

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018975.D
 Acq On : 09 Aug 2024 18:31
 Operator : SY/MD
 Sample : P3518-27
 Misc : 4.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-14-080724

Quant Time: Aug 09 23:30:41 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)

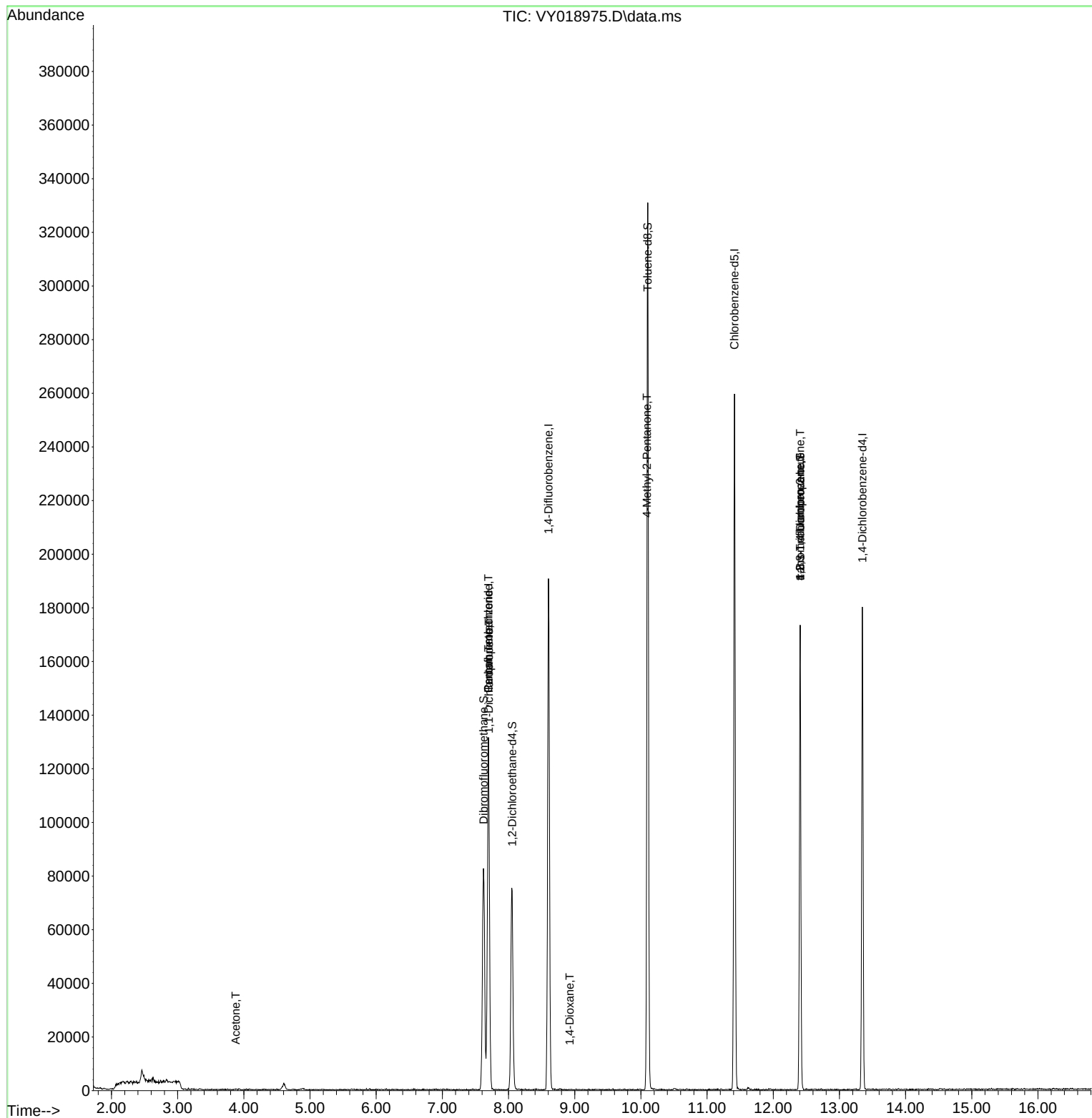
Internal Standards						
1) Pentafluorobenzene	7.695	168	100833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	162091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	124300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	39554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	49045	55.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.800%	
35) Dibromofluoromethane	7.622	113	53764	51.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.860%	
50) Toluene-d8	10.103	98	199752	50.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.460%	
62) 4-Bromofluorobenzene	12.408	95	42192	35.764	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.062	50	63	Below Cal	#	43
16) Acetone	3.879	43	134	13.082	ug/l #	36
20) Methylene Chloride	4.604	84	1550	Below Cal	#	76
31) Cyclohexane	7.689	56	2563	Below Cal	#	68
36) 1,1-Dichloropropene	7.701	75	7092	5.103	ug/l #	48
38) Carbon Tetrachloride	7.695	117	9892	6.208	ug/l #	17
41) Methacrylonitrile	7.463	41	32	Below Cal	#	36
49) 1,4-Dioxane	8.926	88	19	2.692	ug/l #	20
51) 4-Methyl-2-Pentanone	10.091	43	1059	1.590	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	25010	84.874	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	25010	174.891	ug/l #	16

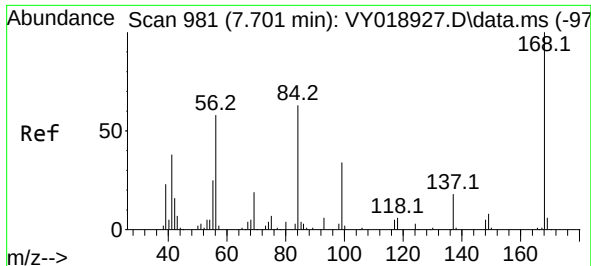
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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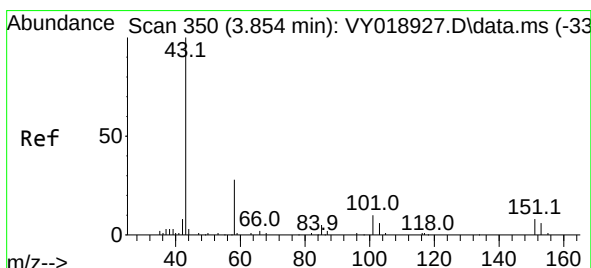
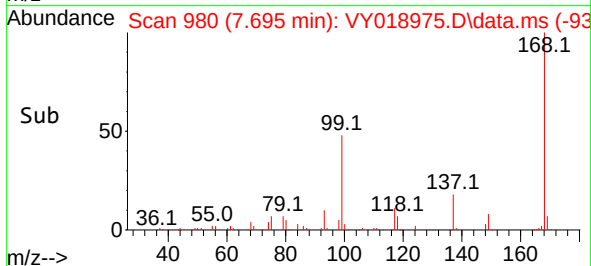
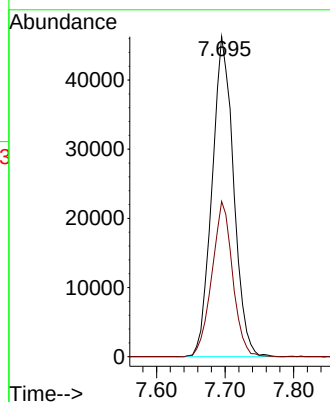
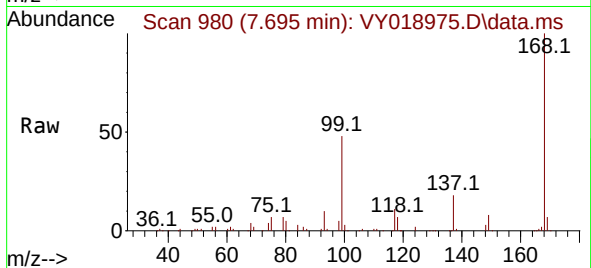




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018975.D
Acq: 09 Aug 2024 18:31

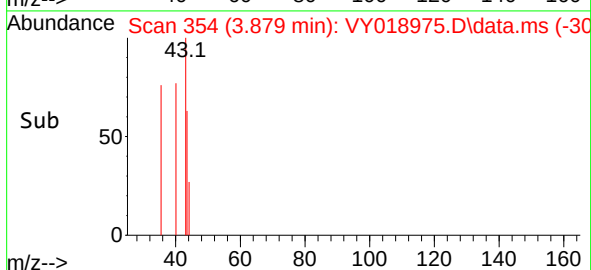
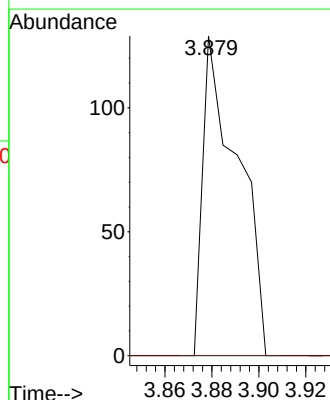
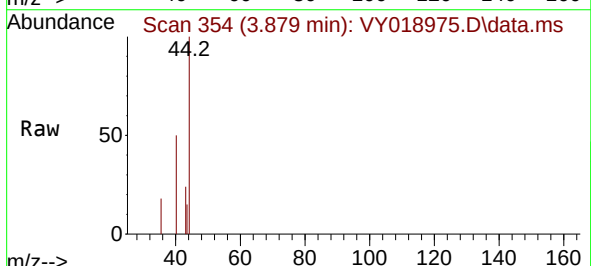
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-14-080724

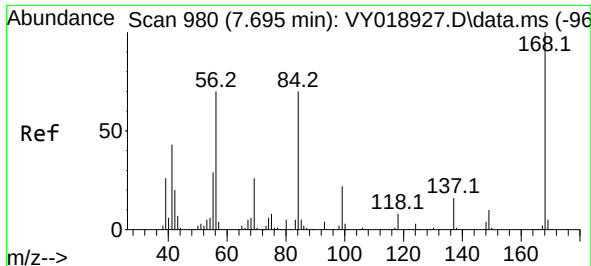
Tgt Ion:168 Resp: 100833
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#16
Acetone
Concen: 13.082 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.024 min
Lab File: VY018975.D
Acq: 09 Aug 2024 18:31

Tgt Ion: 43 Resp: 134
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

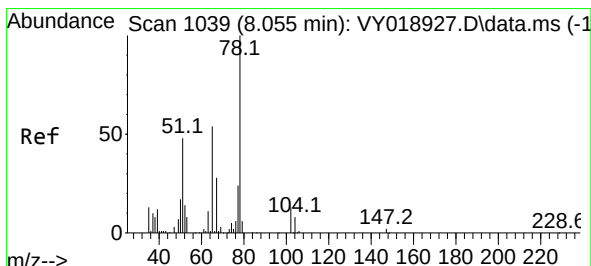
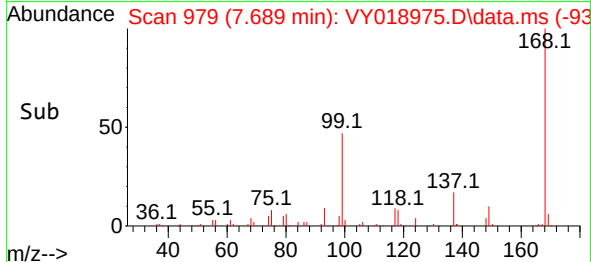
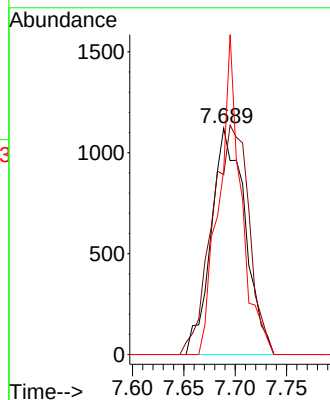
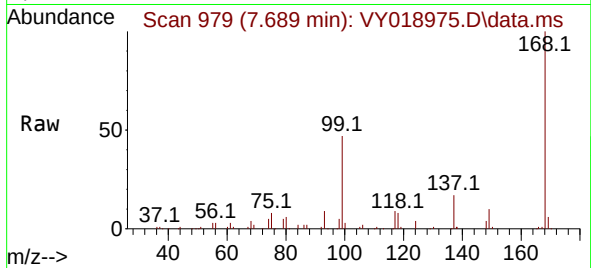




#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018975.D
Acq: 09 Aug 2024 18:31

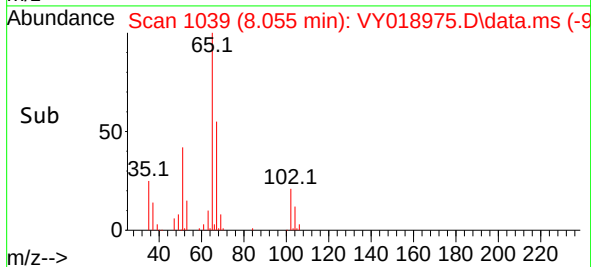
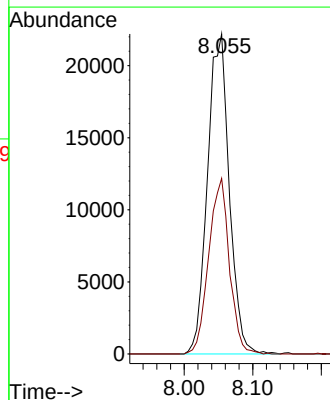
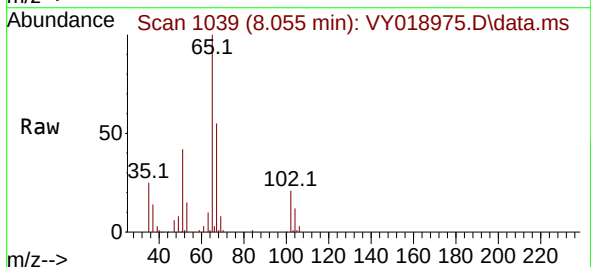
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-14-080724

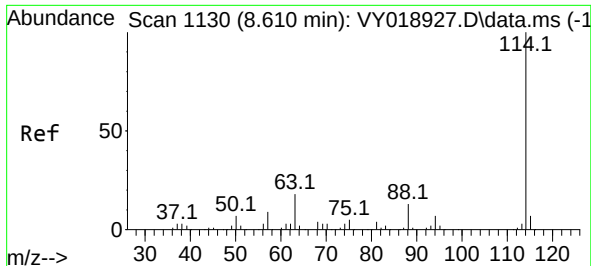
Tgt Ion: 56 Resp: 2563
Ion Ratio Lower Upper
56 100
69 79.5 28.7 43.1#
84 81.6 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.399 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018975.D
Acq: 09 Aug 2024 18:31

Tgt Ion: 65 Resp: 49045
Ion Ratio Lower Upper
65 100
67 52.2 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: VY018975.D

Acq: 09 Aug 2024 18:31

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-14-080724

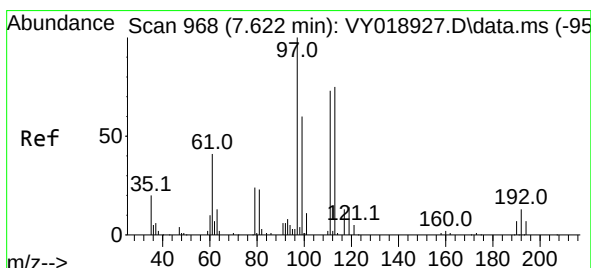
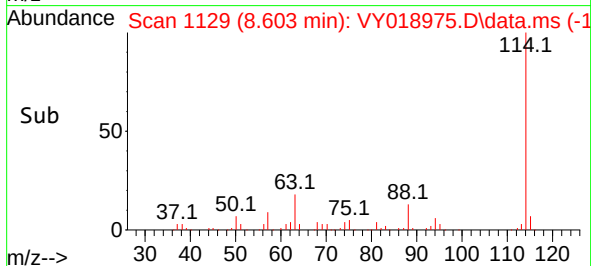
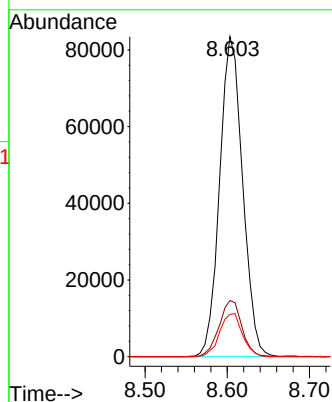
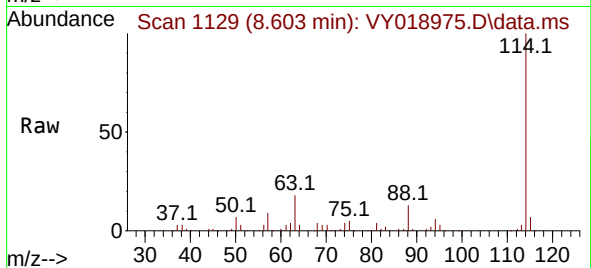
Tgt Ion:114 Resp: 162091

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.933 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018975.D

Acq: 09 Aug 2024 18:31

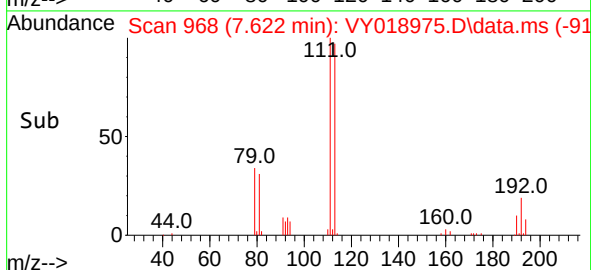
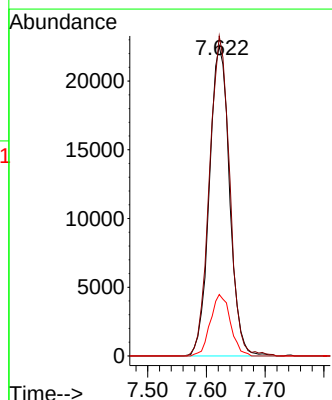
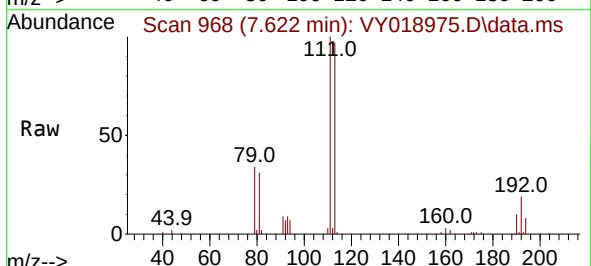
Tgt Ion:113 Resp: 53764

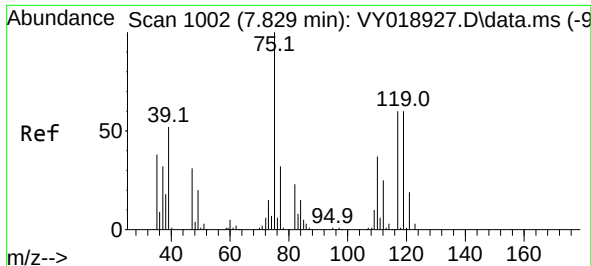
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 19.7 15.9 23.9

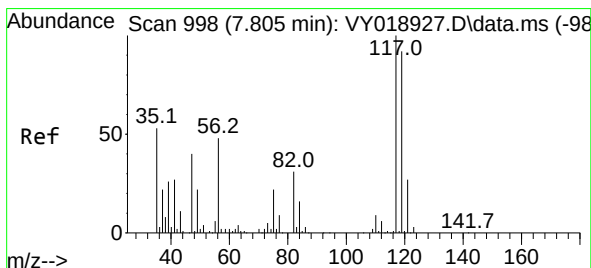
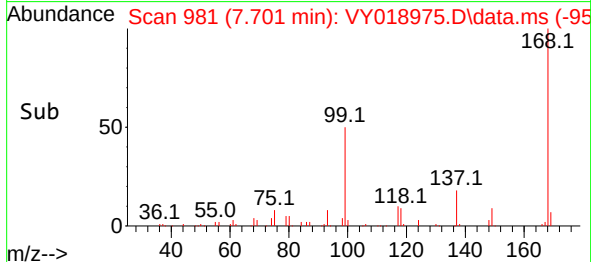
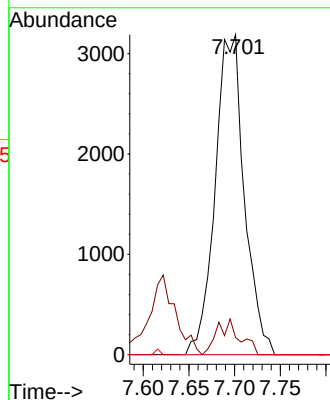
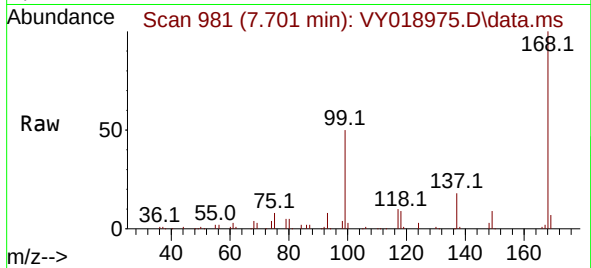




#36
1,1-Dichloropropene
Concen: 5.103 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018975.D
Acq: 09 Aug 2024 18:31

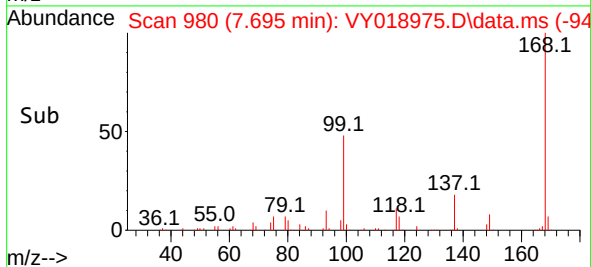
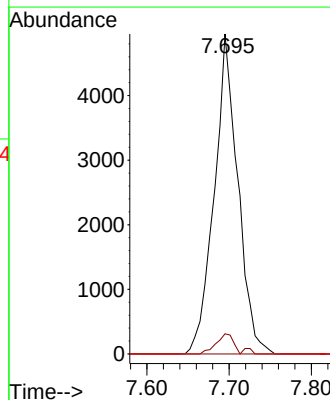
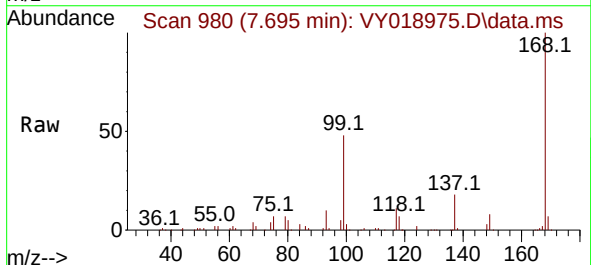
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-14-080724

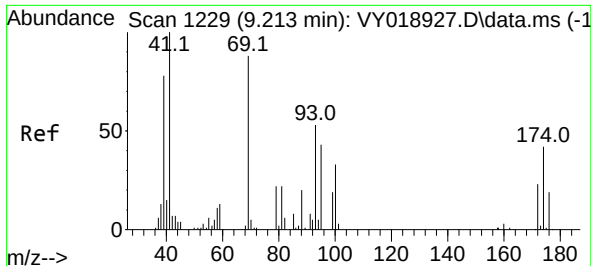
Tgt Ion: 75 Resp: 7092
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.208 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY018975.D
Acq: 09 Aug 2024 18:31

Tgt Ion: 117 Resp: 9892
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.692 ug/l

RT: 8.926 min Scan# 1182

Delta R.T. -0.287 min

Lab File: VY018975.D

Acq: 09 Aug 2024 18:31

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-14-080724

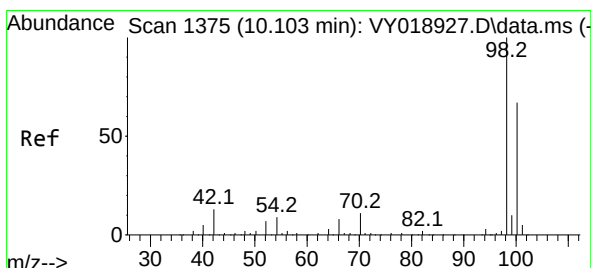
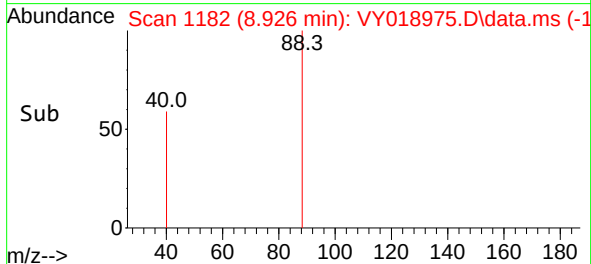
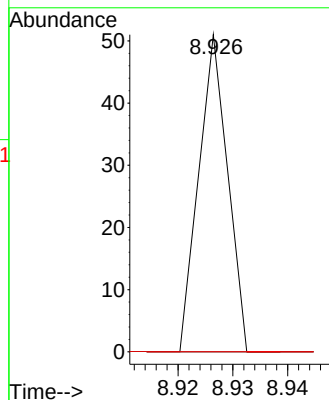
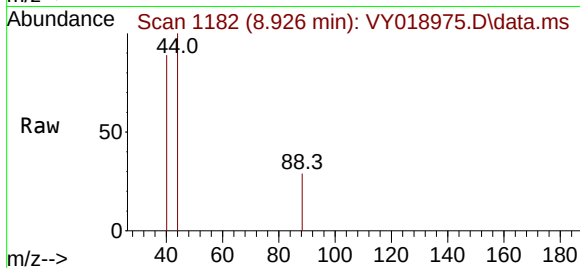
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 50.234 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY018975.D

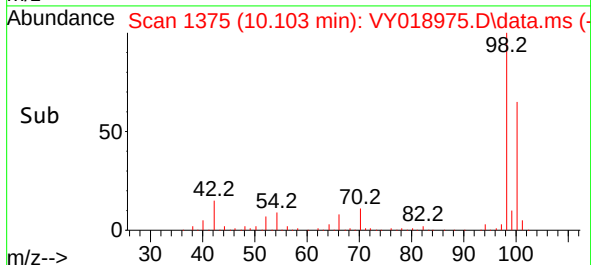
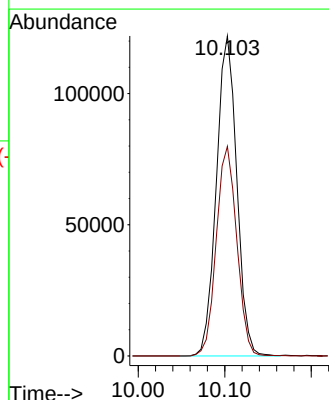
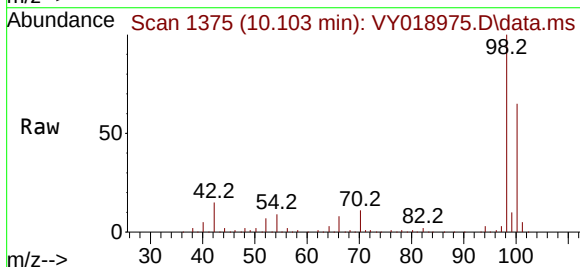
Acq: 09 Aug 2024 18:31

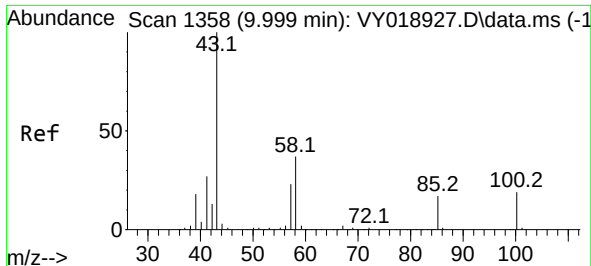
Tgt Ion: 98 Resp: 199752

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.590 ug/l

RT: 10.091 min Scan# 11

Delta R.T. 0.091 min

Lab File: VY018975.D

Acq: 09 Aug 2024 18:31

Instrument :

MSVOA_Y

ClientSampleId :

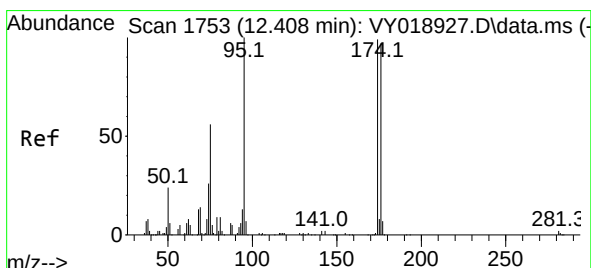
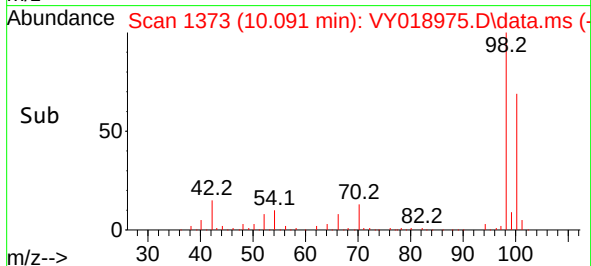
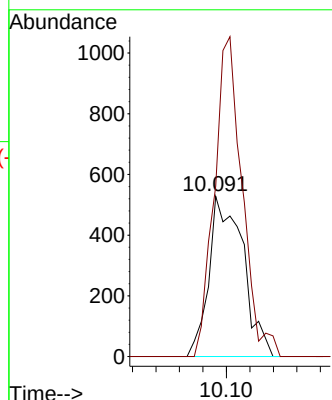
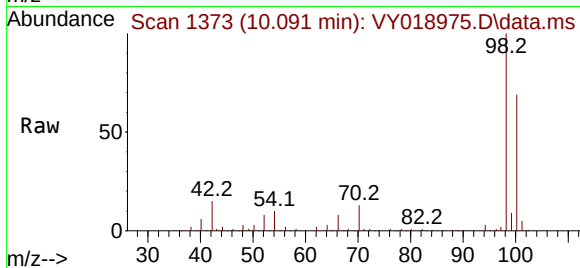
OU4-TS-14-080724

Tgt Ion: 43 Resp: 1059

Ion Ratio Lower Upper

43 100

58 163.8 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 35.764 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY018975.D

Acq: 09 Aug 2024 18:31

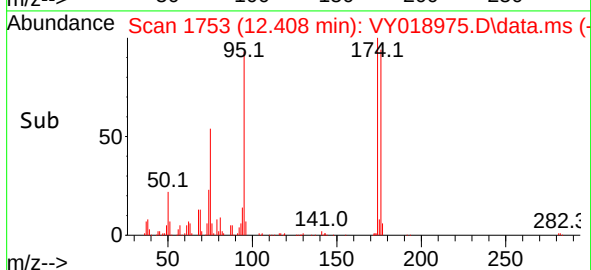
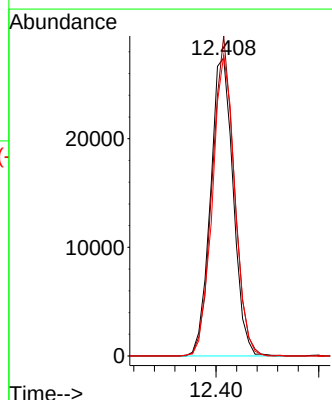
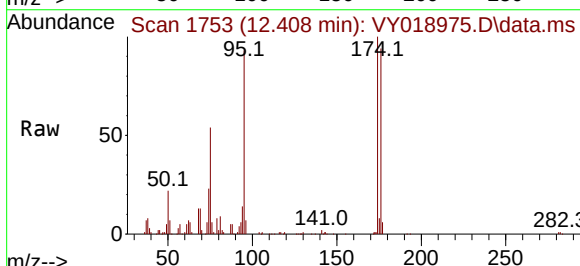
Tgt Ion: 95 Resp: 42192

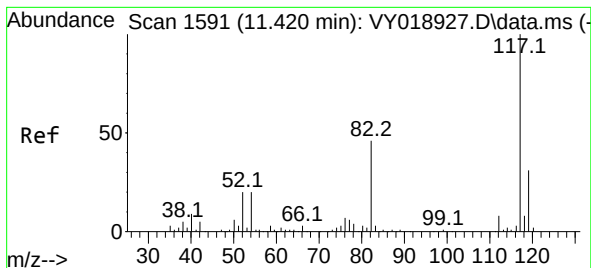
Ion Ratio Lower Upper

95 100

174 103.2 0.0 175.6

176 98.9 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: VY018975.D

Acq: 09 Aug 2024 18:31

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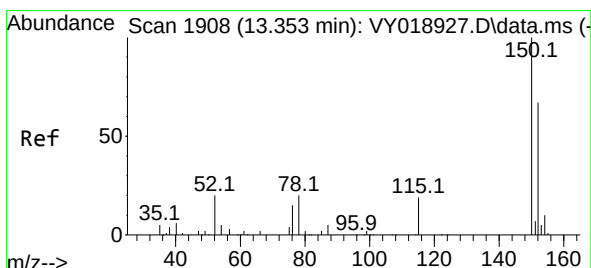
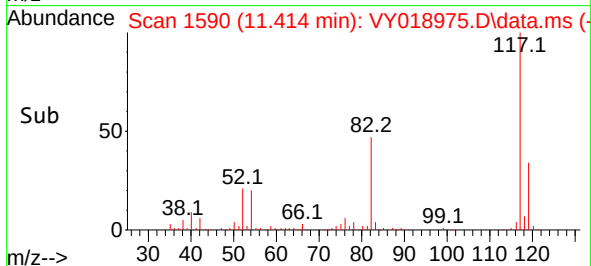
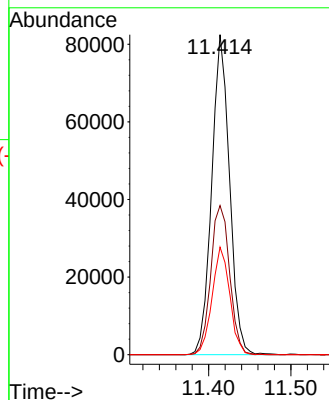
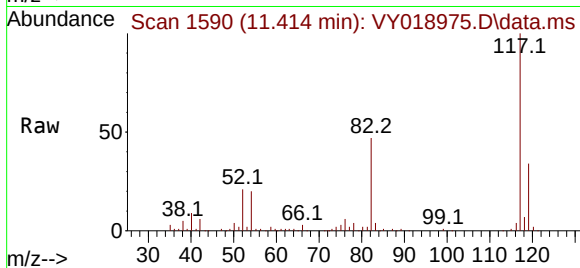
Tgt Ion:117 Resp: 124300

Ion Ratio Lower Upper

117 100

82 46.6 42.4 63.6

119 33.6 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: VY018975.D

Acq: 09 Aug 2024 18:31

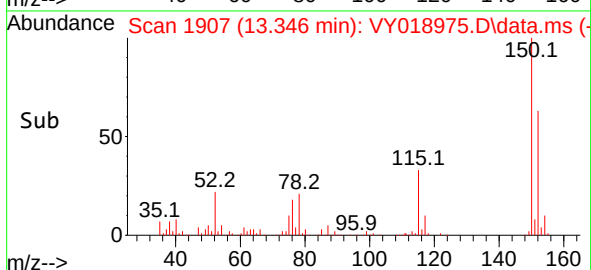
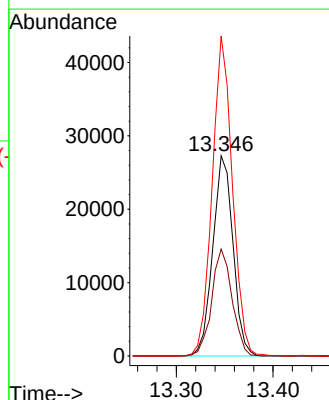
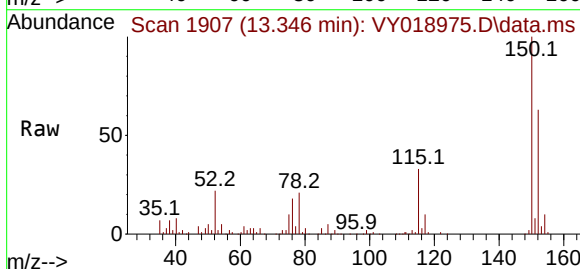
Tgt Ion:152 Resp: 39554

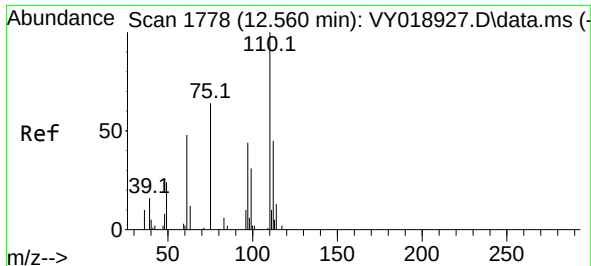
Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 160.0 0.0 345.6

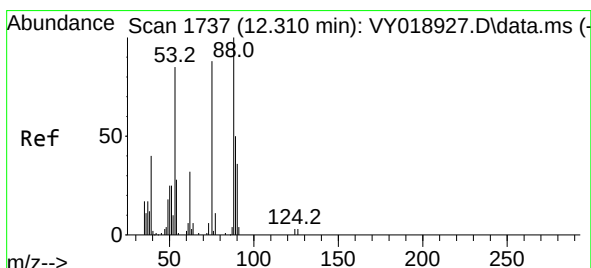
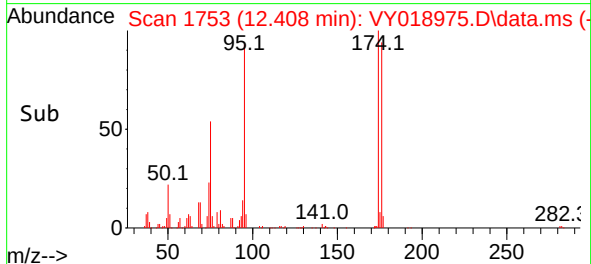
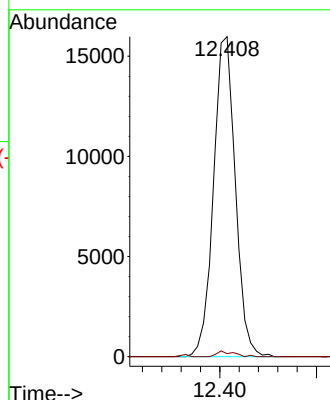
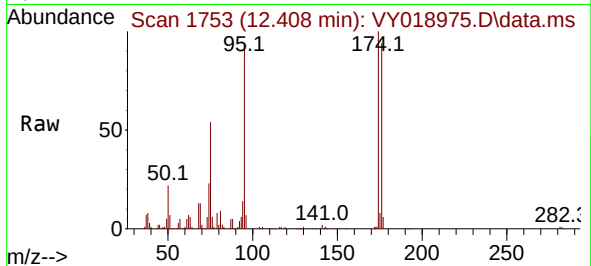




#76
1,2,3-Trichloropropane
Concen: 84.874 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY018975.D
Acq: 09 Aug 2024 18:31

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-14-080724

Tgt Ion: 75 Resp: 25010
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 174.891 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY018975.D
Acq: 09 Aug 2024 18:31

Tgt Ion: 75 Resp: 25010
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

