

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018966.D
 Acq On : 09 Aug 2024 14:47
 Operator : SY/MD
 Sample : P3518-09
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-05-080724RE

Quant Time: Aug 09 23:27:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

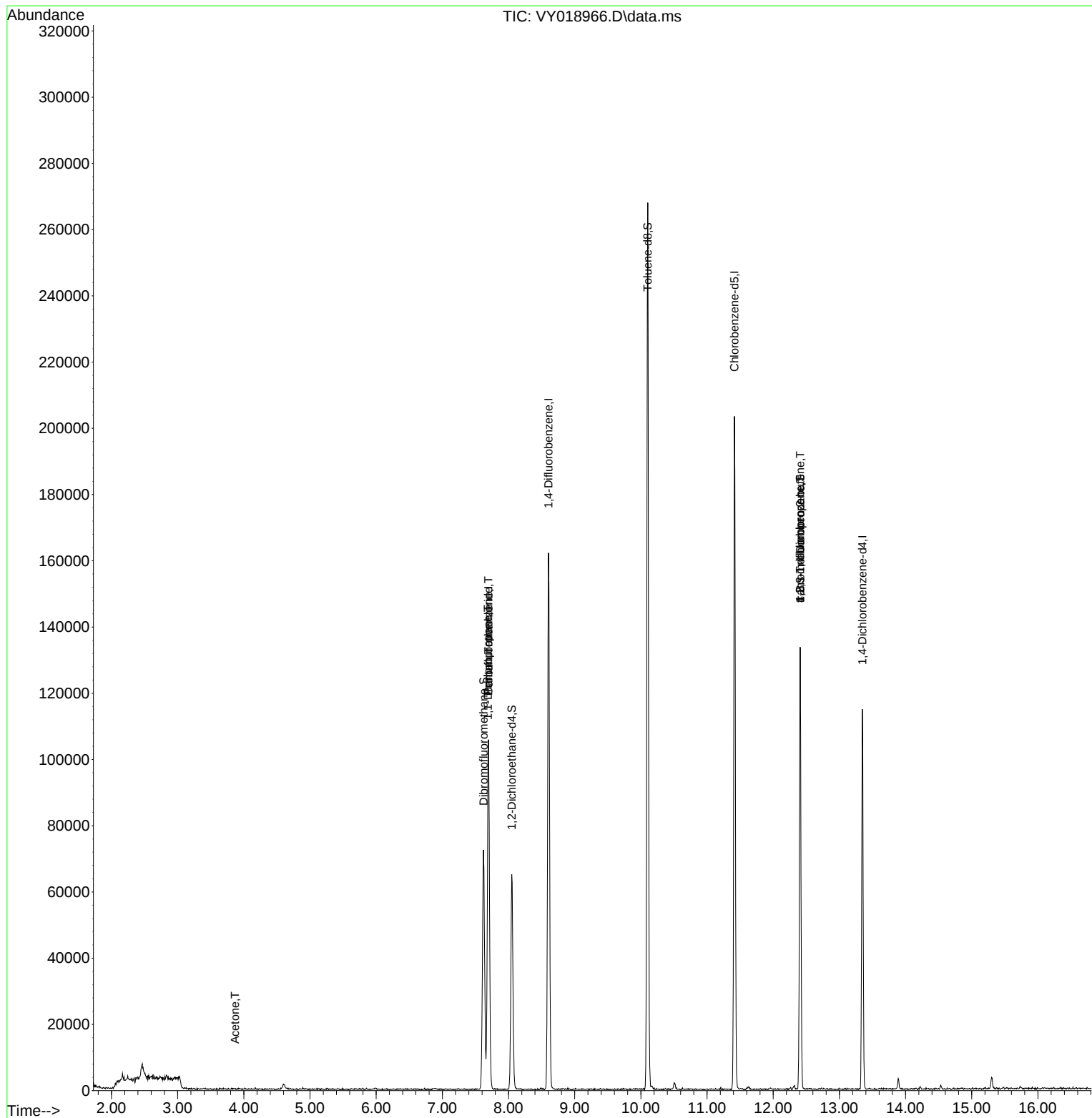
Internal Standards						
1) Pentafluorobenzene	7.695	168	86839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	138225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	99700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	26608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	40662	53.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.660%	
35) Dibromofluoromethane	7.622	113	45596	51.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.300%	
50) Toluene-d8	10.103	98	163260	48.145	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.300%	
62) 4-Bromofluorobenzene	12.408	95	32712	32.516	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 65.040%	
Target Compounds						Qvalue
3) Chloromethane	2.056	50	128	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	54	Below Cal	#	88
13) Acrolein	3.775	56	20	Below Cal	#	15
16) Acetone	3.866	43	452	14.703	ug/l #	36
20) Methylene Chloride	4.598	84	842	Below Cal	#	62
31) Cyclohexane	7.695	56	2218	Below Cal	#	56
36) 1,1-Dichloropropene	7.689	75	6126	5.169	ug/l #	51
38) Carbon Tetrachloride	7.695	117	7774	5.721	ug/l #	16
41) Methacrylonitrile	7.091	41	21	Below Cal	#	15
76) 1,2,3-Trichloropropane	12.408	75	19095	96.330	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	19095	198.496	ug/l #	16

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

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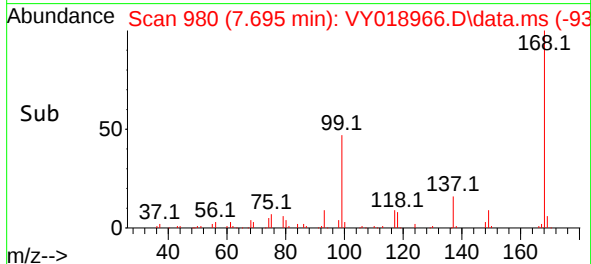
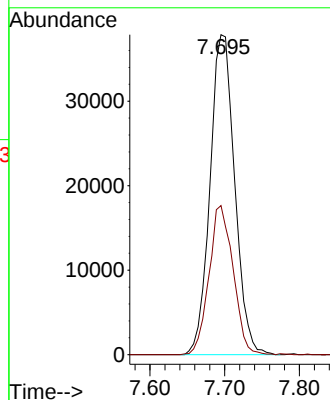
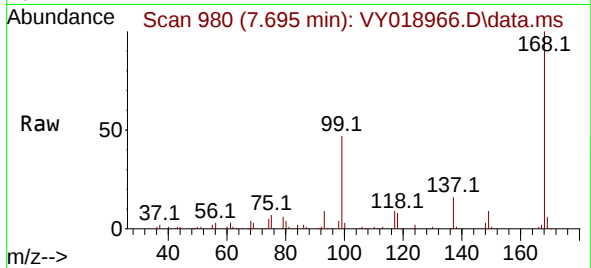




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018966.D
Acq: 09 Aug 2024 14:47

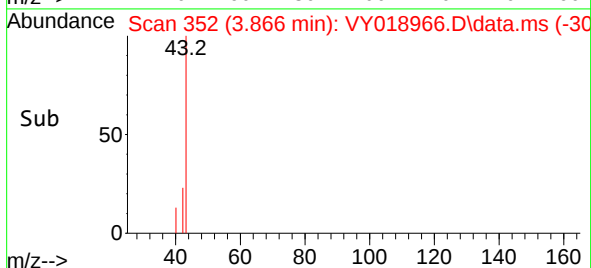
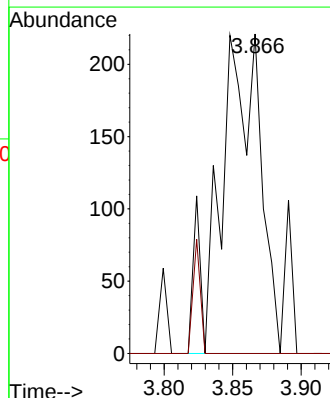
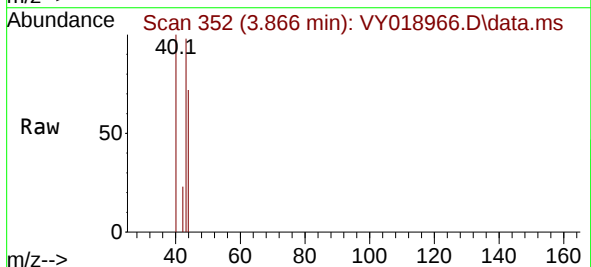
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-05-080724RE

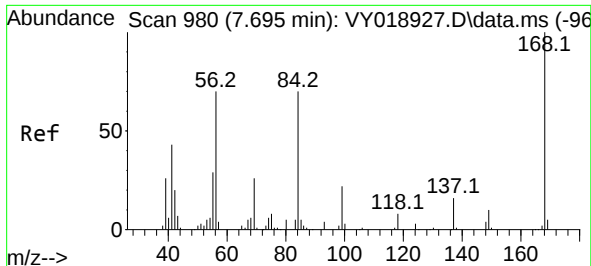
Tgt Ion:168 Resp: 86839
Ion Ratio Lower Upper
168 100
99 46.6 39.1 58.7



#16
Acetone
Concen: 14.703 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY018966.D
Acq: 09 Aug 2024 14:47

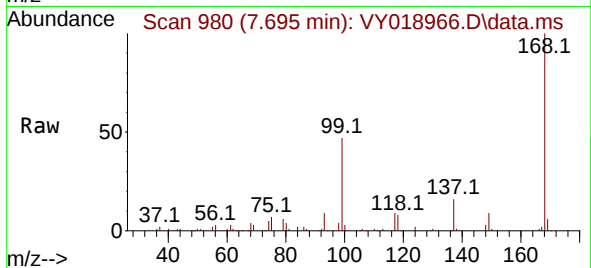
Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



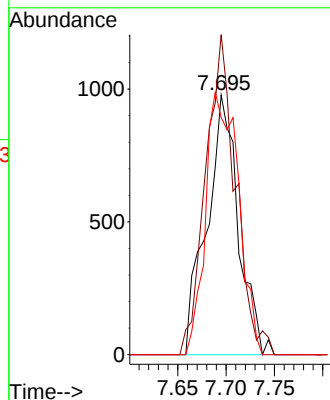
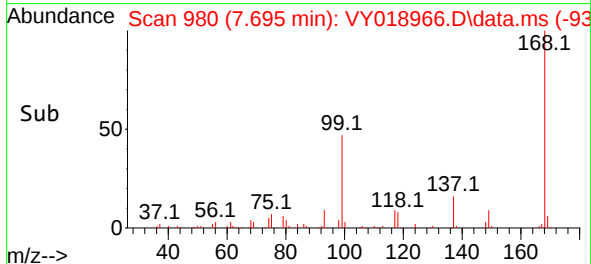


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018966.D
Acq: 09 Aug 2024 14:47

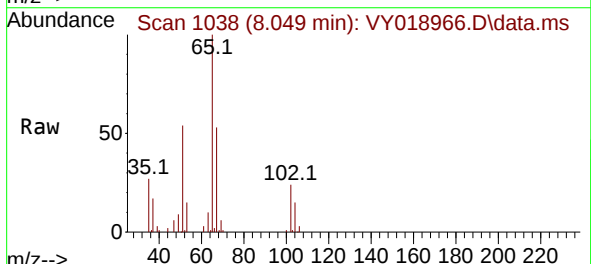
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-05-080724RE



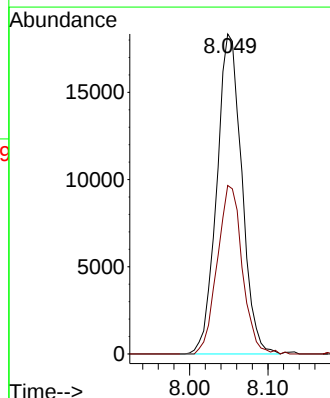
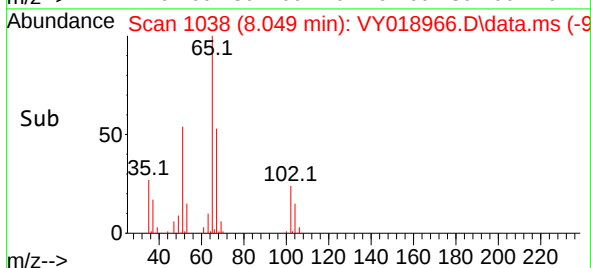
Tgt Ion: 56 Resp: 2218
Ion Ratio Lower Upper
56 100
69 123.2 28.7 43.1#
84 91.3 77.7 116.5

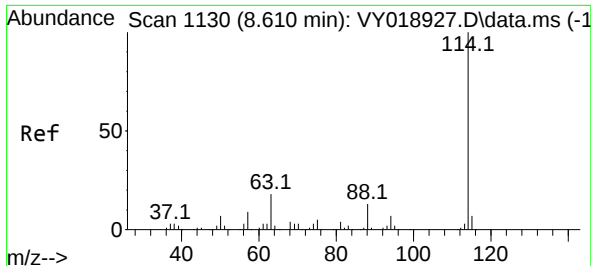


#33
1,2-Dichloroethane-d4
Concen: 53.331 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018966.D
Acq: 09 Aug 2024 14:47



Tgt Ion: 65 Resp: 40662
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY018966.D

Acq: 09 Aug 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-05-080724RE

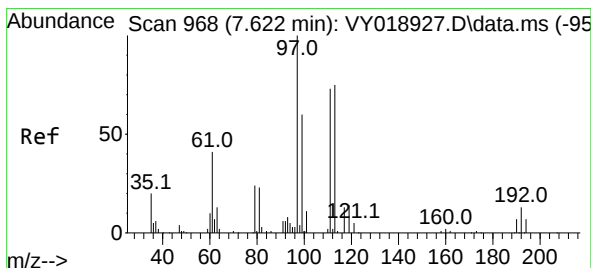
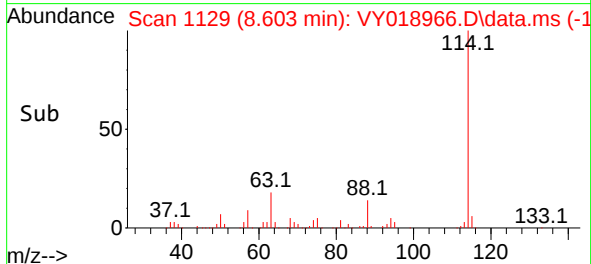
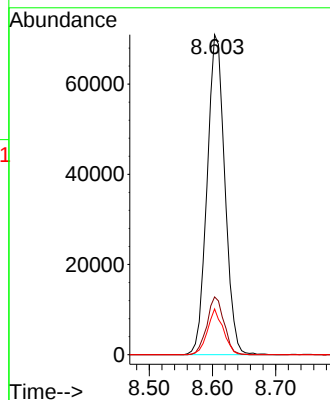
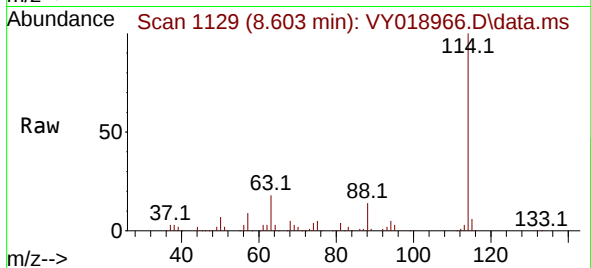
Tgt Ion:114 Resp: 138225

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.648 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018966.D

Acq: 09 Aug 2024 14:47

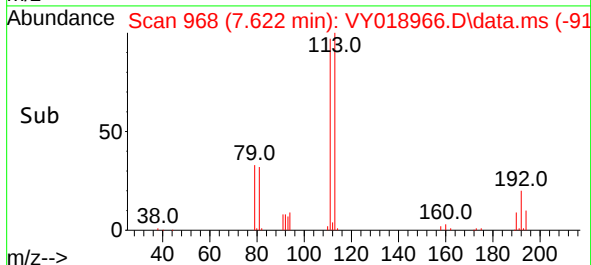
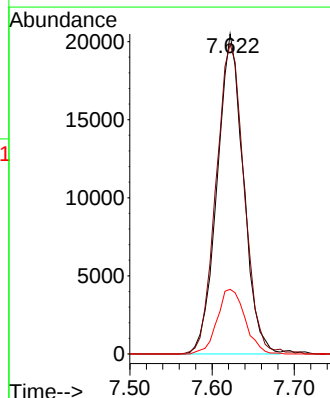
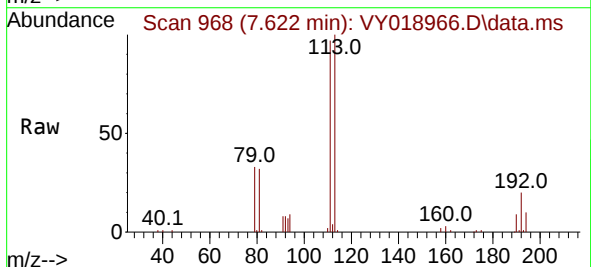
Tgt Ion:113 Resp: 45596

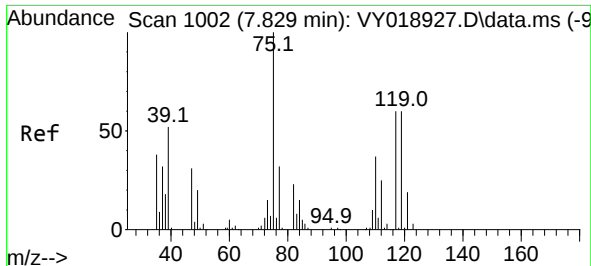
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 21.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.169 ug/l

RT: 7.689 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY018966.D

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ClientSampleId :

OU4-TS-05-080724RE

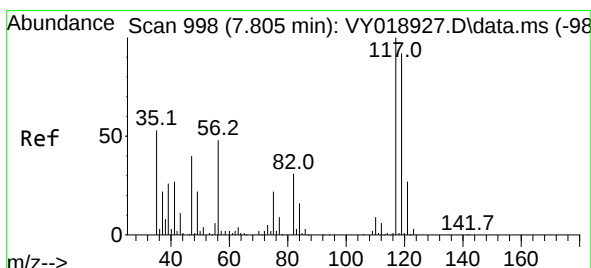
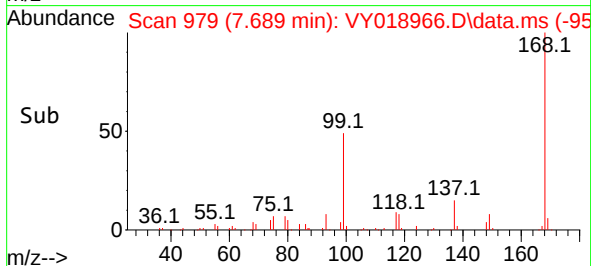
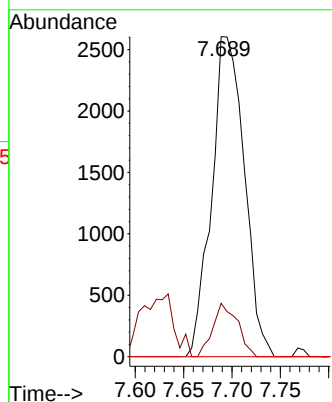
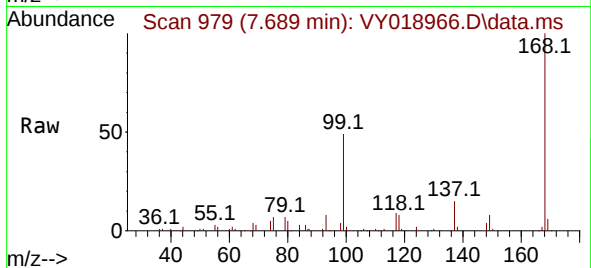
Tgt Ion: 75 Resp: 6126

Ion Ratio Lower Upper

75 100

110 12.6 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.721 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY018966.D

Acq: 09 Aug 2024 14:47

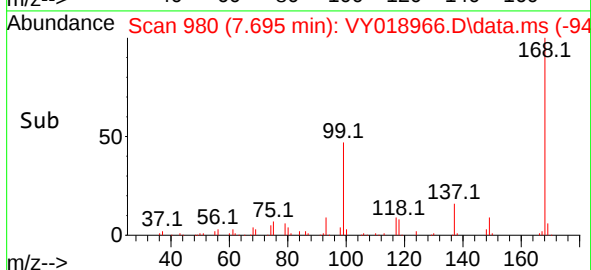
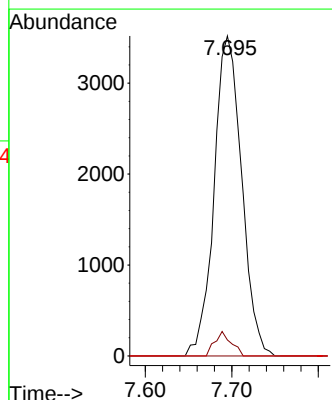
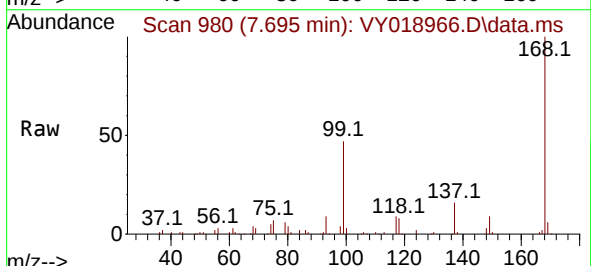
Tgt Ion: 117 Resp: 7774

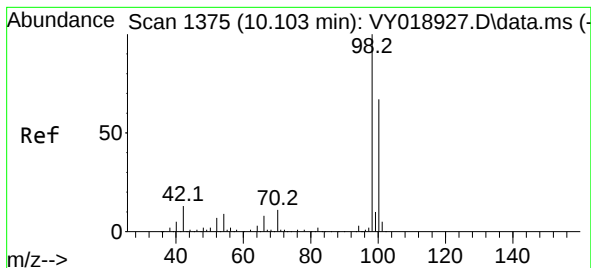
Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 48.145 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY018966.D

Acq: 09 Aug 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

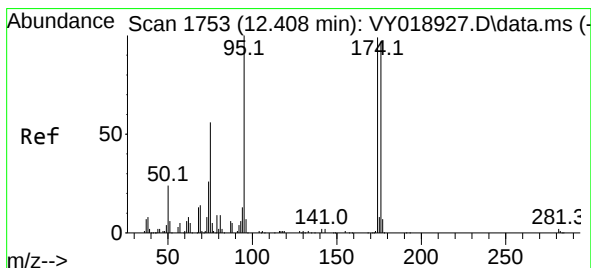
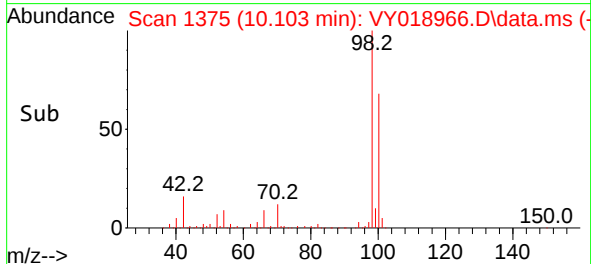
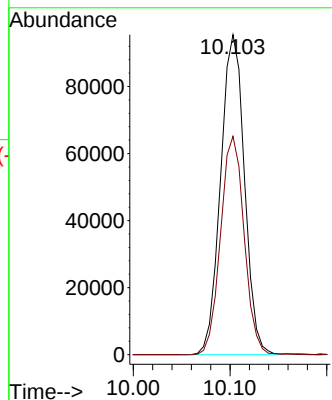
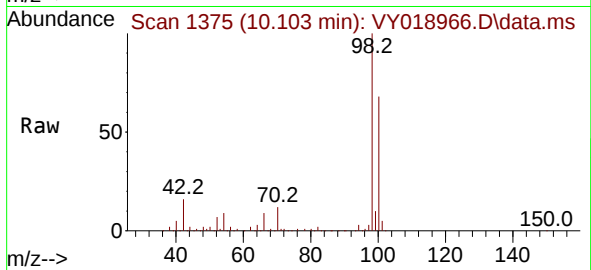
OU4-TS-05-080724RE

Tgt Ion: 98 Resp: 163260

Ion Ratio Lower Upper

98 100

100 67.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 32.516 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY018966.D

Acq: 09 Aug 2024 14:47

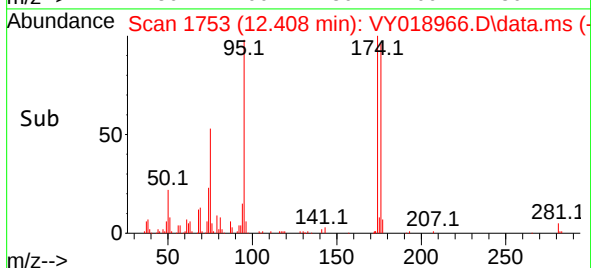
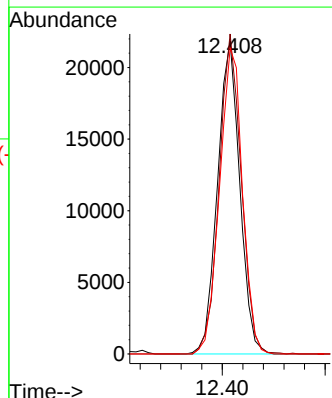
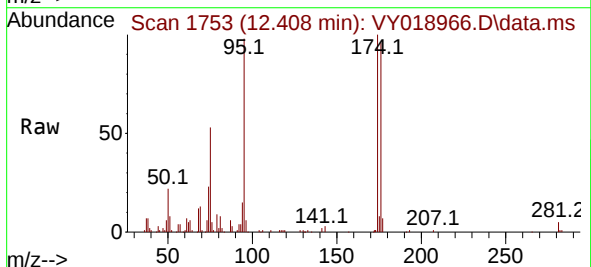
Tgt Ion: 95 Resp: 32712

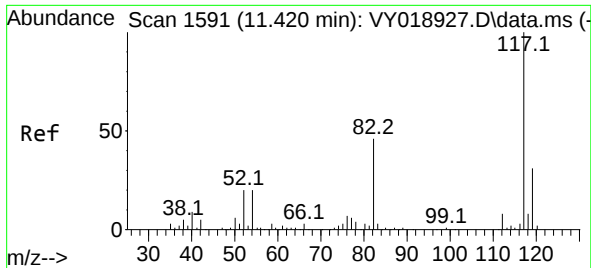
Ion Ratio Lower Upper

95 100

174 101.8 0.0 175.6

176 101.0 0.0 171.4

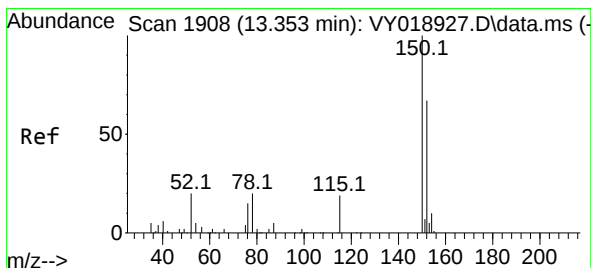
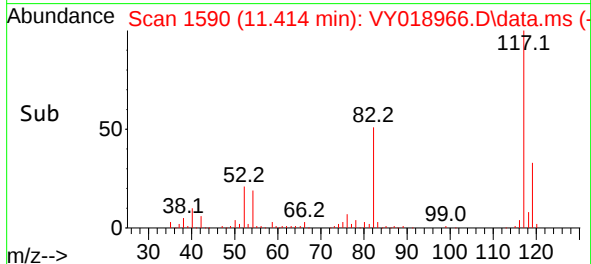
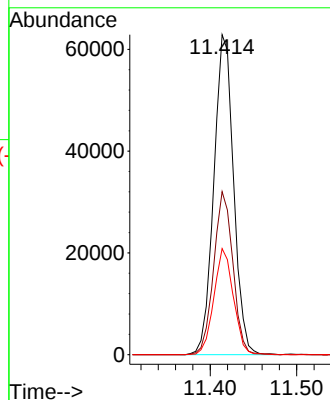
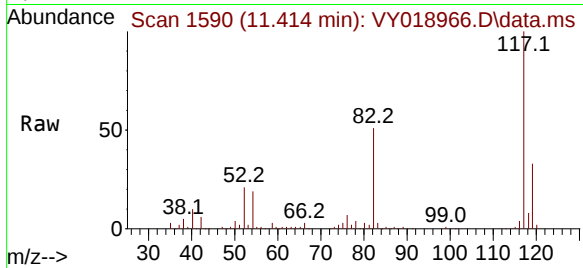




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018966.D
Acq: 09 Aug 2024 14:47

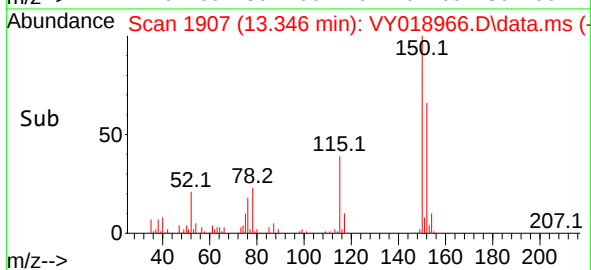
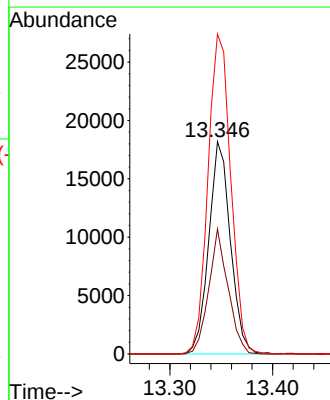
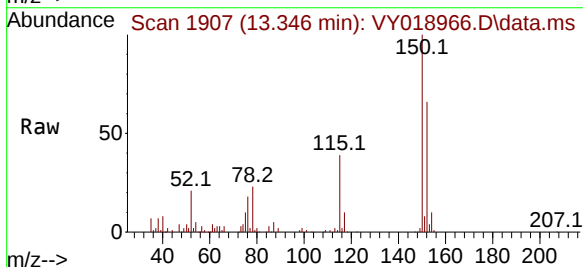
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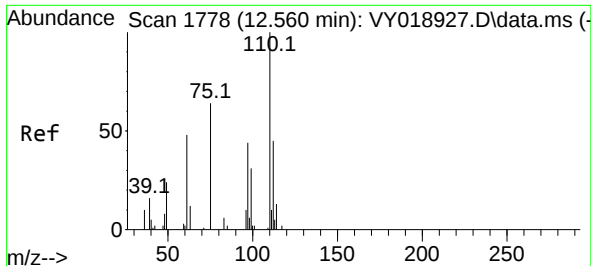
Tgt Ion:117 Resp: 99700
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 33.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY018966.D
Acq: 09 Aug 2024 14:47

Tgt Ion:152 Resp: 26608
Ion Ratio Lower Upper
152 100
115 52.7 28.2 84.7
150 158.6 0.0 345.6

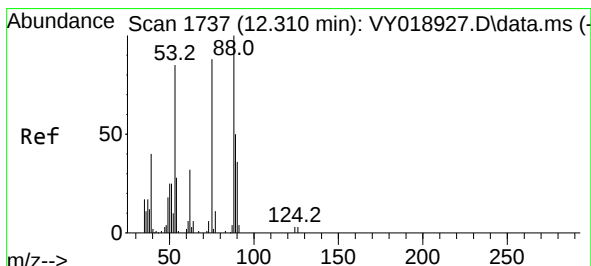
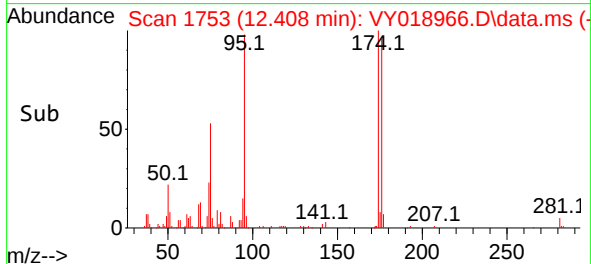
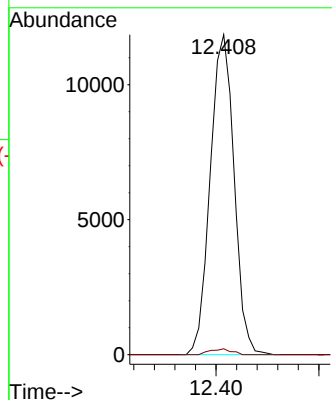
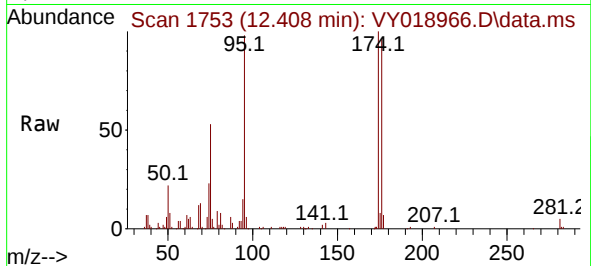




#76
1,2,3-Trichloropropane
Concen: 96.330 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY018966.D
Acq: 09 Aug 2024 14:47

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-05-080724RE

Tgt Ion: 75 Resp: 19095
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 198.496 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY018966.D
Acq: 09 Aug 2024 14:47

Tgt Ion: 75 Resp: 19095
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

