

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018946.D
 Acq On : 08 Aug 2024 23:16
 Operator : SY/MD
 Sample : P3518-01
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-01-080724

Quant Time: Aug 09 05:13:38 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)

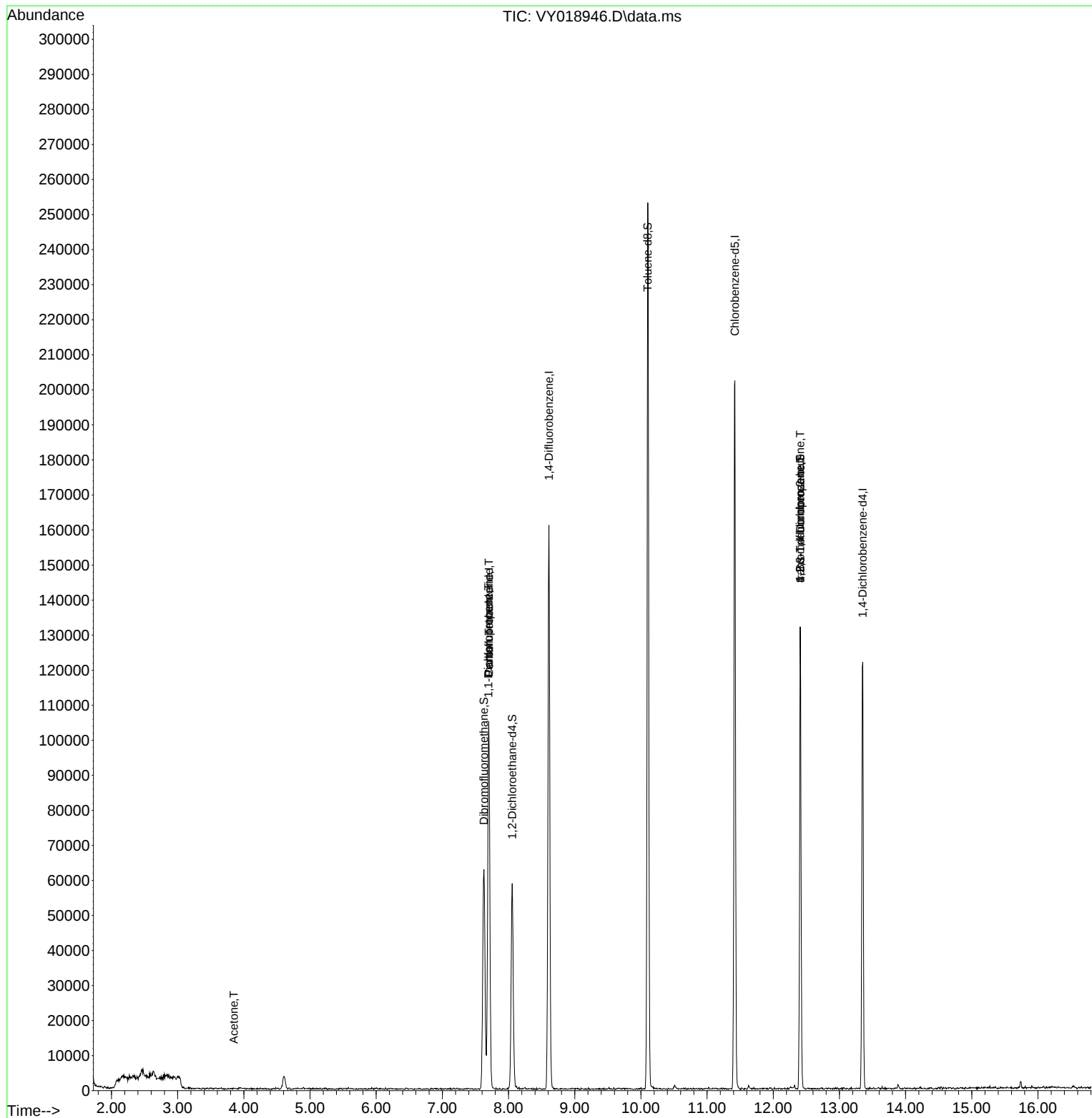
Internal Standards						
1) Pentafluorobenzene	7.701	168	84989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	136844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	103251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	29892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	37253	49.924	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.840%
35) Dibromofluoromethane	7.628	113	42346	48.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.900%
50) Toluene-d8	10.103	98	155968	46.459	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.920%
62) 4-Bromofluorobenzene	12.408	95	31139	31.265	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.520%
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	74	Below Cal	#	25
11) Tert butyl alcohol	4.848	59	37	Below Cal	#	88
13) Acrolein	3.769	56	59	Below Cal	#	15
16) Acetone	3.848	43	477	14.874	ug/l #	82
20) Methylene Chloride	4.604	84	2349	Below Cal	#	79
31) Cyclohexane	7.695	56	2271	Below Cal	#	53
36) 1,1-Dichloropropene	7.695	75	6056	5.162	ug/l #	52
38) Carbon Tetrachloride	7.701	117	7923	5.890	ug/l #	18
41) Methacrylonitrile	7.226	41	24	Below Cal	#	15
76) 1,2,3-Trichloropropane	12.408	75	18738	84.144	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	18738	173.386	ug/l #	16

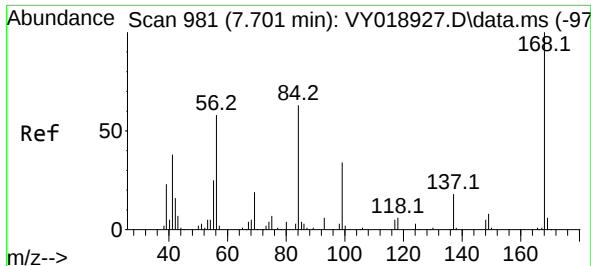
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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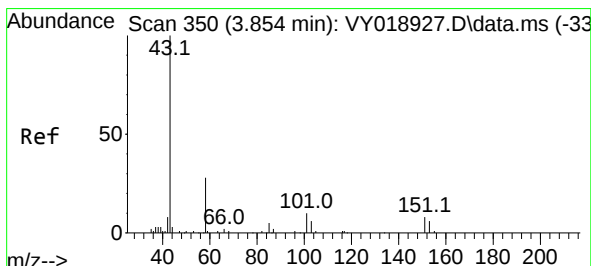
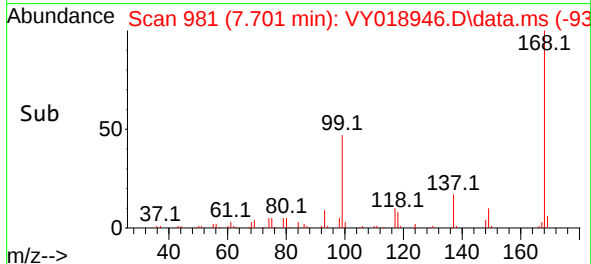
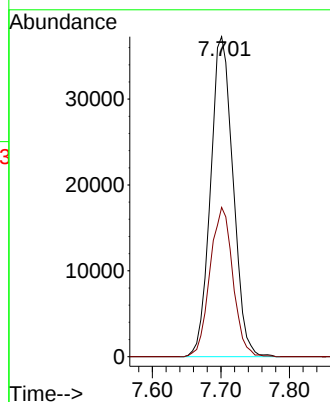
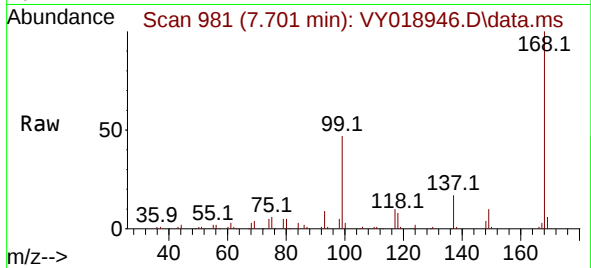




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018946.D
Acq: 08 Aug 2024 23:16

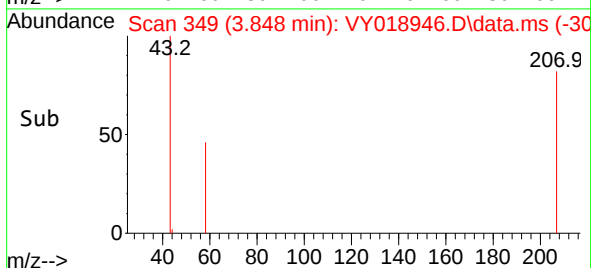
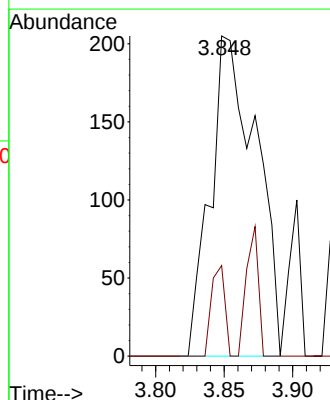
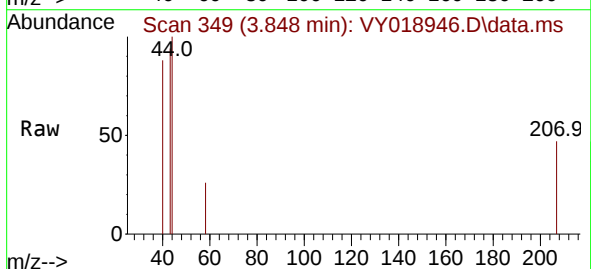
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-01-080724

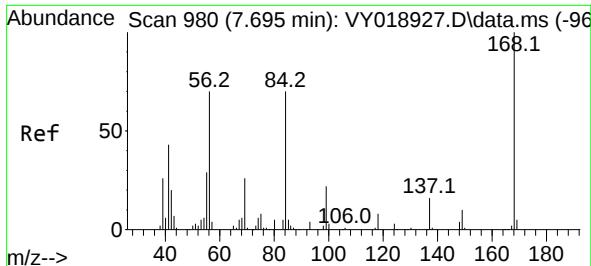
Tgt Ion:168 Resp: 84989
Ion Ratio Lower Upper
168 100
99 46.6 39.1 58.7



#16
Acetone
Concen: 14.874 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY018946.D
Acq: 08 Aug 2024 23:16

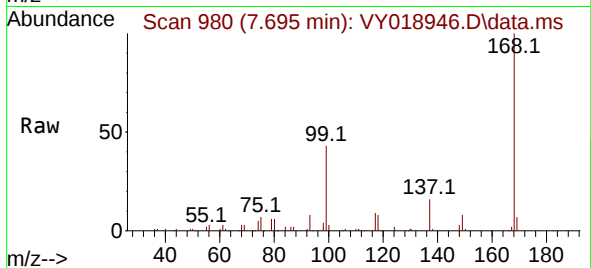
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 28.3 31.7 47.5#



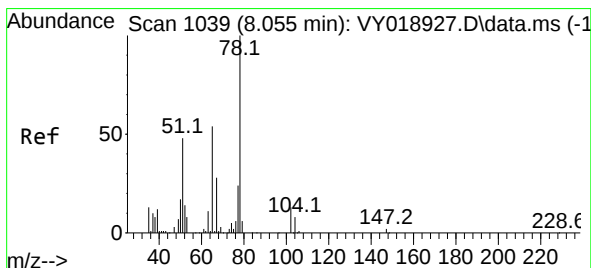
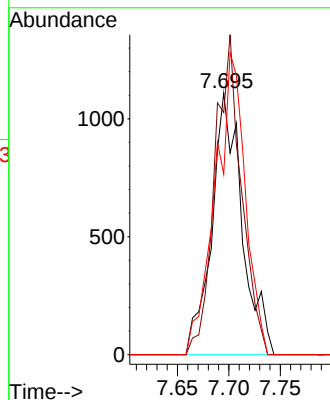
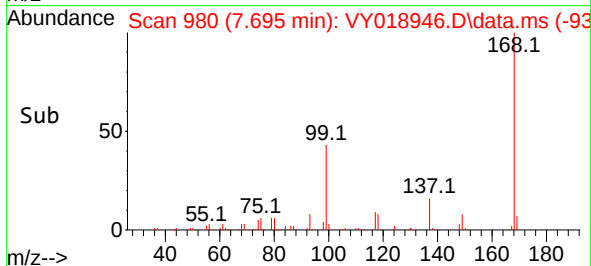


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018946.D
Acq: 08 Aug 2024 23:16

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-01-080724

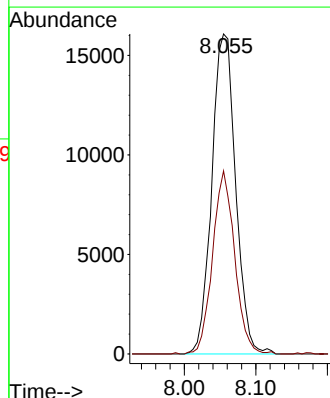
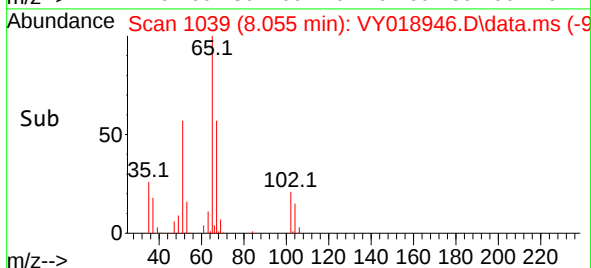
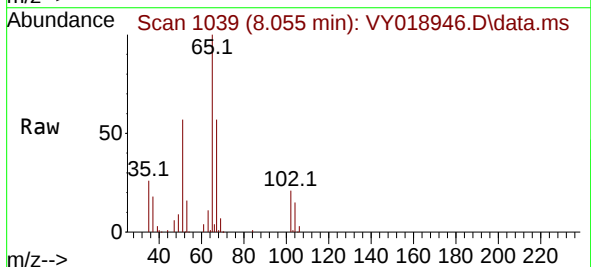


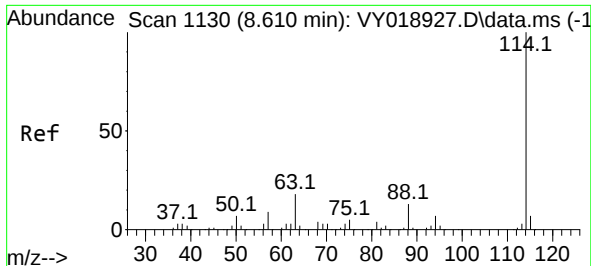
Tgt Ion: 56 Resp: 2271
Ion Ratio Lower Upper
56 100
69 92.6 28.7 43.1#
84 69.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.924 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018946.D
Acq: 08 Aug 2024 23:16

Tgt Ion: 65 Resp: 37253
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY018946.D

Acq: 08 Aug 2024 23:16

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-01-080724

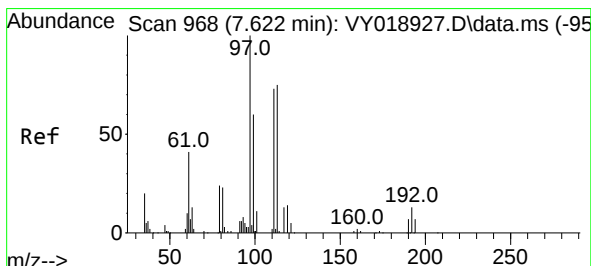
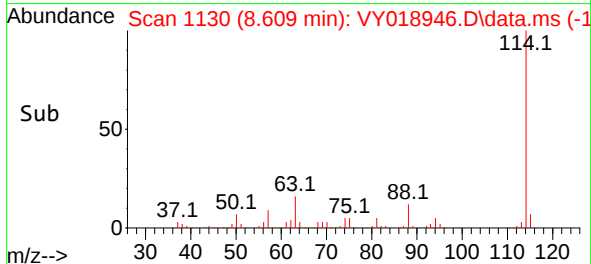
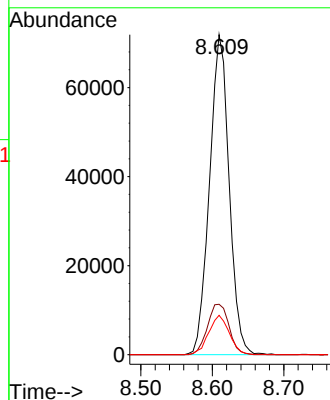
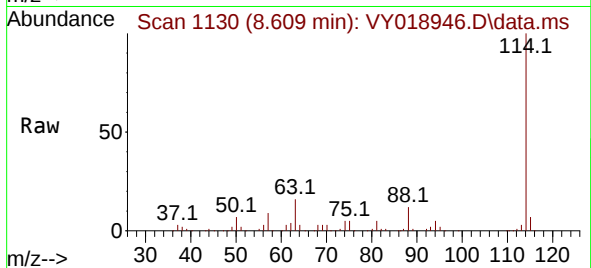
Tgt Ion:114 Resp: 136844

Ion Ratio Lower Upper

114 100

63 15.8 0.0 35.0

88 12.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.451 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY018946.D

Acq: 08 Aug 2024 23:16

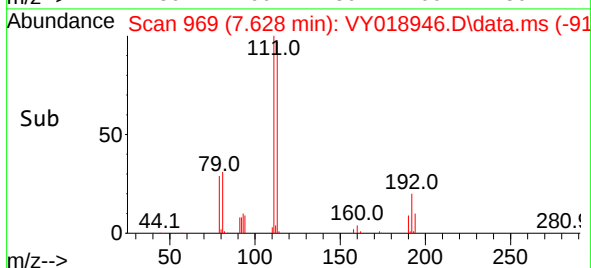
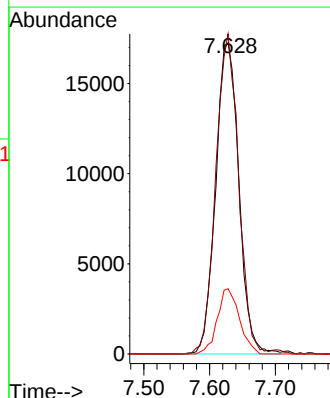
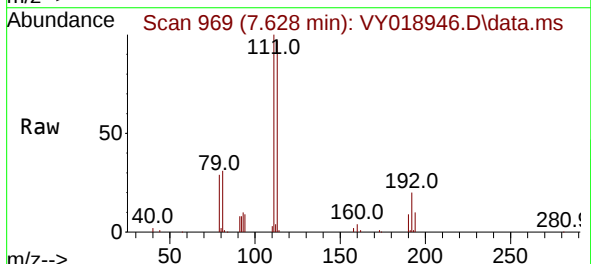
Tgt Ion:113 Resp: 42346

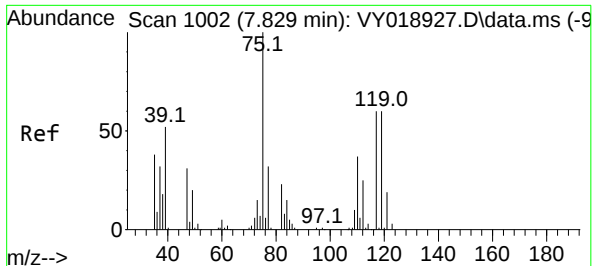
Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.4

192 20.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.162 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018946.D

Acq: 08 Aug 2024 23:16

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OU4-TS-01-080724

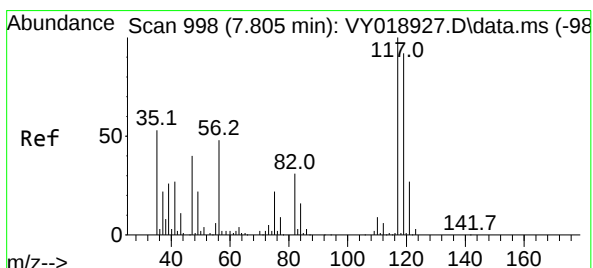
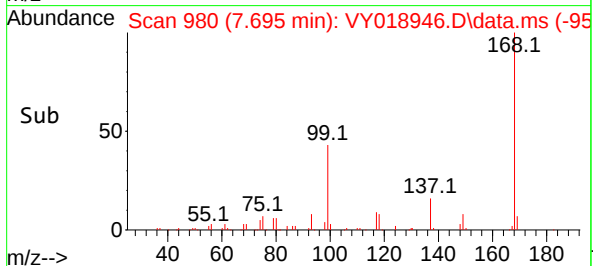
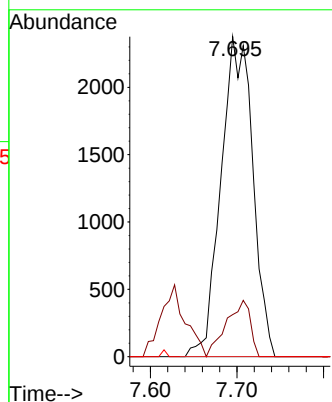
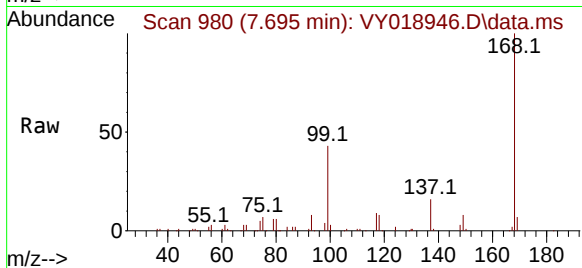
Tgt Ion: 75 Resp: 6056

Ion Ratio Lower Upper

75 100

110 13.3 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.890 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY018946.D

Acq: 08 Aug 2024 23:16

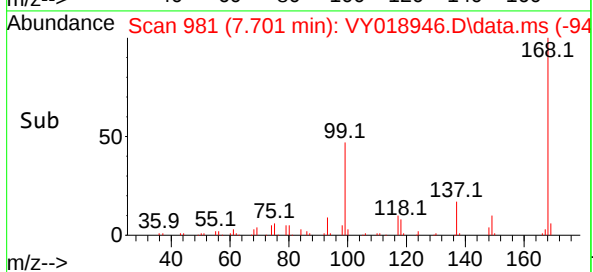
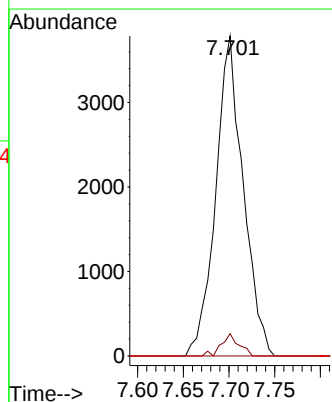
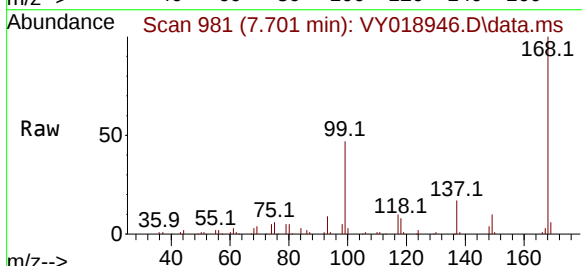
Tgt Ion: 117 Resp: 7923

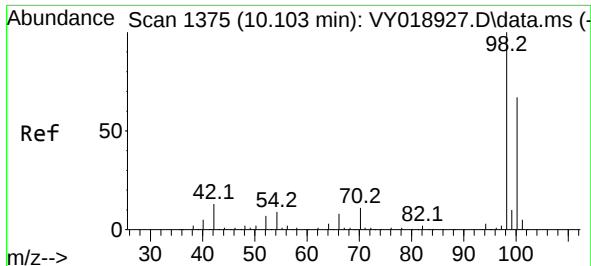
Ion Ratio Lower Upper

117 100

119 6.9 75.8 113.6#

121 0.0 24.0 36.0#

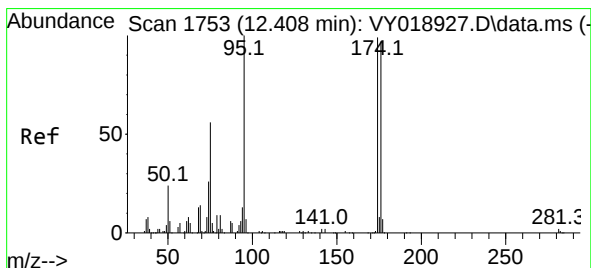
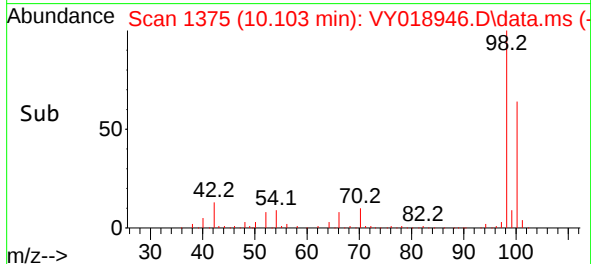
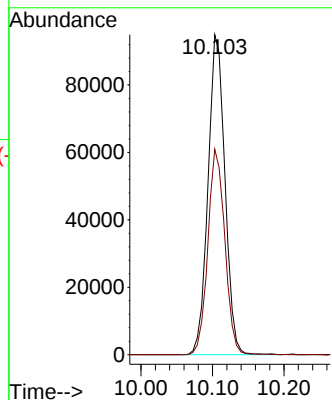
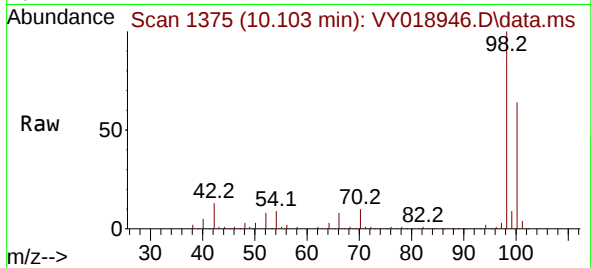




#50
Toluene-d8
Concen: 46.459 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018946.D
Acq: 08 Aug 2024 23:16

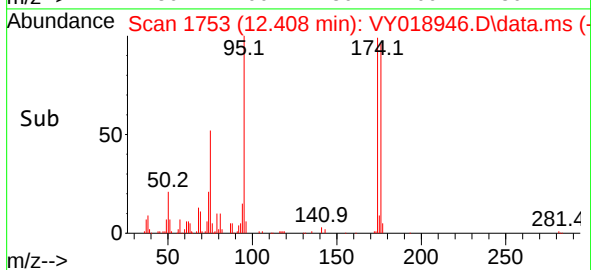
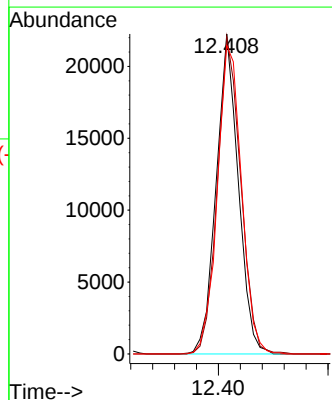
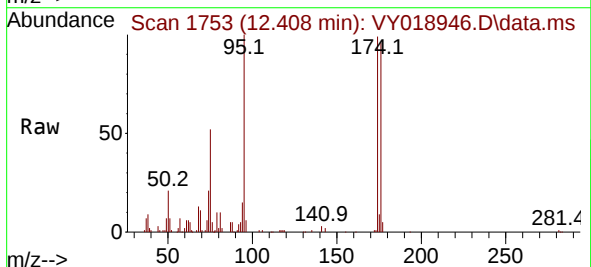
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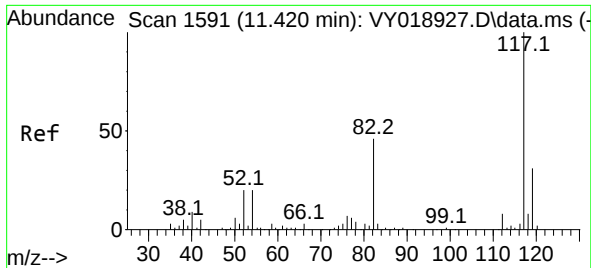
Tgt Ion: 98 Resp: 155968
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 31.265 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018946.D
Acq: 08 Aug 2024 23:16

Tgt Ion: 95 Resp: 31139
Ion Ratio Lower Upper
95 100
174 104.9 0.0 175.6
176 105.4 0.0 171.4

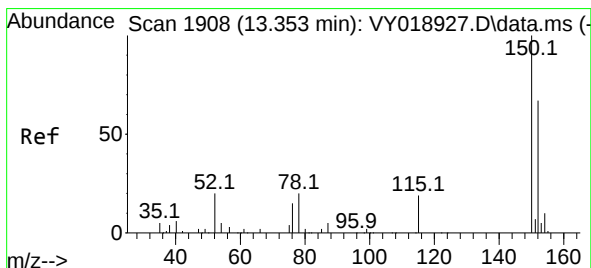
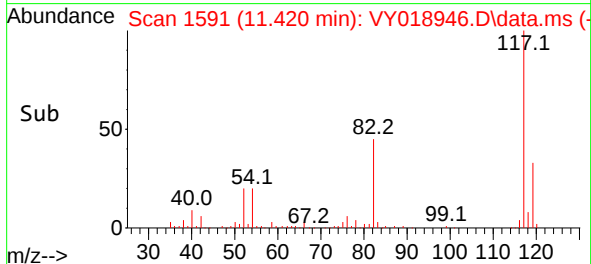
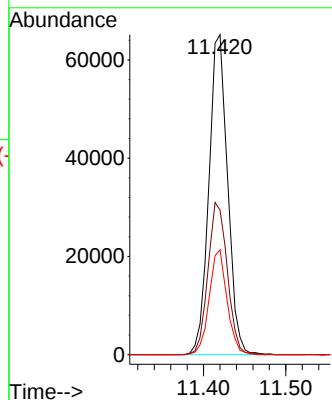
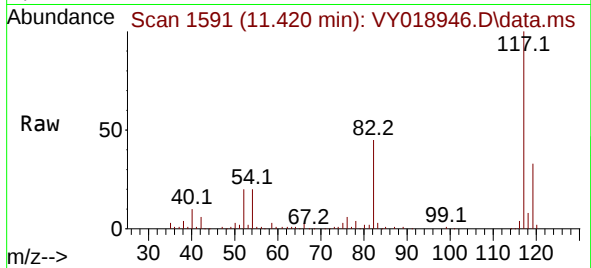




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018946.D
Acq: 08 Aug 2024 23:16

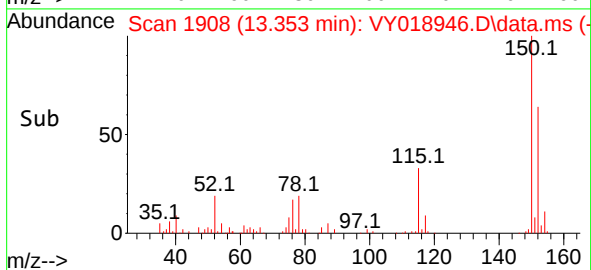
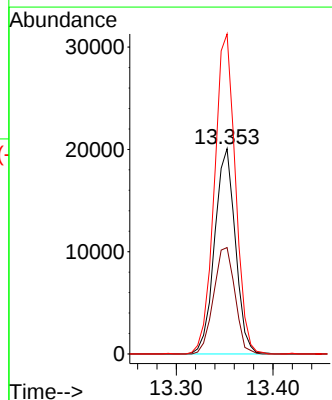
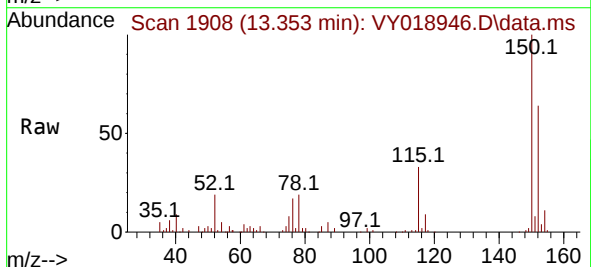
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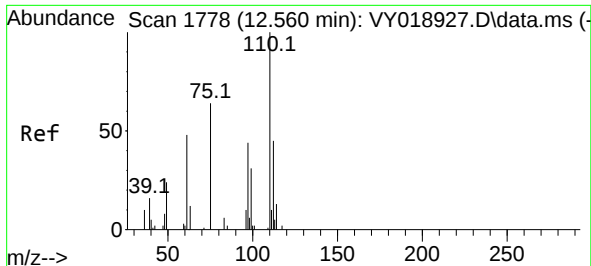
Tgt Ion:117 Resp: 103251
Ion Ratio Lower Upper
117 100
82 45.2 42.4 63.6
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY018946.D
Acq: 08 Aug 2024 23:16

Tgt Ion:152 Resp: 29892
Ion Ratio Lower Upper
152 100
115 53.3 28.2 84.7
150 157.6 0.0 345.6

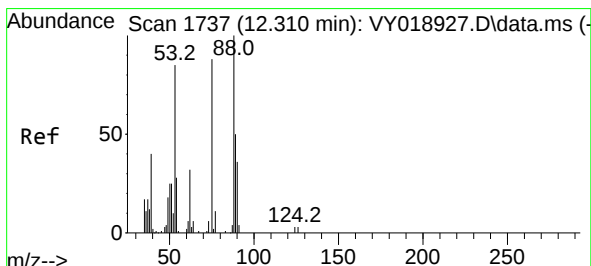
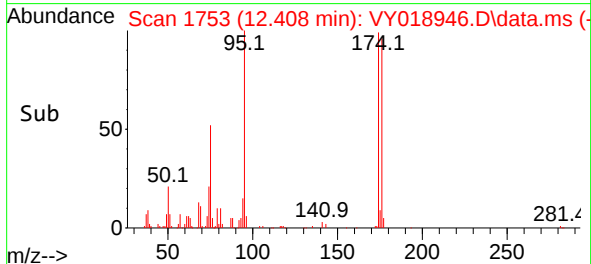
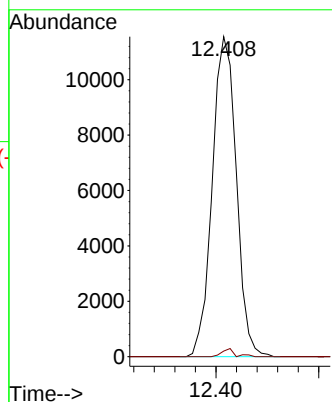
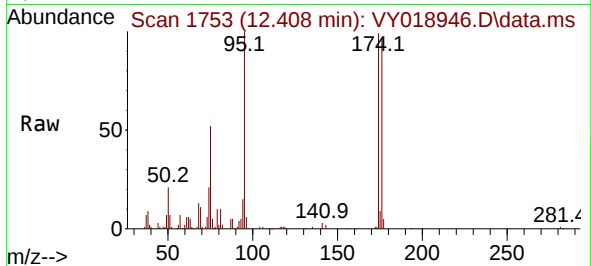




#76
1,2,3-Trichloropropane
Concen: 84.144 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY018946.D
Acq: 08 Aug 2024 23:16

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-01-080724

Tgt Ion: 75 Resp: 18738
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 173.386 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY018946.D
Acq: 08 Aug 2024 23:16

Tgt Ion: 75 Resp: 18738
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.4 35.8 53.6#

