

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018962.D
 Acq On : 09 Aug 2024 13:08
 Operator : SY/MD
 Sample : P3518-01
 Misc : 3.75g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 09 23:25:44 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)

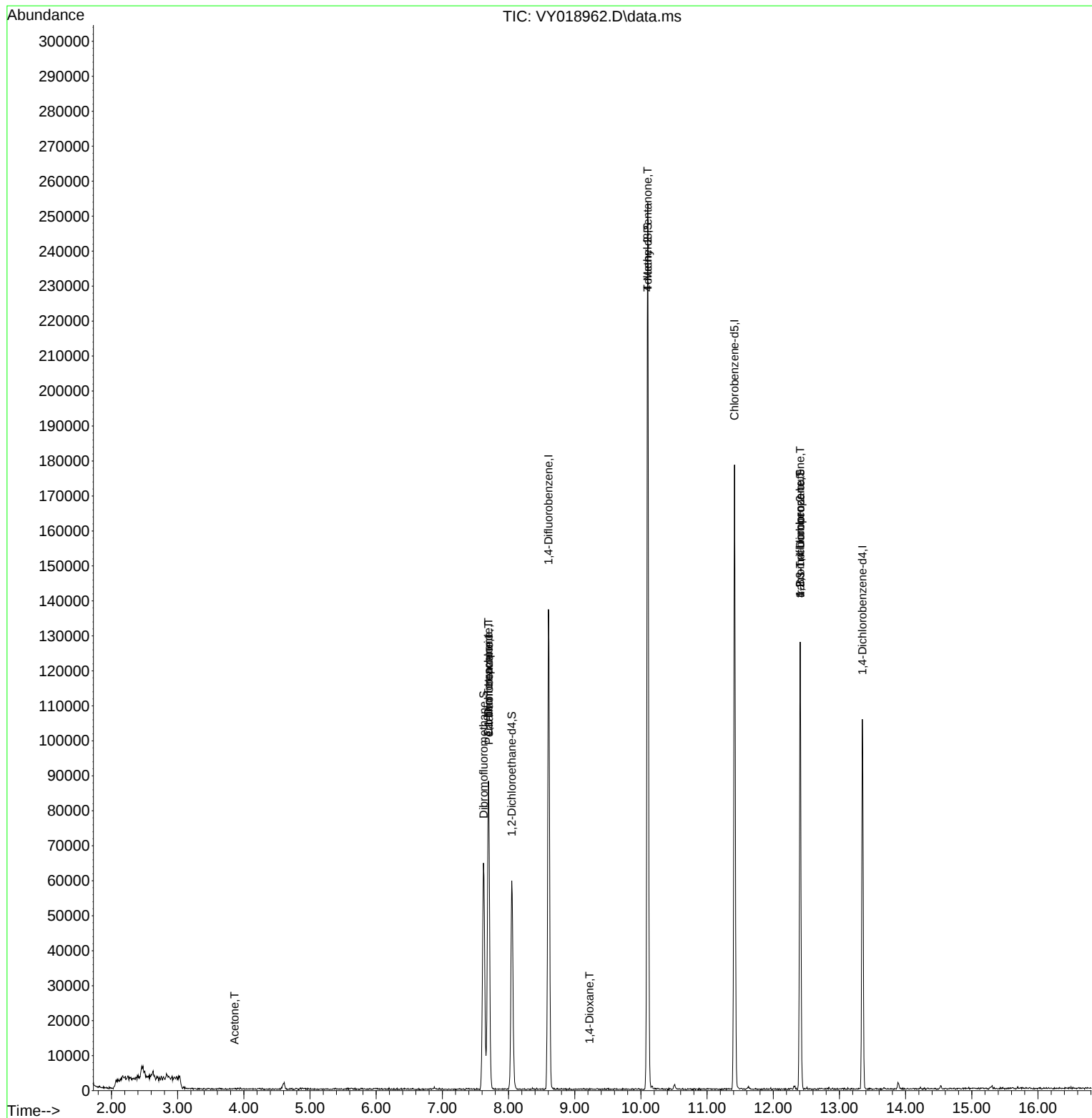
Internal Standards						
1) Pentafluorobenzene	7.701	168	71123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	118527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	85007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	24813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	36113	57.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.660%	
35) Dibromofluoromethane	7.622	113	41011	54.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.340%	
50) Toluene-d8	10.103	98	151342	52.048	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.100%	
62) 4-Bromofluorobenzene	12.408	95	30773	35.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	46	Below Cal	#	43
11) Tert butyl alcohol	4.836	59	21	Below Cal	#	88
13) Acrolein	3.720	56	27	Below Cal	#	15
16) Acetone	3.860	43	184	13.608	ug/l #	36
20) Methylene Chloride	4.598	84	1058	Below Cal	#	80
31) Cyclohexane	7.695	56	1566	Below Cal	#	53
36) 1,1-Dichloropropene	7.695	75	5228	5.145	ug/l #	51
38) Carbon Tetrachloride	7.695	117	6872	5.898	ug/l #	17
41) Methacrylonitrile	7.317	41	50	Below Cal	#	15
49) 1,4-Dioxane	9.225	88	35	6.782	ug/l #	80
51) 4-Methyl-2-Pentanone	10.103	43	855	1.755	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	18399	99.533	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	18399	205.097	ug/l #	16

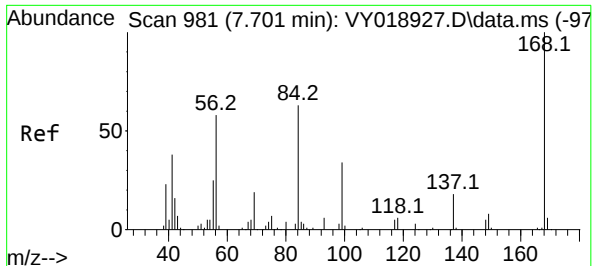
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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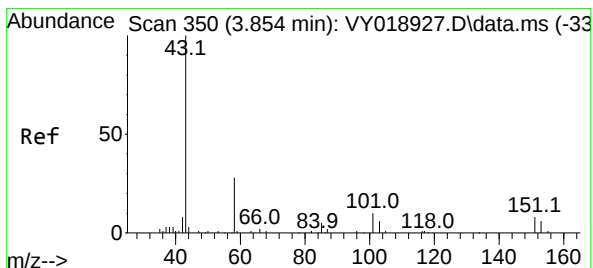
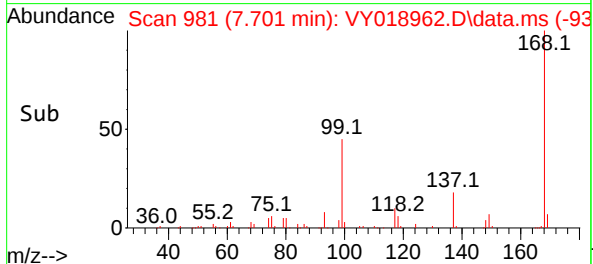
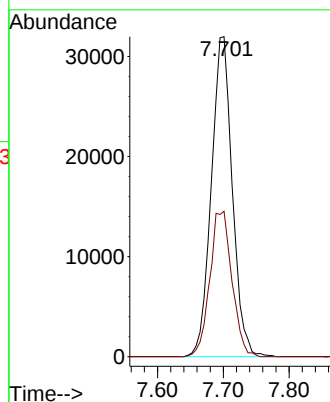
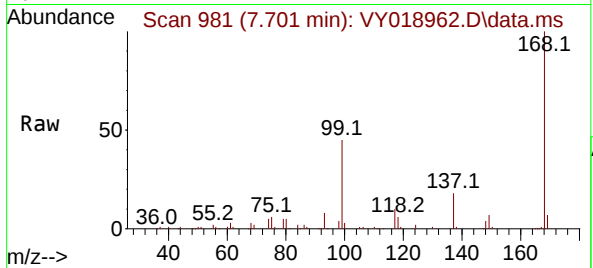




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

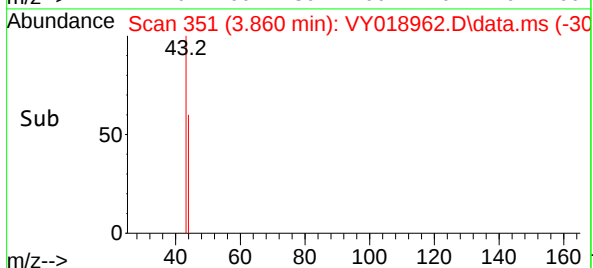
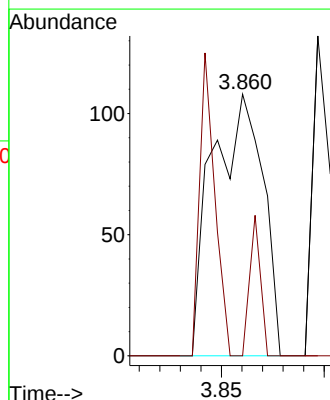
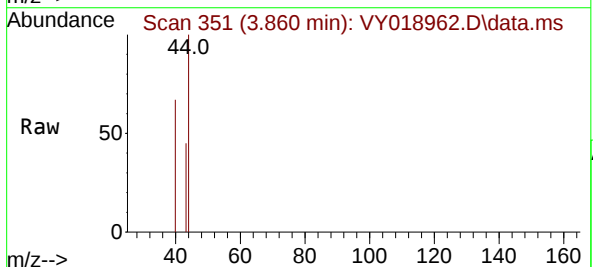
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-01-080724RE

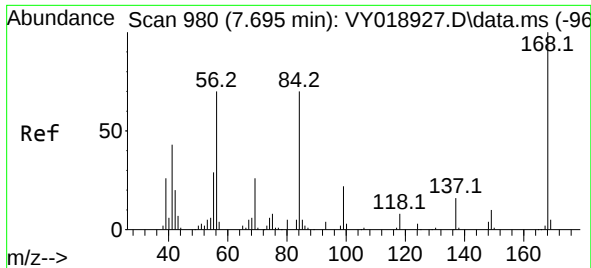
Tgt Ion:168 Resp: 71123
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#16
Acetone
Concen: 13.608 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

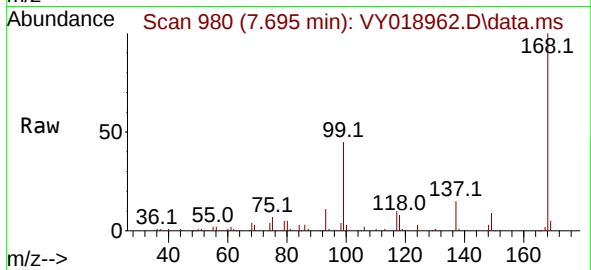
Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



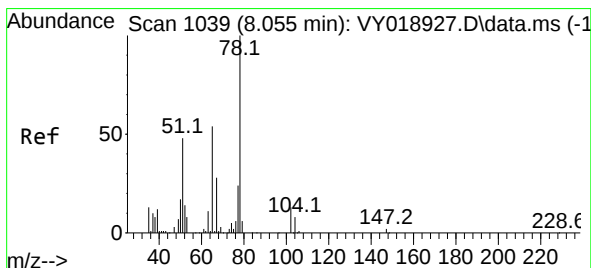
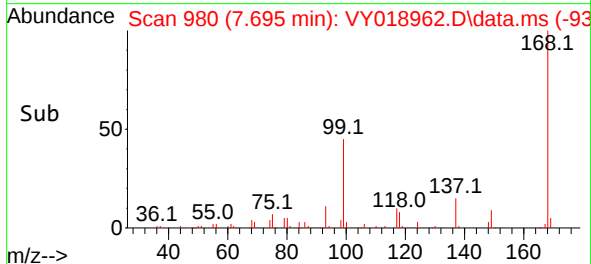
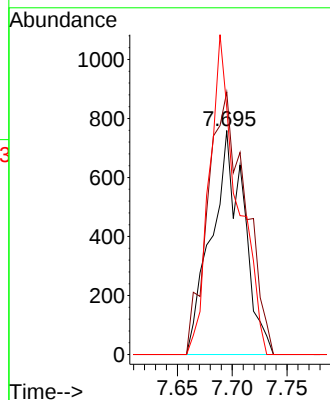


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

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

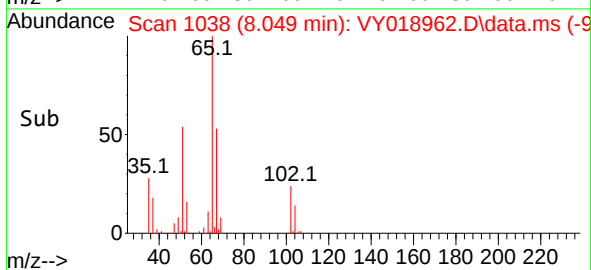
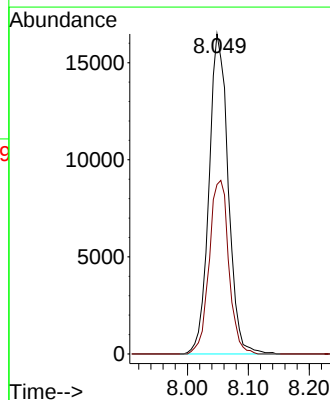
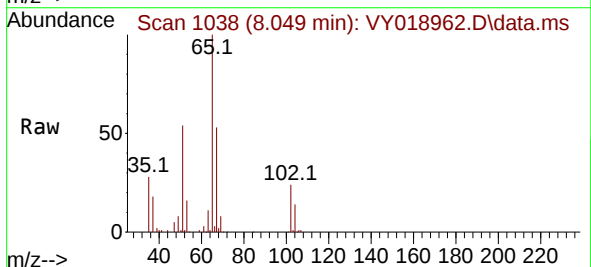


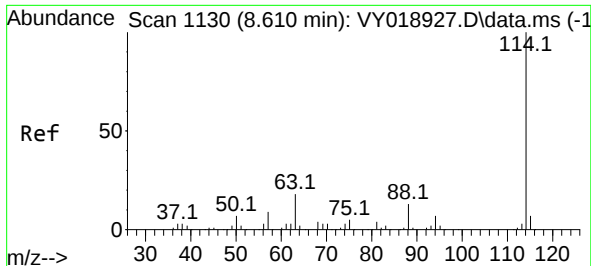
Tgt Ion: 56 Resp: 1566
Ion Ratio Lower Upper
56 100
69 117.3 28.7 43.1#
84 110.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 57.831 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

Tgt Ion: 65 Resp: 36113
Ion Ratio Lower Upper
65 100
67 55.3 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: VY018962.D

Acq: 09 Aug 2024 13:08

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-01-080724RE

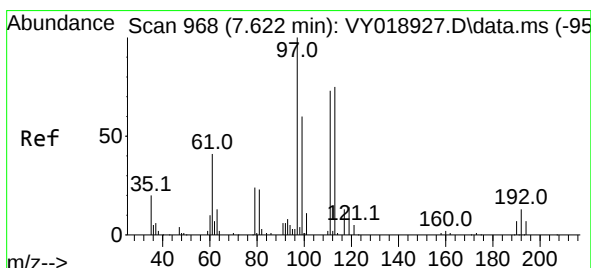
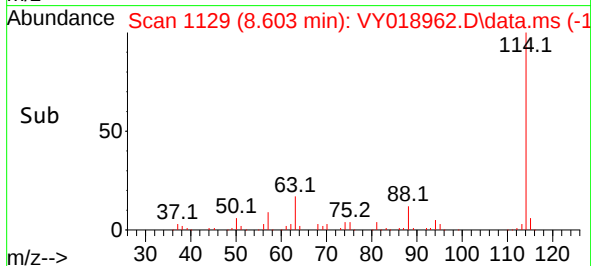
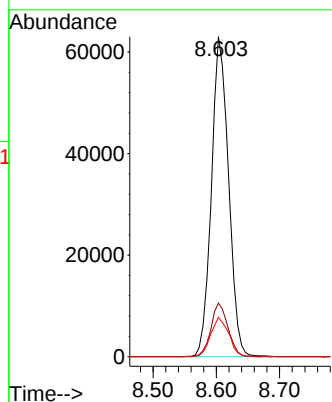
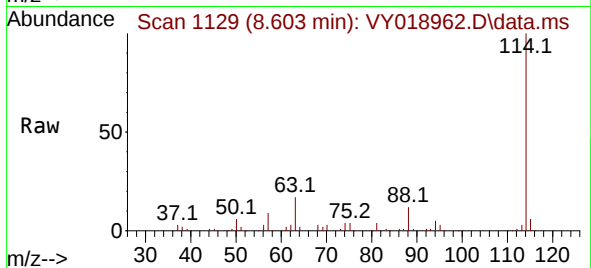
Tgt Ion:114 Resp: 118527

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 12.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.174 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018962.D

Acq: 09 Aug 2024 13:08

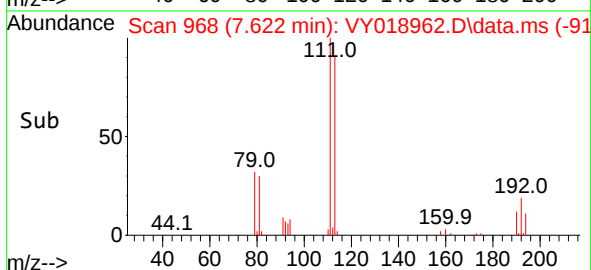
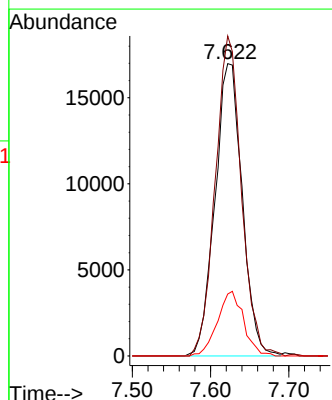
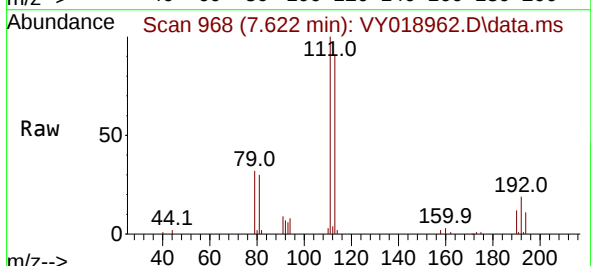
Tgt Ion:113 Resp: 41011

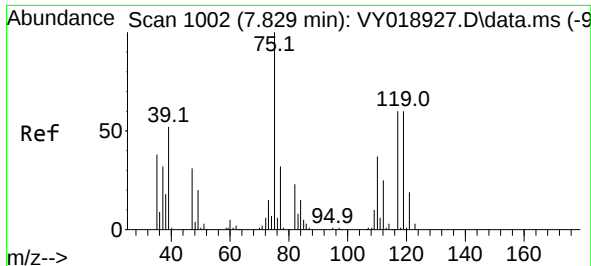
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 21.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.145 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018962.D

Acq: 09 Aug 2024 13:08

Instrument :

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ClientSampleId :

OU4-TS-01-080724RE

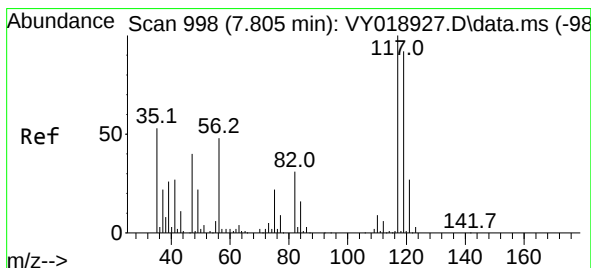
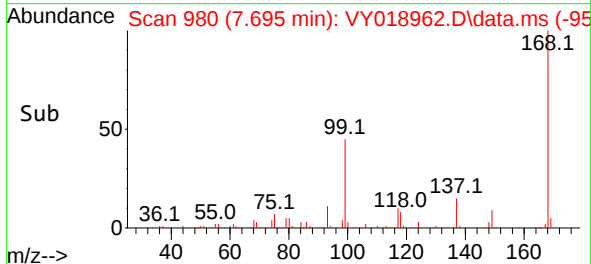
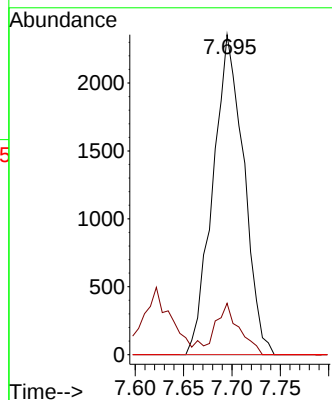
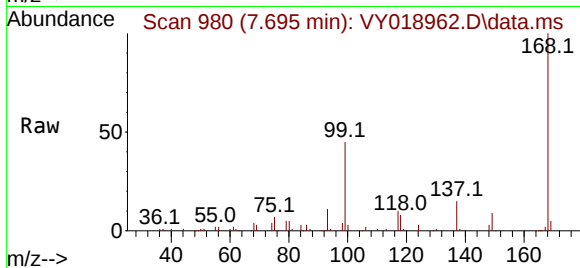
Tgt Ion: 75 Resp: 5228

Ion Ratio Lower Upper

75 100

110 12.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.898 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY018962.D

Acq: 09 Aug 2024 13:08

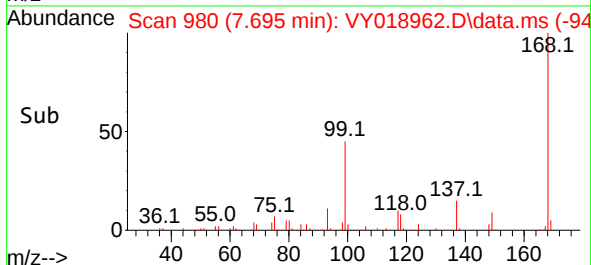
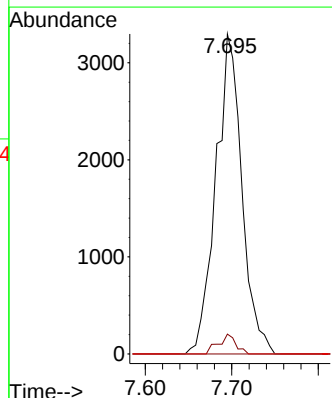
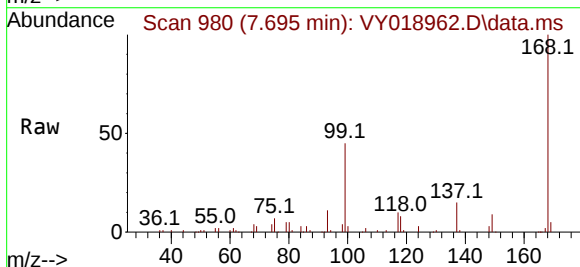
Tgt Ion: 117 Resp: 6872

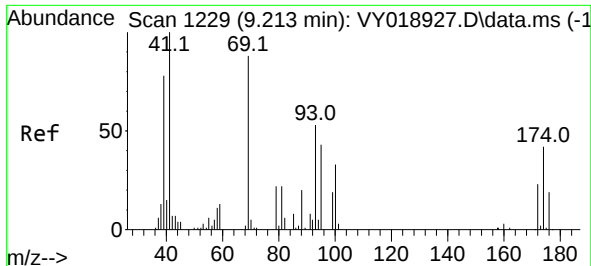
Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 6.782 ug/l

RT: 9.225 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY018962.D

Acq: 09 Aug 2024 13:08

Instrument :

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ClientSampleId :

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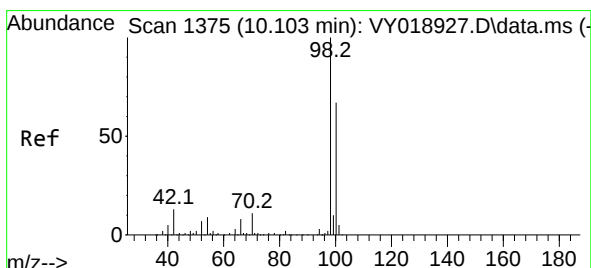
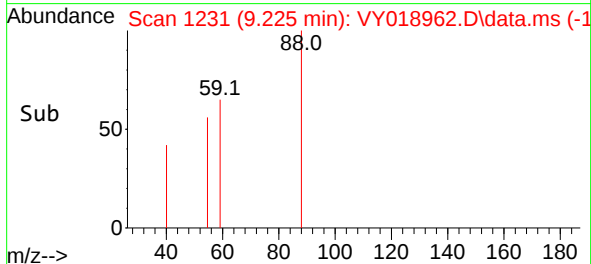
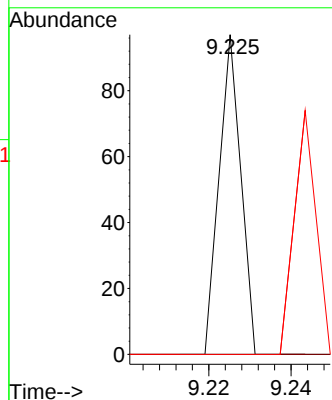
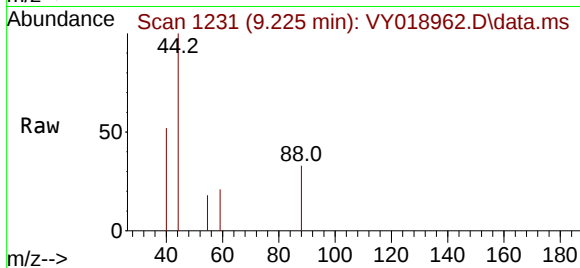
Tgt Ion: 88 Resp: 35

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 77.1 49.3 73.9#



#50

Toluene-d8

Concen: 52.048 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY018962.D

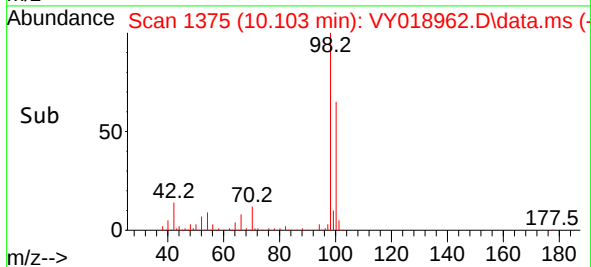
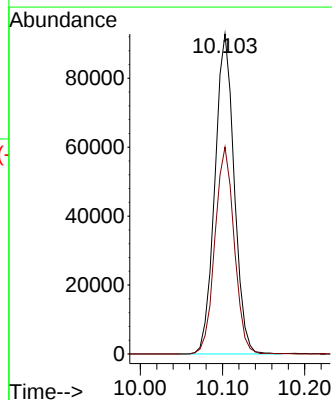
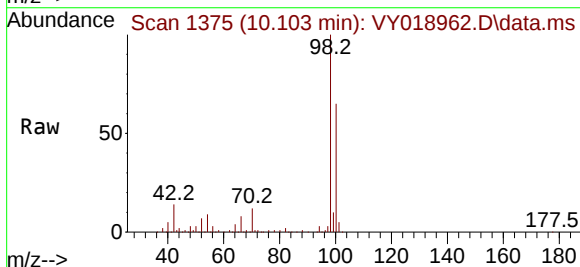
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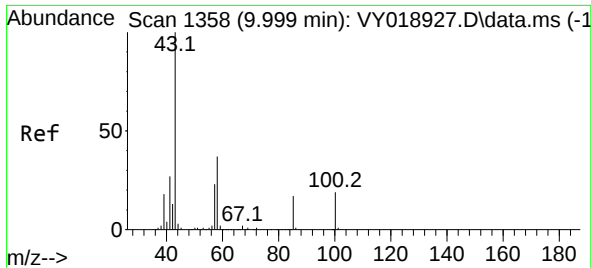
Tgt Ion: 98 Resp: 151342

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

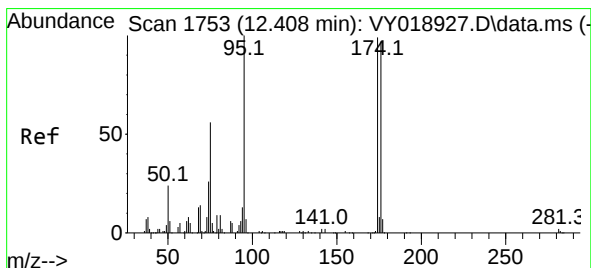
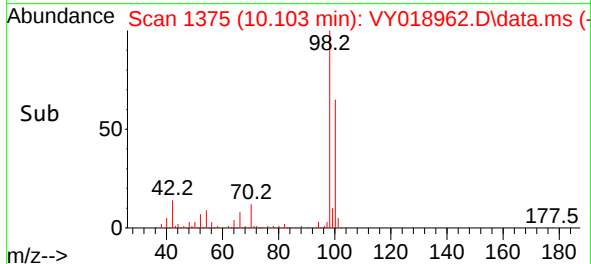
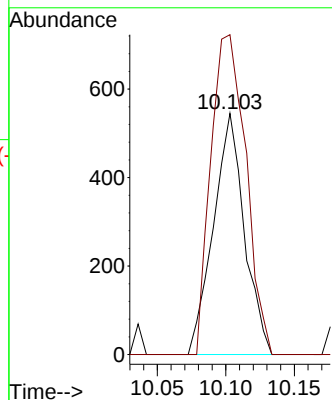
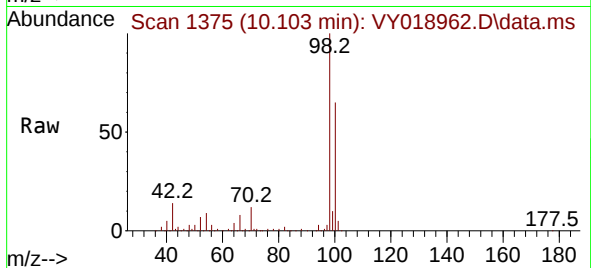




#51
4-Methyl-2-Pentanone
Concen: 1.755 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

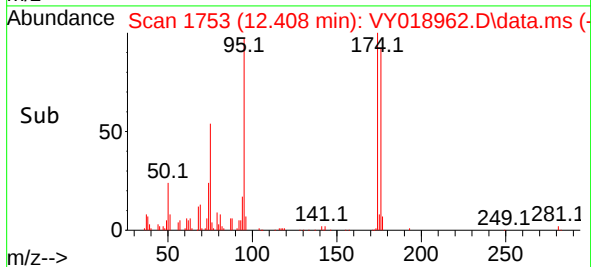
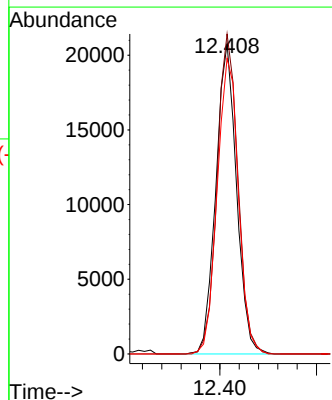
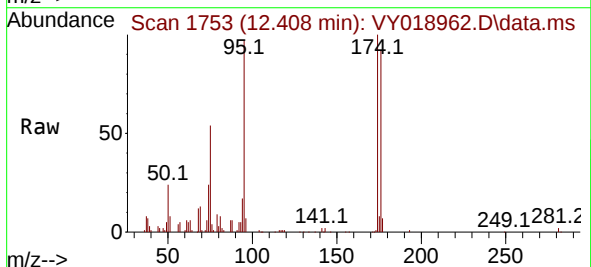
Instrument :
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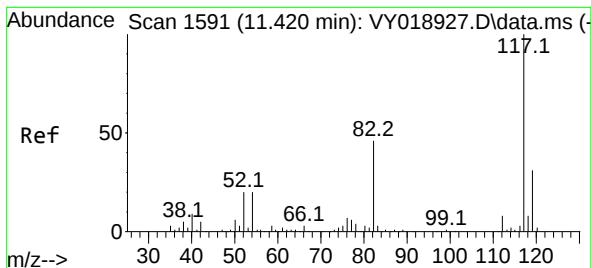
Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 150.4 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 35.672 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

Tgt Ion: 95 Resp: 30773
Ion Ratio Lower Upper
95 100
174 103.6 0.0 175.6
176 97.9 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: VY018962.D

Acq: 09 Aug 2024 13:08

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-01-080724RE

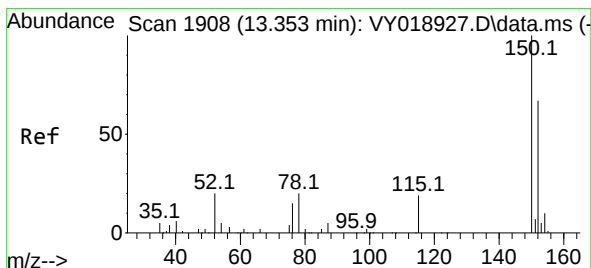
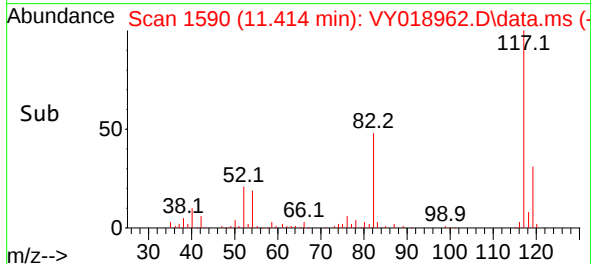
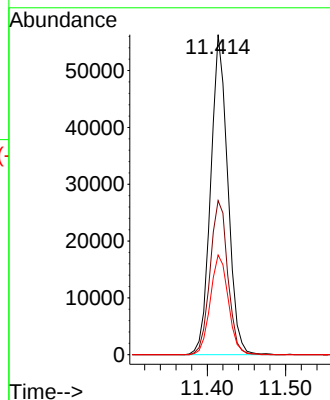
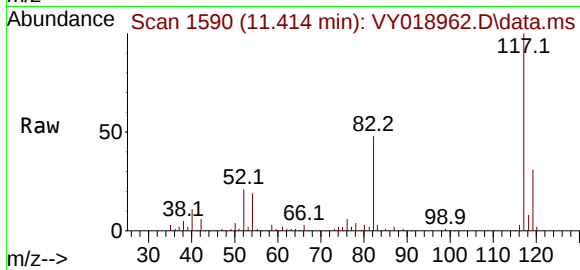
Tgt Ion:117 Resp: 85007

Ion Ratio Lower Upper

117 100

82 48.1 42.4 63.6

119 31.2 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: VY018962.D

Acq: 09 Aug 2024 13:08

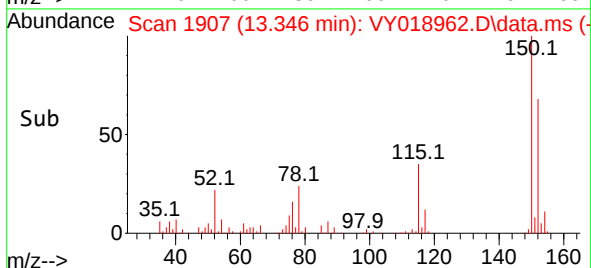
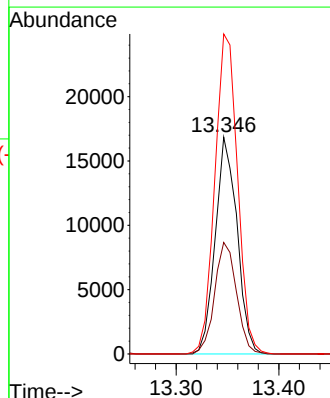
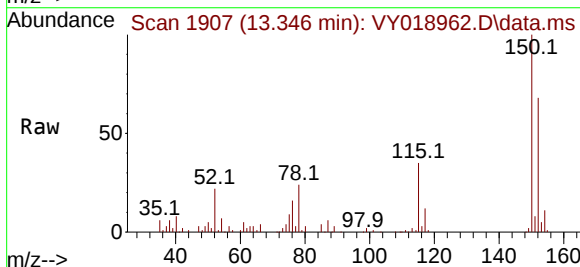
Tgt Ion:152 Resp: 24813

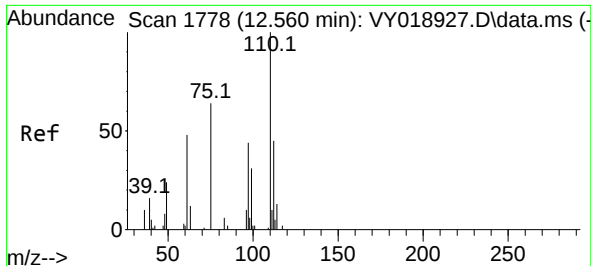
Ion Ratio Lower Upper

152 100

115 51.7 28.2 84.7

150 153.8 0.0 345.6

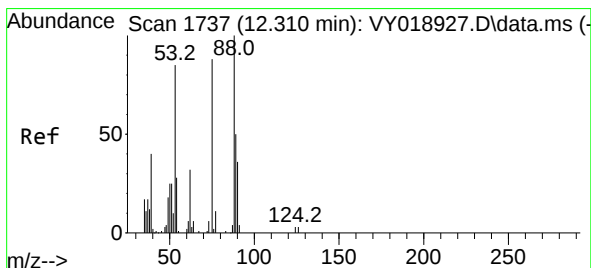
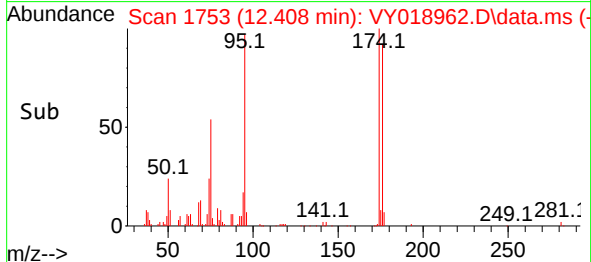
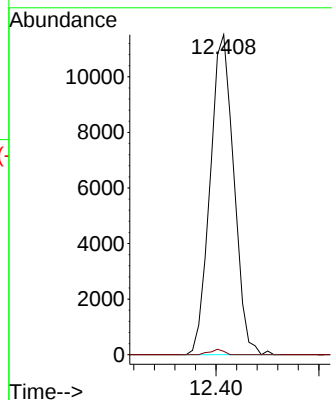
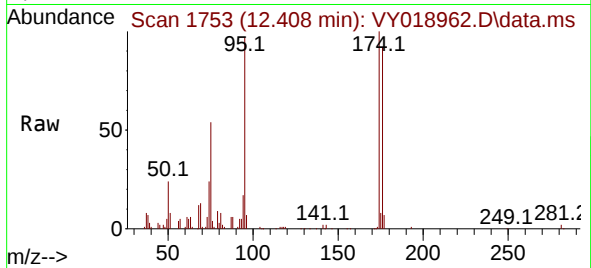




#76
1,2,3-Trichloropropane
Concen: 99.533 ug/l
RT: 12.408 min Scan# 1778
Delta R.T. -0.153 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

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

Tgt Ion: 75 Resp: 18399
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 205.097 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

Tgt Ion: 75 Resp: 18399
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

