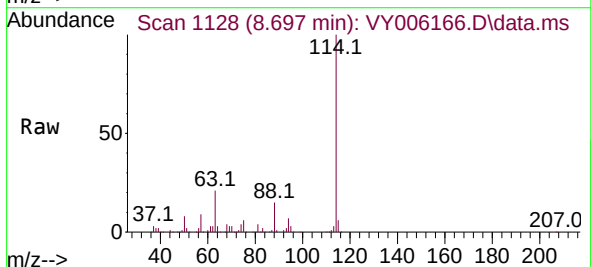
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-7

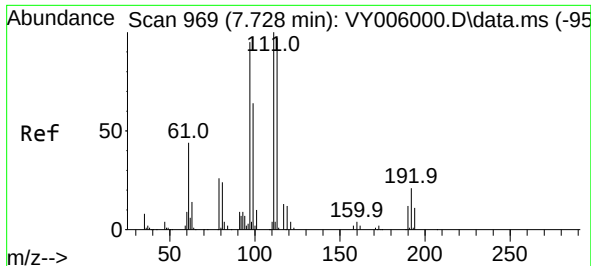
Tgt Ion: 65 Resp: 81878
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY006166.D
 Acq: 27 Sep 2021 16:21

Tgt Ion: 114 Resp: 189769
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 15.0 0.0 31.8

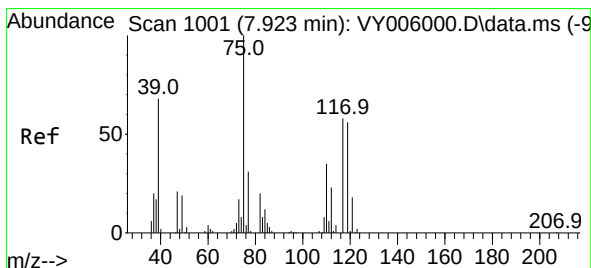
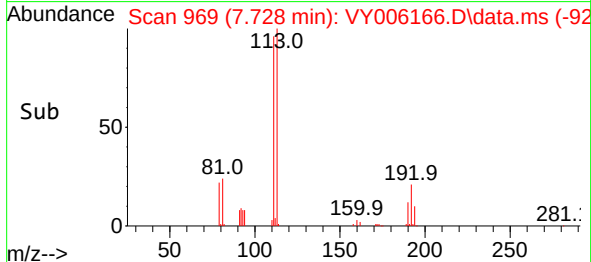
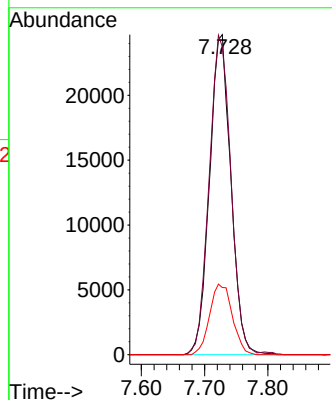
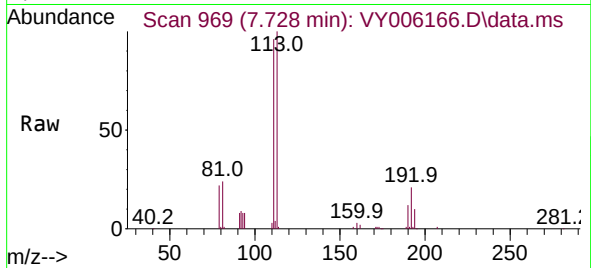




#35
Dibromofluoromethane
Concen: 49.115 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006166.D
Acq: 27 Sep 2021 16:21

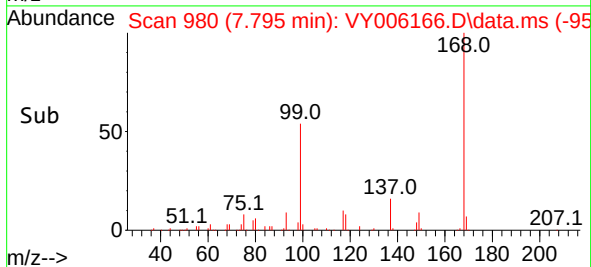
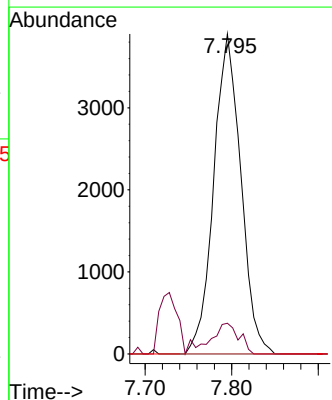
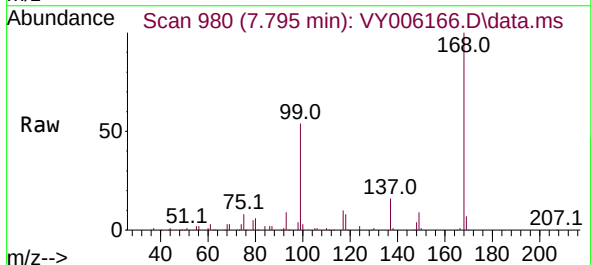
Instrument :
MSVOA_Y
ClientSampleId :
TP-7

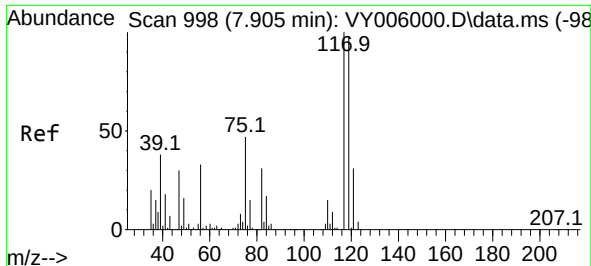
Tgt Ion:113 Resp: 57891
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 23.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.132 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006166.D
Acq: 27 Sep 2021 16:21

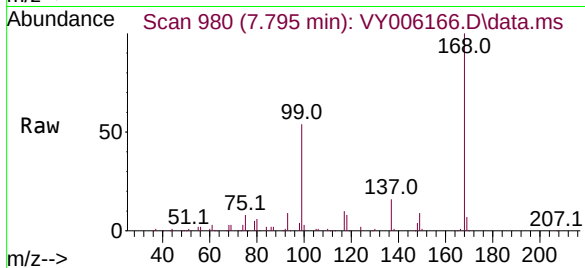
Tgt Ion: 75 Resp: 8463
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#



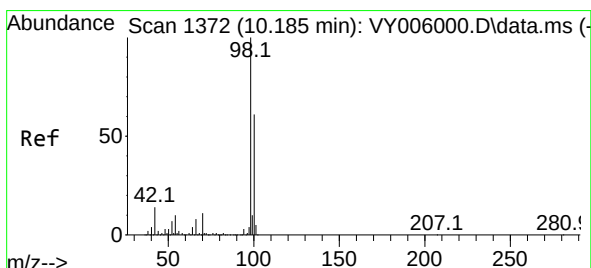
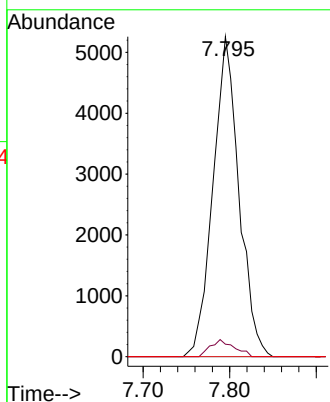
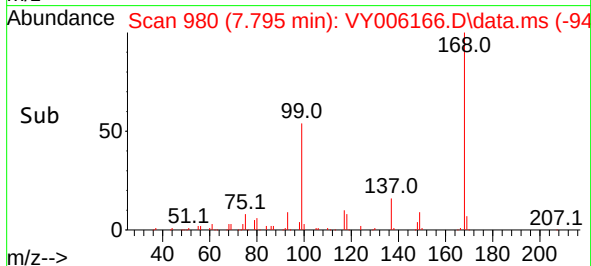


#38
Carbon Tetrachloride
Concen: 4.912 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006166.D
Acq: 27 Sep 2021 16:21

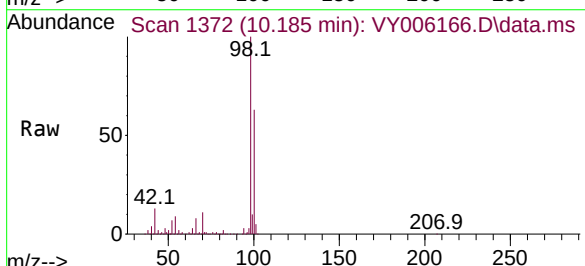
Instrument :
MSVOA_Y
ClientSampled :
TP-7



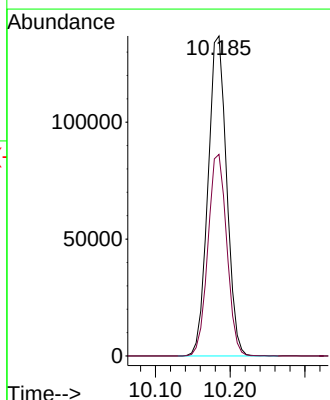
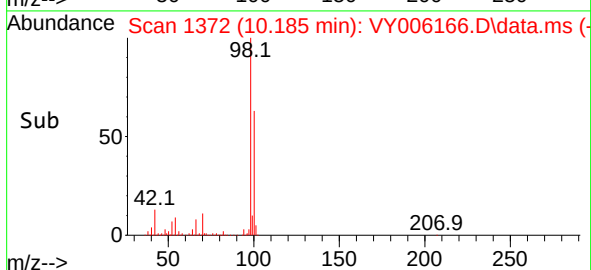
Tgt Ion:117 Resp: 10954
Ion Ratio Lower Upper
117 100
119 3.9 77.9 116.9#
121 0.0 24.8 37.2#

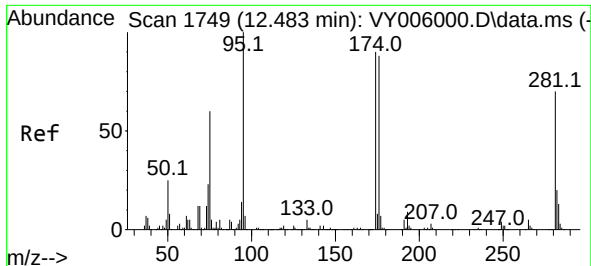


#50
Toluene-d8
Concen: 47.139 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006166.D
Acq: 27 Sep 2021 16:21



Tgt Ion: 98 Resp: 236806
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

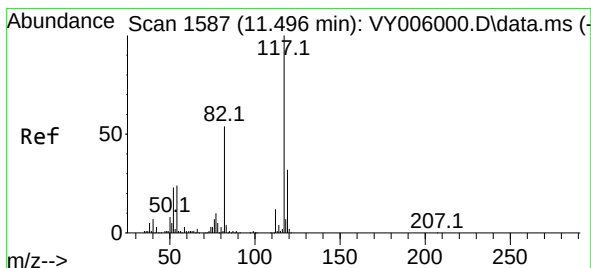
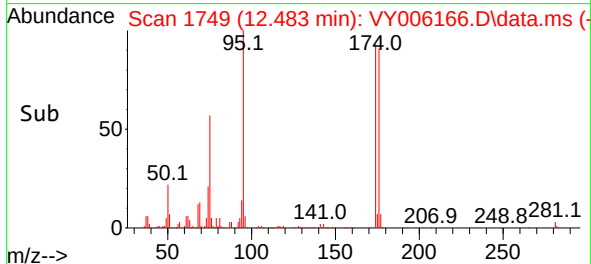
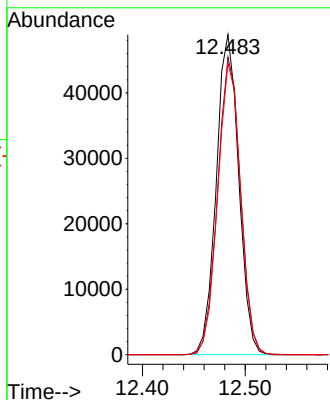
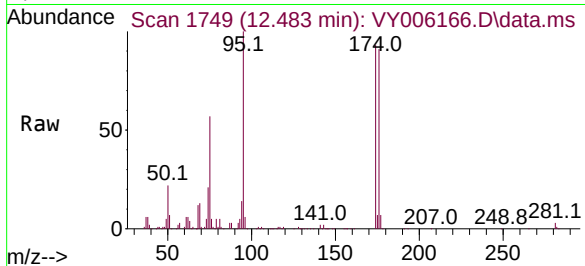




#62
4-Bromofluorobenzene
Concen: 43.504 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006166.D
Acq: 27 Sep 2021 16:21

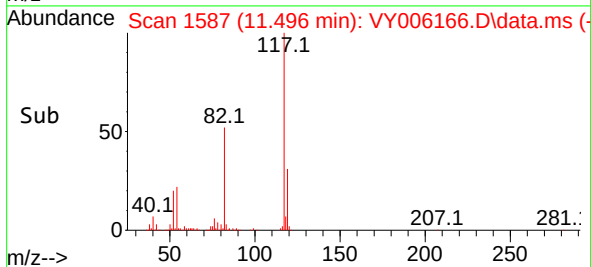
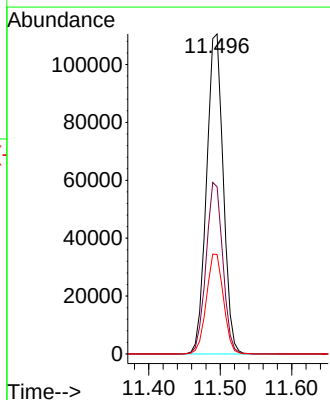
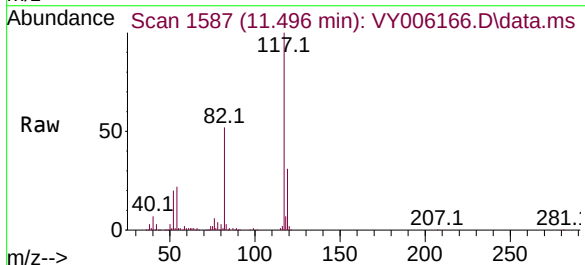
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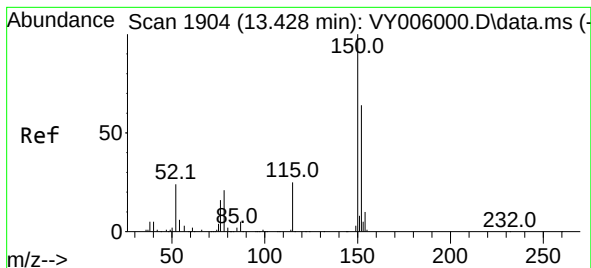
Tgt Ion: 95 Resp: 74201
Ion Ratio Lower Upper
95 100
174 94.8 0.0 177.0
176 92.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006166.D
Acq: 27 Sep 2021 16:21

Tgt Ion: 117 Resp: 178732
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.1 25.4 38.0

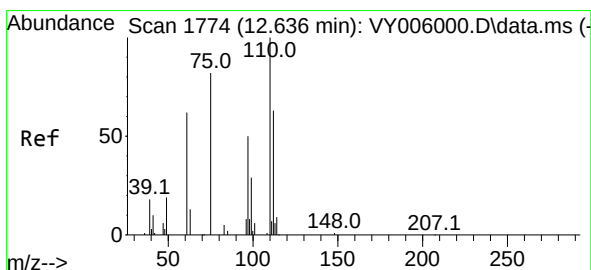
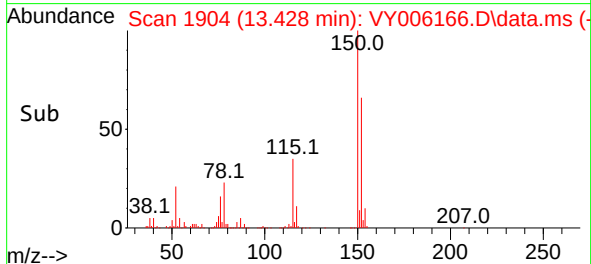
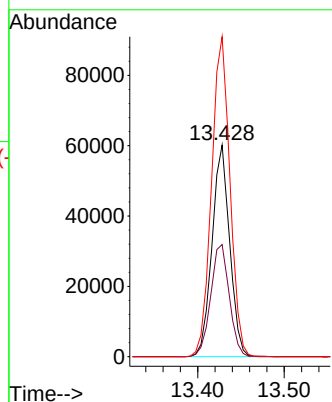
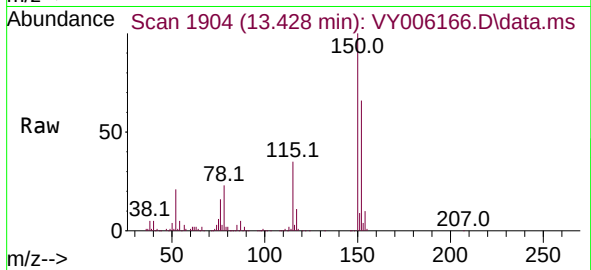




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006166.D
 Acq: 27 Sep 2021 16:21

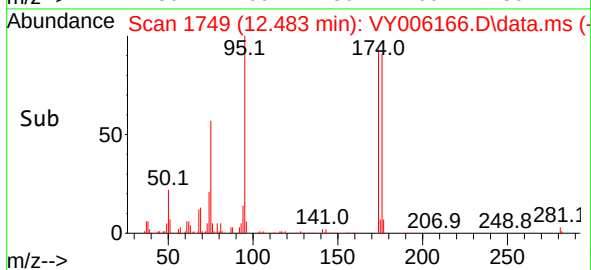
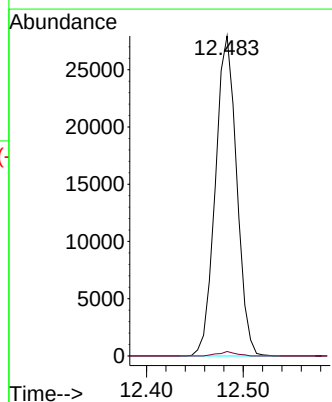
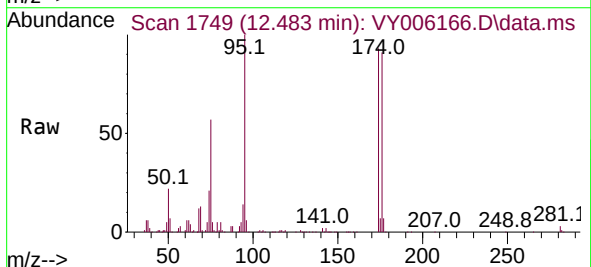
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-7

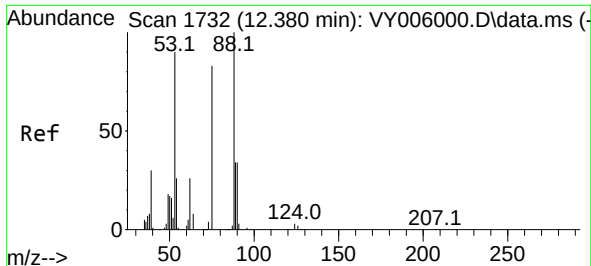
Tgt Ion:152 Resp: 85082
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.2 84.7
 150 157.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.119 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006166.D
 Acq: 27 Sep 2021 16:21

Tgt Ion: 75 Resp: 42743
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

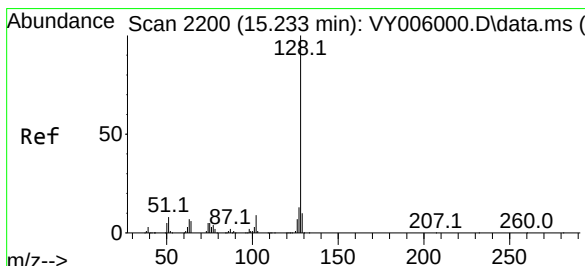
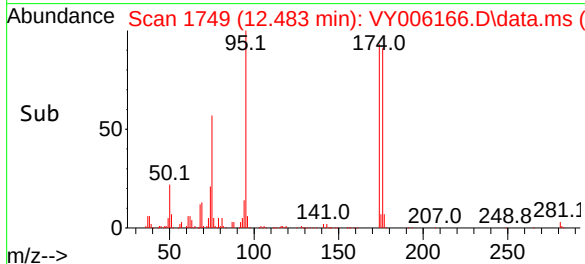
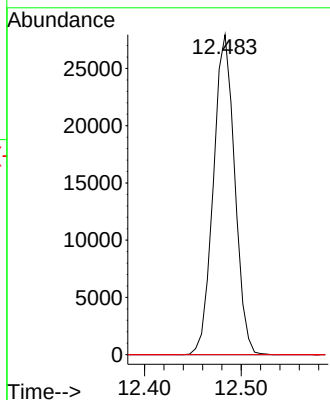
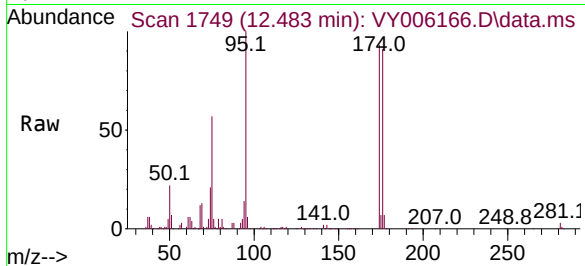




#81
trans-1,4-Dichloro-2-butene
Concen: 86.628 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006166.D
Acq: 27 Sep 2021 16:21

Instrument :
MSVOA_Y
ClientSampled :
TP-7

Tgt Ion: 75 Resp: 42743
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 1.556 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY006166.D
Acq: 27 Sep 2021 16:21

Tgt Ion:128 Resp: 5290
Ion Ratio Lower Upper
128 100
127 14.6 11.0 16.4
129 11.7 8.4 12.6

