

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018964.D
 Acq On : 09 Aug 2024 13:57
 Operator : SY/MD
 Sample : P3518-05
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-03-080724RE

Quant Time: Aug 09 23:26:31 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)

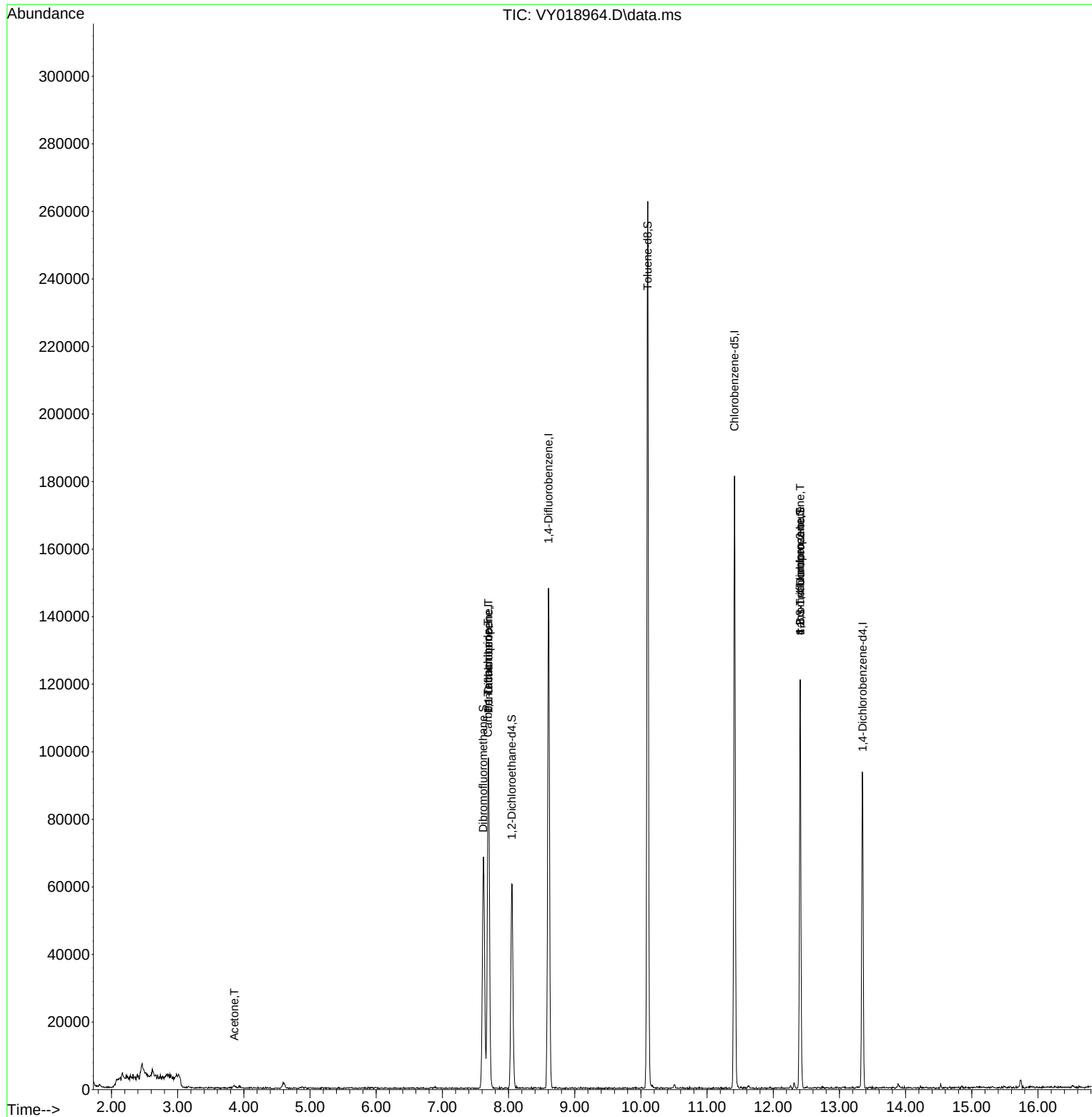
Internal Standards						
1) Pentafluorobenzene	7.695	168	79855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	127090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	89640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	23213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	39293	56.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.080%
35) Dibromofluoromethane	7.616	113	43915	54.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.200%
50) Toluene-d8	10.103	98	161574	51.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.408	95	29210	31.579	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.160%
Target Compounds						
					Qvalue	
3) Chloromethane	2.062	50	91	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	85	Below Cal	#	88
13) Acrolein	3.744	56	25	Below Cal	#	15
16) Acetone	3.854	43	1298	19.331	ug/l	90
20) Methylene Chloride	4.598	84	636	Below Cal		86
31) Cyclohexane	7.701	56	2043	Below Cal	#	66
36) 1,1-Dichloropropene	7.695	75	5630	5.167	ug/l #	51
38) Carbon Tetrachloride	7.689	117	7218	5.778	ug/l #	18
41) Methacrylonitrile	7.402	41	45	Below Cal	#	21
76) 1,2,3-Trichloropropane	12.408	75	16982	98.200	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	16982	202.350	ug/l #	16

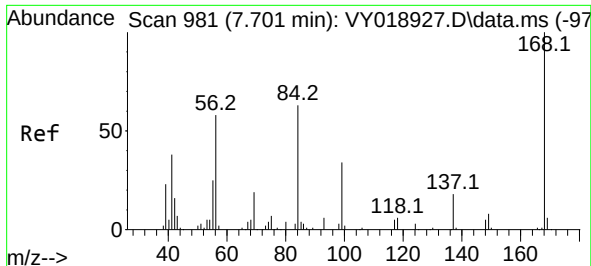
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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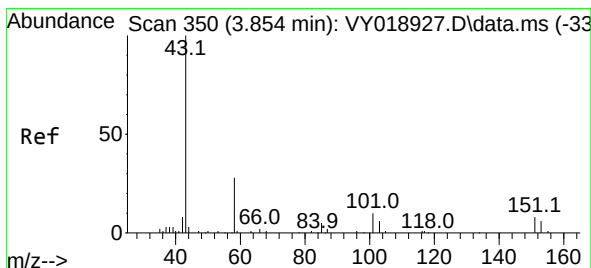
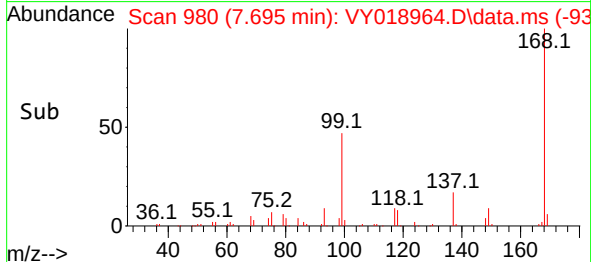
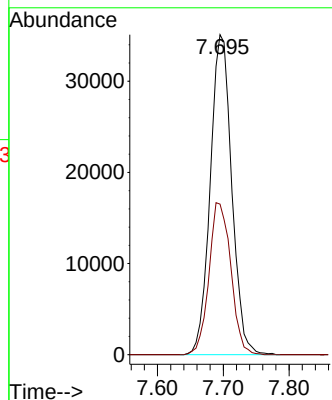
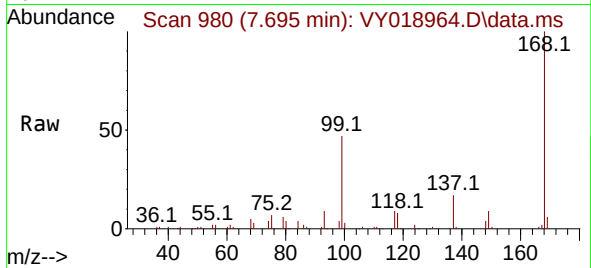




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018964.D
Acq: 09 Aug 2024 13:57

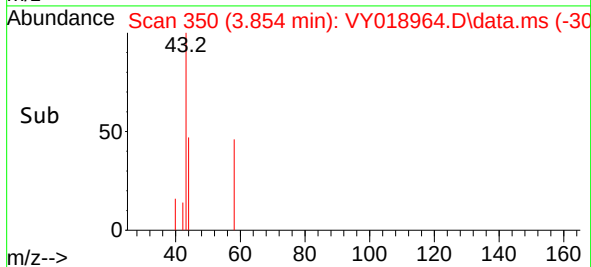
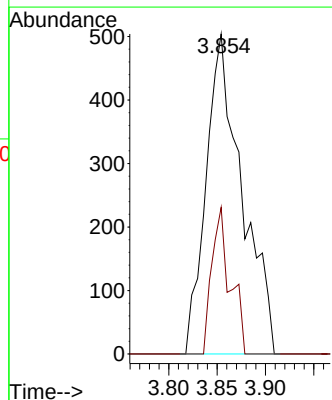
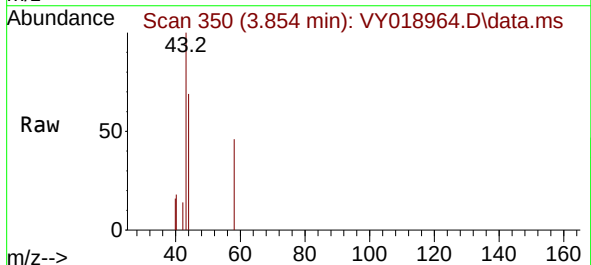
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-03-080724RE

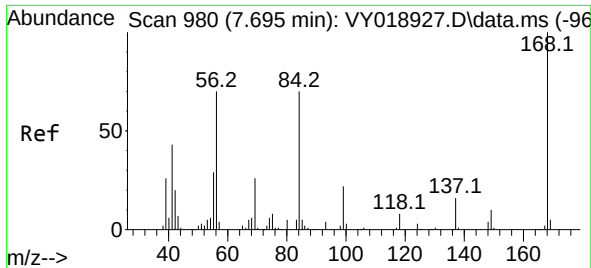
Tgt Ion:168 Resp: 79855
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#16
Acetone
Concen: 19.331 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY018964.D
Acq: 09 Aug 2024 13:57

Tgt Ion: 43 Resp: 1298
Ion Ratio Lower Upper
43 100
58 45.8 31.7 47.5

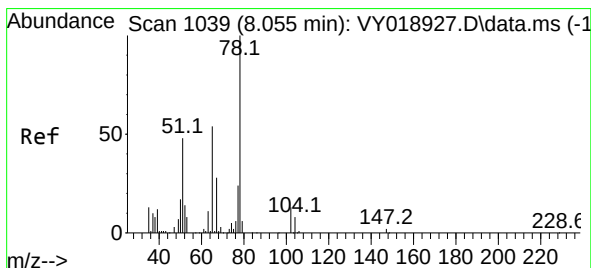
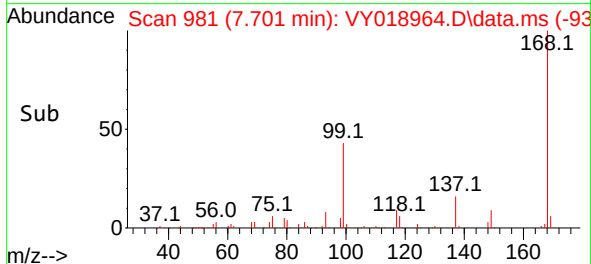
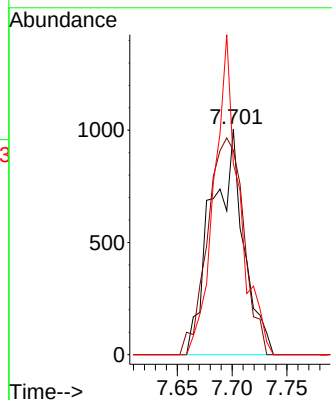
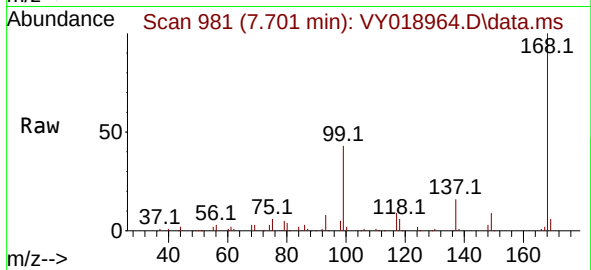




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018964.D
Acq: 09 Aug 2024 13:57

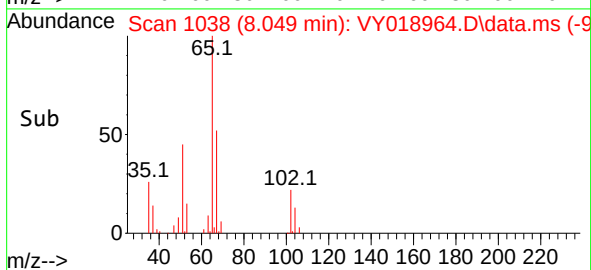
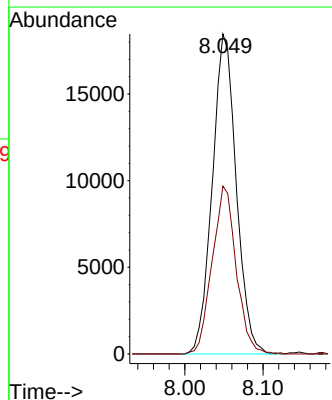
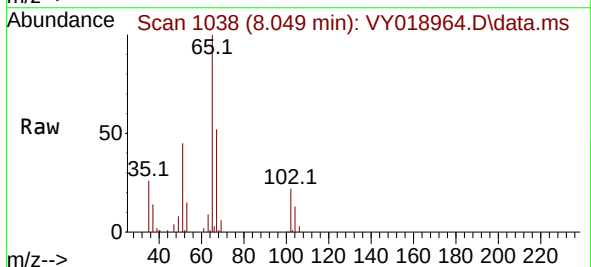
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-03-080724RE

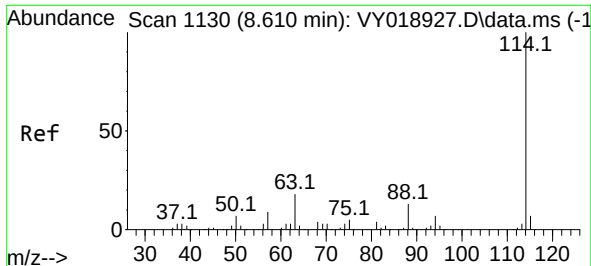
Tgt Ion: 56 Resp: 2043
Ion Ratio Lower Upper
56 100
69 90.7 28.7 43.1#
84 84.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 56.043 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018964.D
Acq: 09 Aug 2024 13:57

Tgt Ion: 65 Resp: 39293
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY018964.D

Acq: 09 Aug 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-03-080724RE

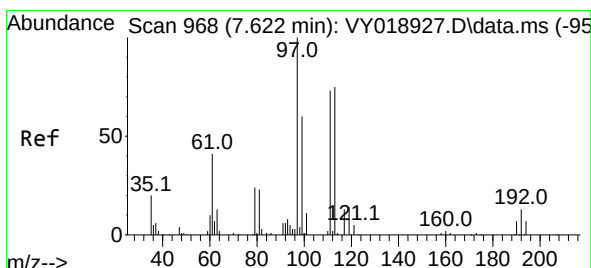
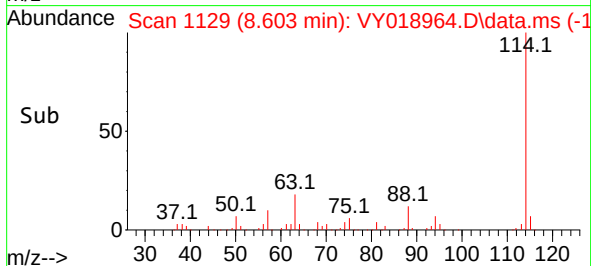
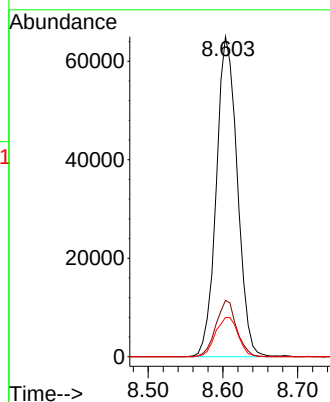
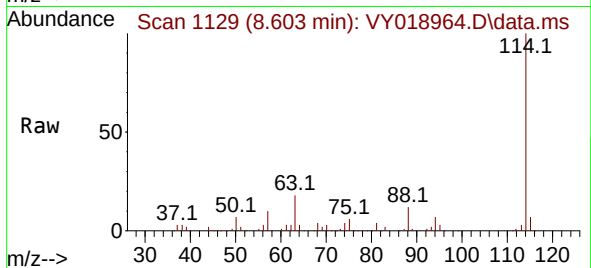
Tgt Ion:114 Resp: 127090

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 12.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.102 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018964.D

Acq: 09 Aug 2024 13:57

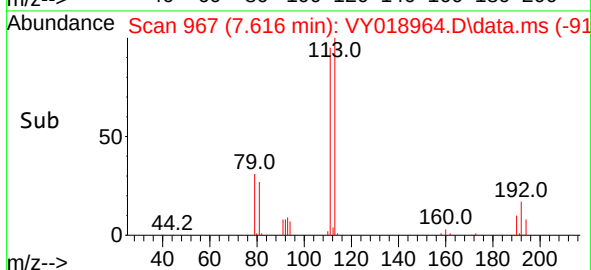
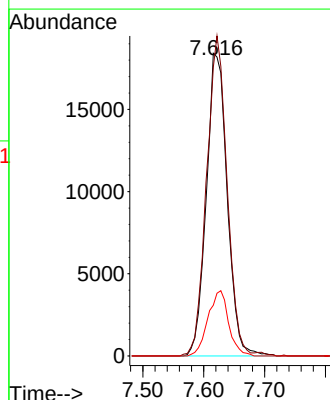
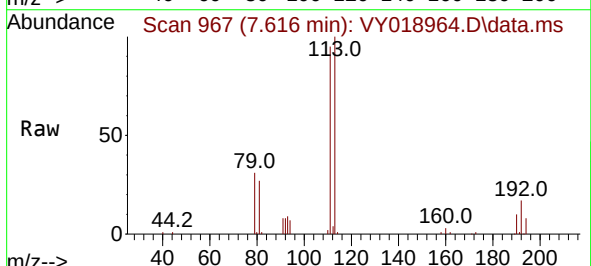
Tgt Ion:113 Resp: 43915

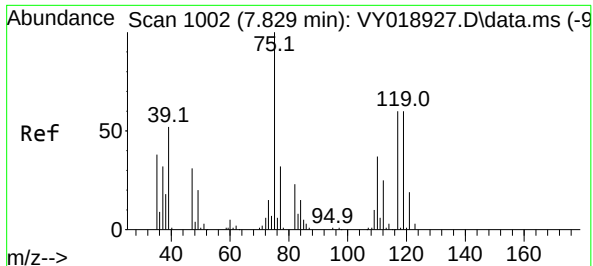
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 21.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.167 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018964.D

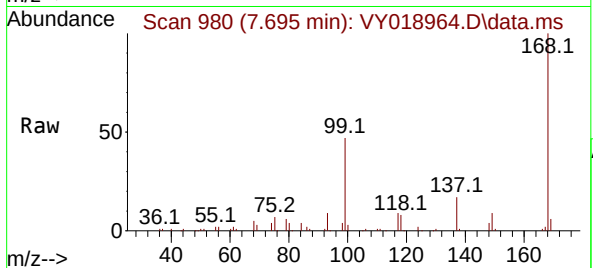
Acq: 09 Aug 2024 13:57

Instrument :

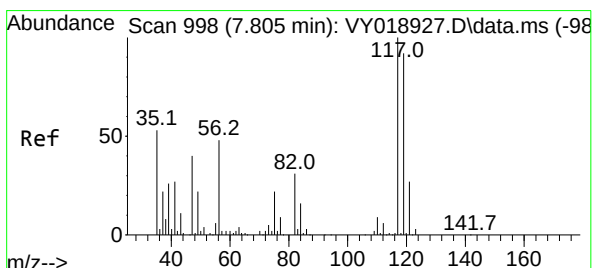
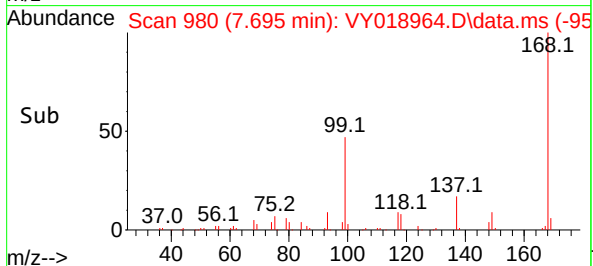
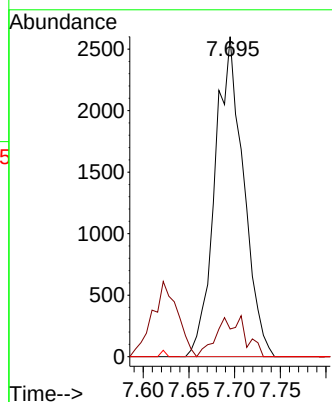
MSVOA_Y

ClientSampleId :

OU4-TS-03-080724RE



Tgt Ion: 75	Resp: 5630
Ion Ratio	Lower Upper
75	100
110	12.6 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.778 ug/l

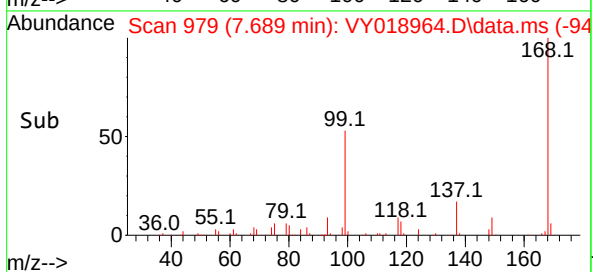
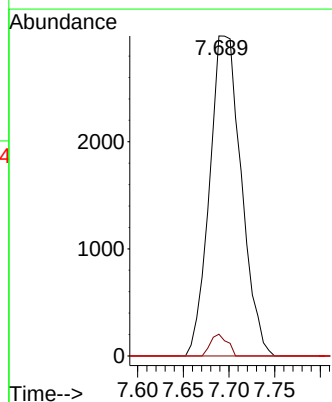
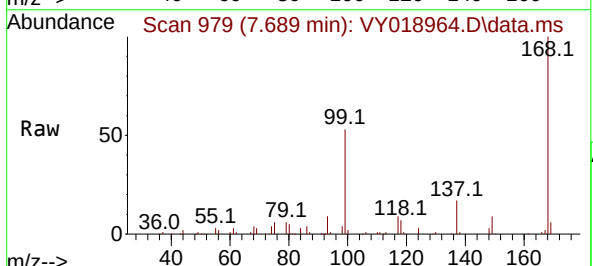
RT: 7.689 min Scan# 979

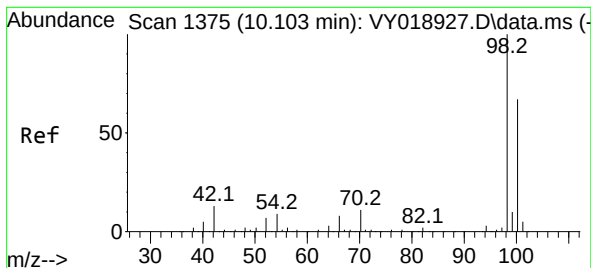
Delta R.T. -0.116 min

Lab File: VY018964.D

Acq: 09 Aug 2024 13:57

Tgt Ion: 117	Resp: 7218
Ion Ratio	Lower Upper
117	100
119	6.8 75.8 113.6#
121	0.0 24.0 36.0#





#50

Toluene-d8

Concen: 51.823 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018964.D

Acq: 09 Aug 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

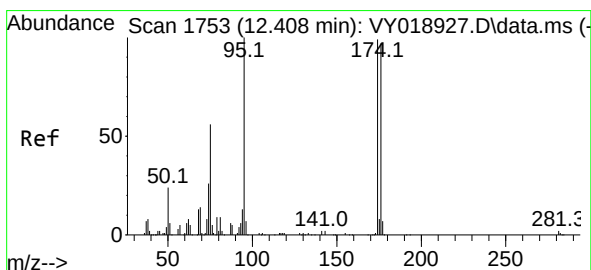
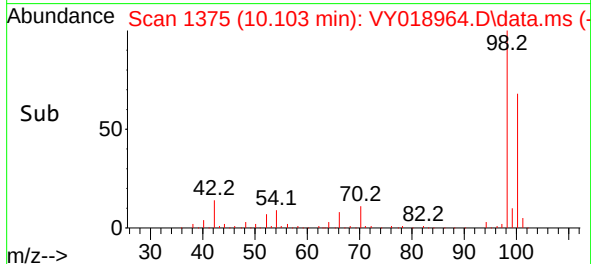
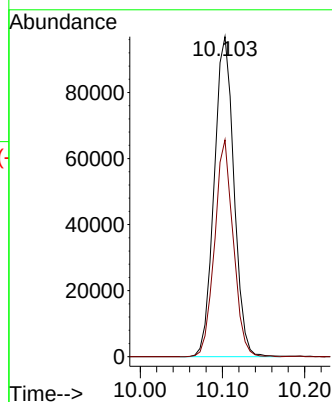
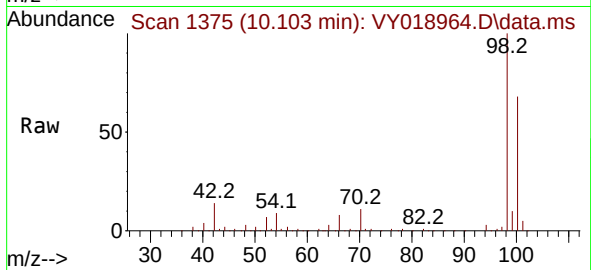
OU4-TS-03-080724RE

Tgt Ion: 98 Resp: 161574

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 31.579 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY018964.D

Acq: 09 Aug 2024 13:57

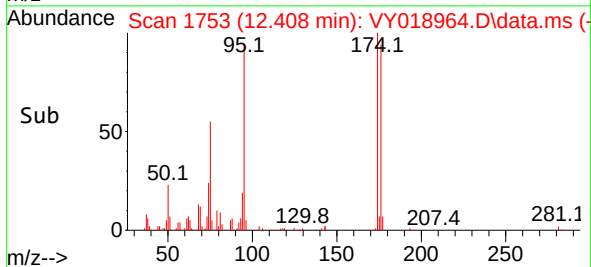
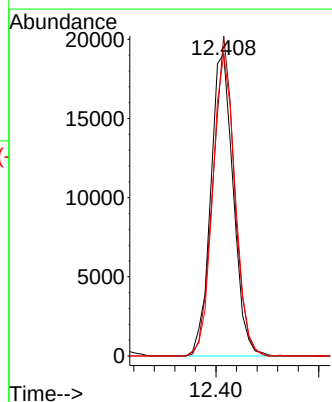
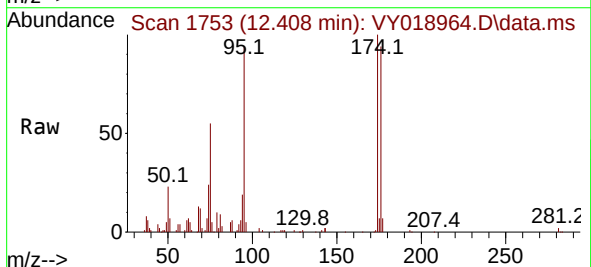
Tgt Ion: 95 Resp: 29210

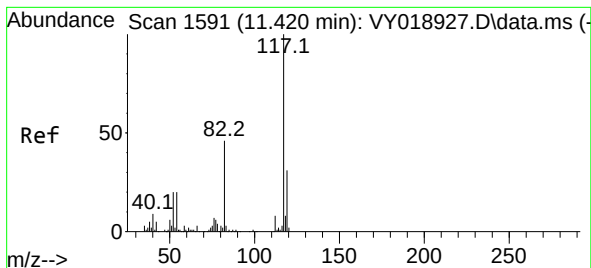
Ion Ratio Lower Upper

95 100

174 99.6 0.0 175.6

176 98.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018964.D

Acq: 09 Aug 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-03-080724RE

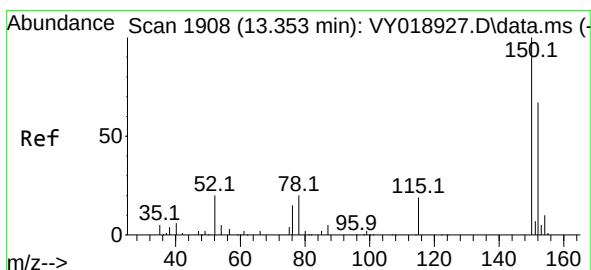
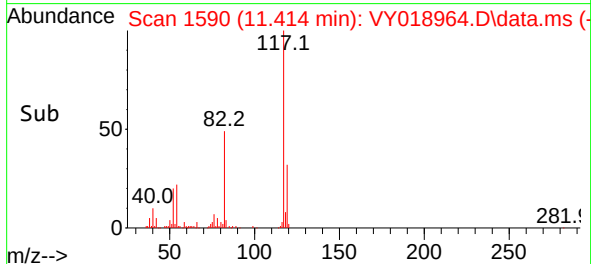
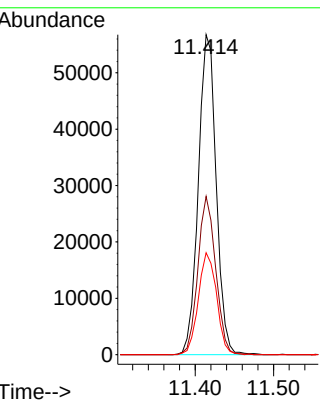
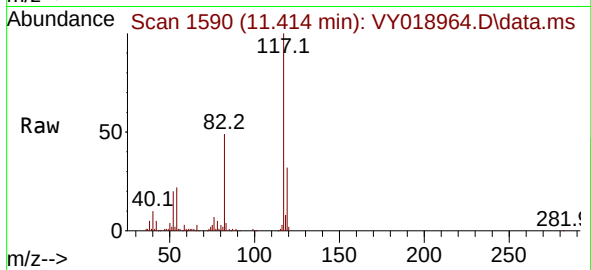
Tgt Ion:117 Resp: 89640

Ion Ratio Lower Upper

117 100

82 49.4 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY018964.D

Acq: 09 Aug 2024 13:57

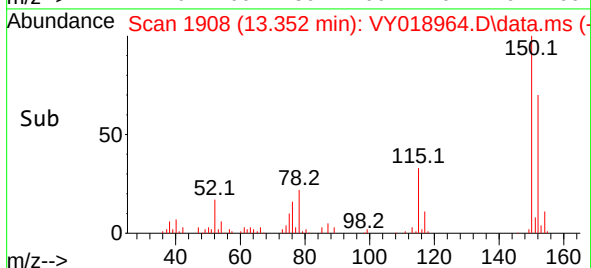
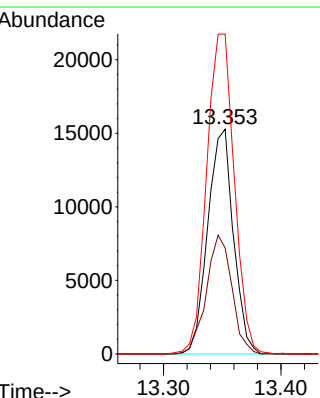
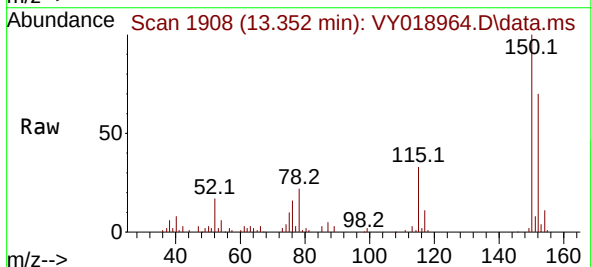
Tgt Ion:152 Resp: 23213

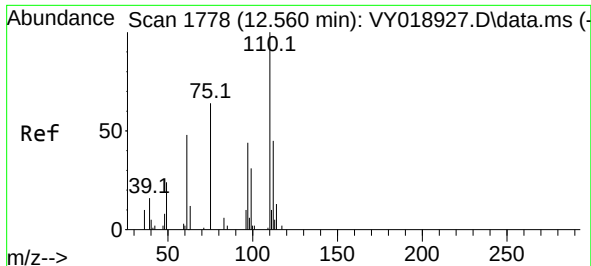
Ion Ratio Lower Upper

152 100

115 52.6 28.2 84.7

150 153.3 0.0 345.6

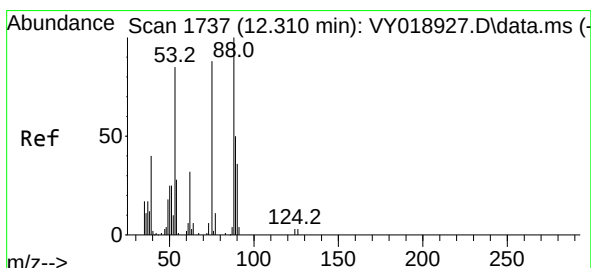
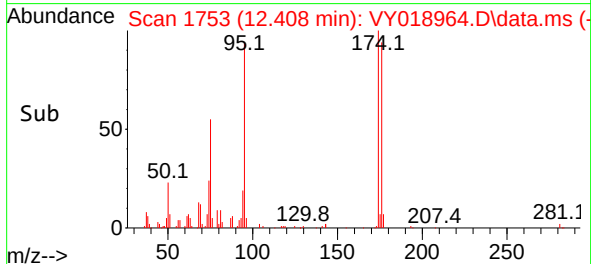
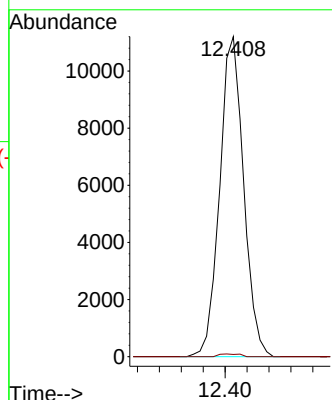
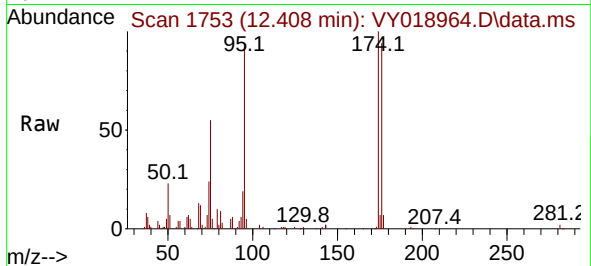




#76
1,2,3-Trichloropropane
Concen: 98.200 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY018964.D
Acq: 09 Aug 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-03-080724RE

Tgt Ion: 75 Resp: 16982
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 202.350 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY018964.D
Acq: 09 Aug 2024 13:57

Tgt Ion: 75 Resp: 16982
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

