

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018949.D
 Acq On : 09 Aug 2024 00:29
 Operator : SY/MD
 Sample : P3518-07
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-04-080724

Quant Time: Aug 09 05:14:40 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

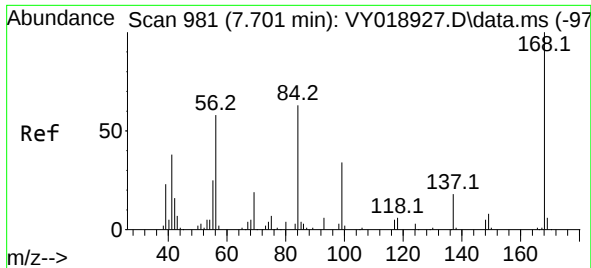
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	79490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	121515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	87419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	24095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	30591	43.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.660%
35) Dibromofluoromethane	7.628	113	36519	47.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.100%
50) Toluene-d8	10.103	98	136560	45.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.408	95	25991	29.388	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	24	Below Cal	#	43
11) Tert butyl alcohol	4.830	59	29	Below Cal	#	88
16) Acetone	3.860	43	292	14.063	ug/l #	36
20) Methylene Chloride	4.610	84	1679	Below Cal	#	71
31) Cyclohexane	7.707	56	1855	Below Cal	#	68
36) 1,1-Dichloropropene	7.695	75	5962	5.723	ug/l #	45
38) Carbon Tetrachloride	7.695	117	7352	6.155	ug/l #	17
41) Methacrylonitrile	7.189	41	22	Below Cal	#	15
49) 1,4-Dioxane	9.189	88	19	3.591	ug/l #	20
51) 4-Methyl-2-Pentanone	10.103	43	799	1.600	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	14883	82.912	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	14883	170.847	ug/l #	16

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

Quant Time: Aug 09 05:14:40 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

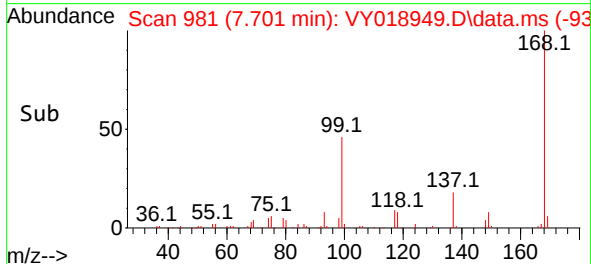
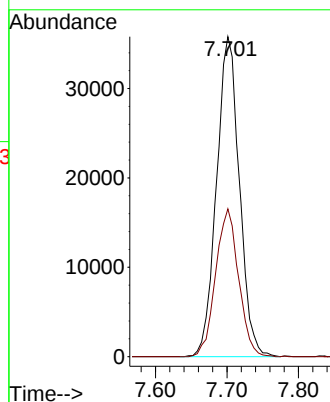
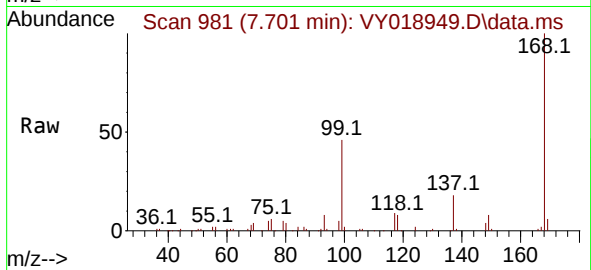




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018949.D
Acq: 09 Aug 2024 00:29

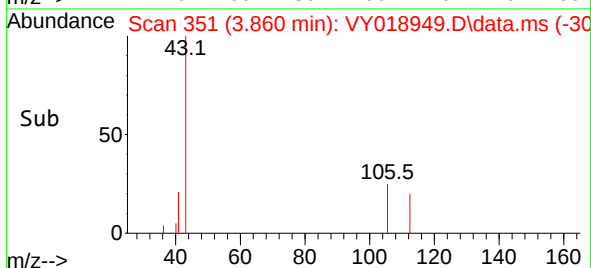
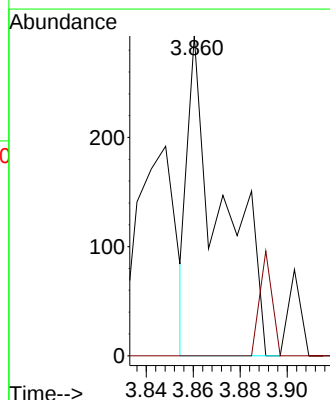
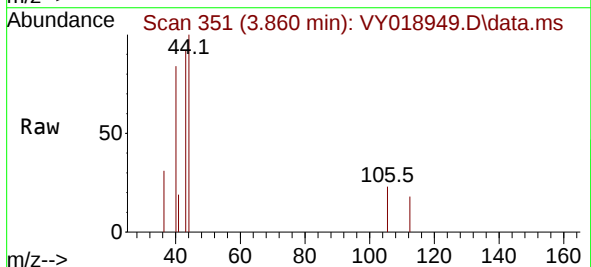
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-04-080724

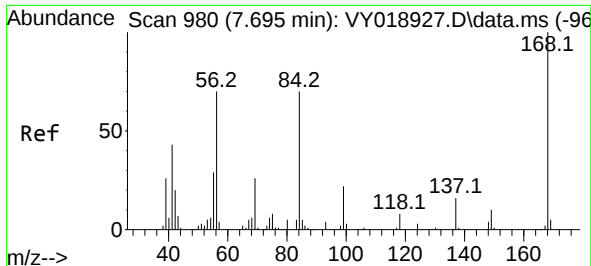
Tgt Ion:168 Resp: 79490
Ion Ratio Lower Upper
168 100
99 46.2 39.1 58.7



#16
Acetone
Concen: 14.063 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY018949.D
Acq: 09 Aug 2024 00:29

Tgt Ion: 43 Resp: 292
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

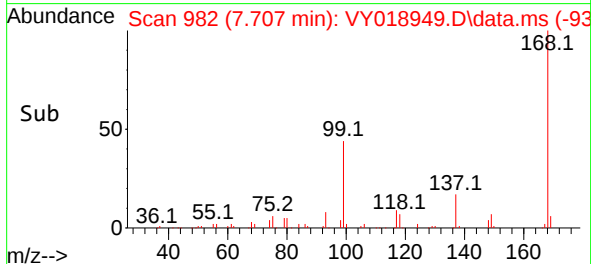
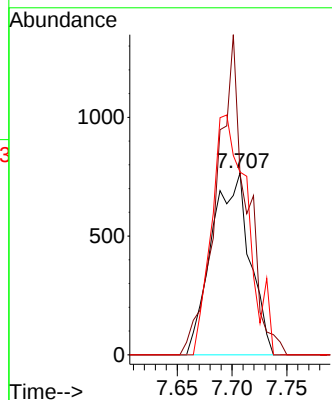
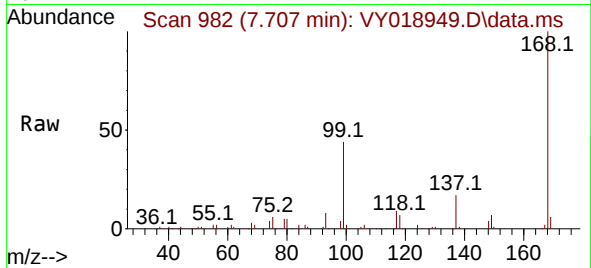




#31
Cyclohexane
Concen: Below Cal
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018949.D
Acq: 09 Aug 2024 00:29

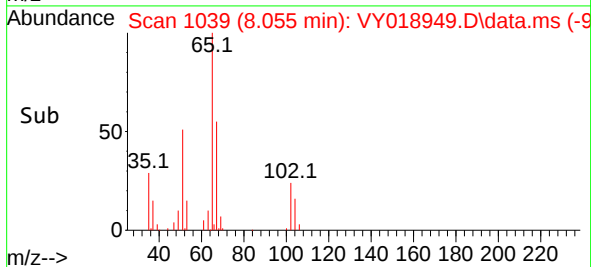
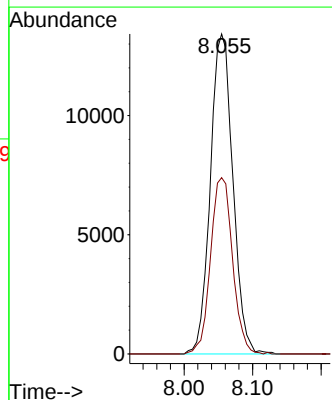
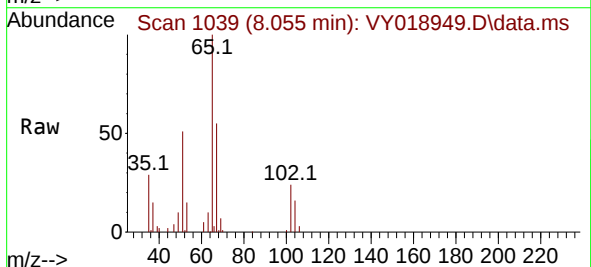
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-04-080724

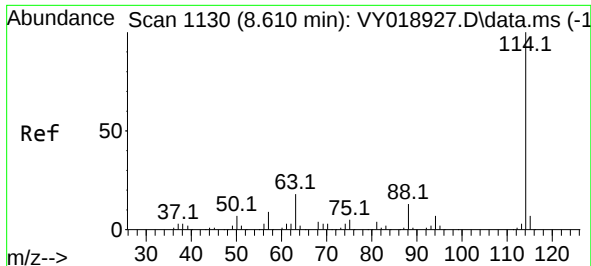
Tgt Ion: 56 Resp: 1855
Ion Ratio Lower Upper
56 100
69 99.3 28.7 43.1#
84 100.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 43.832 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018949.D
Acq: 09 Aug 2024 00:29

Tgt Ion: 65 Resp: 30591
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018949.D

Acq: 09 Aug 2024 00:29

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-04-080724

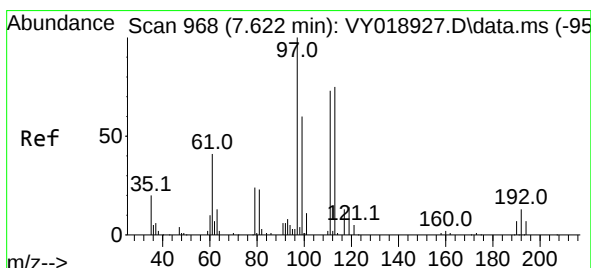
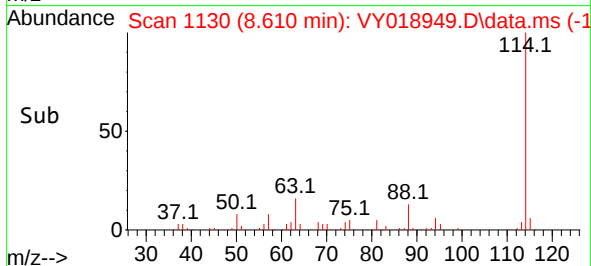
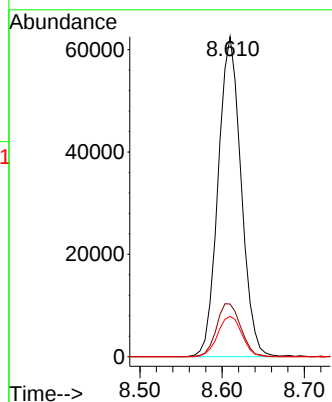
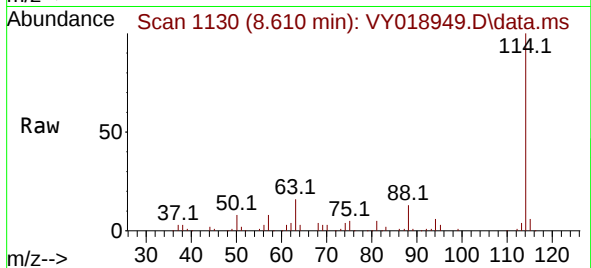
Tgt Ion:114 Resp: 121515

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 12.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.054 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY018949.D

Acq: 09 Aug 2024 00:29

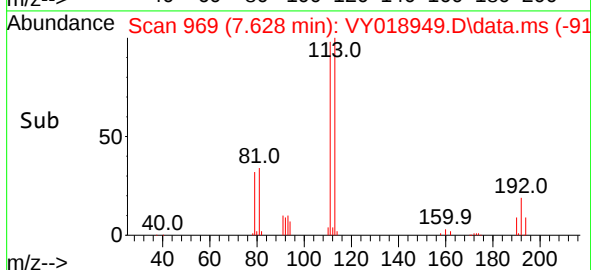
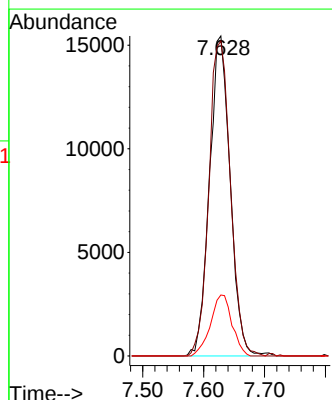
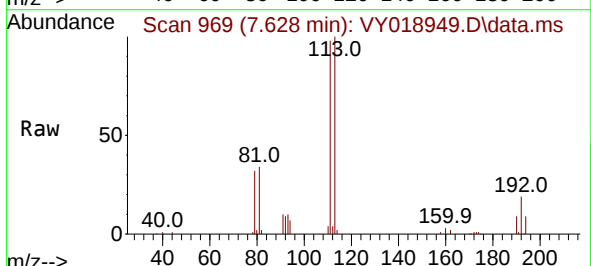
Tgt Ion:113 Resp: 36519

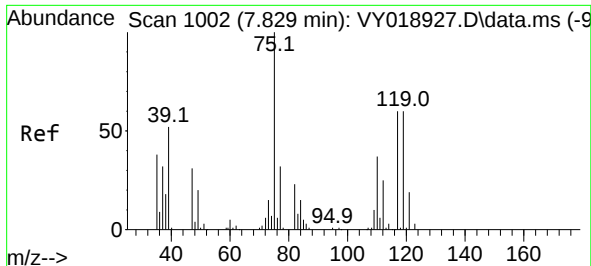
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 19.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.723 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY018949.D

Acq: 09 Aug 2024 00:29

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-04-080724

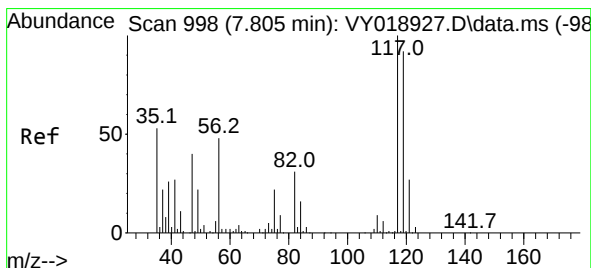
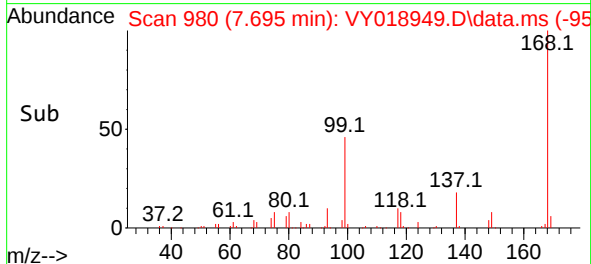
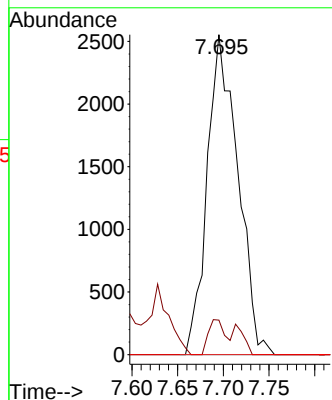
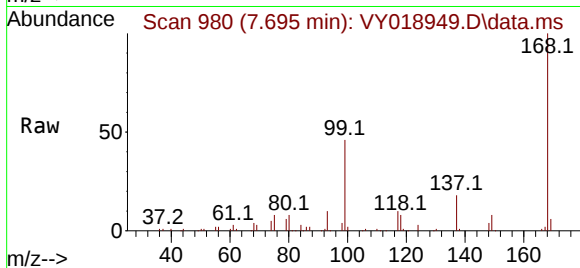
Tgt Ion: 75 Resp: 5962

Ion Ratio Lower Upper

75 100

110 6.1 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.155 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY018949.D

Acq: 09 Aug 2024 00:29

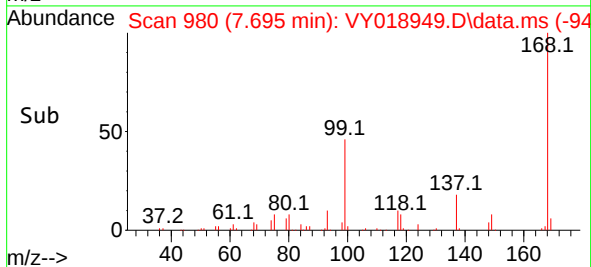
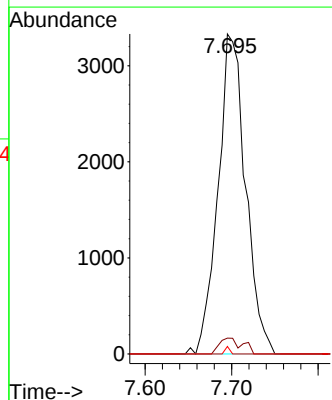
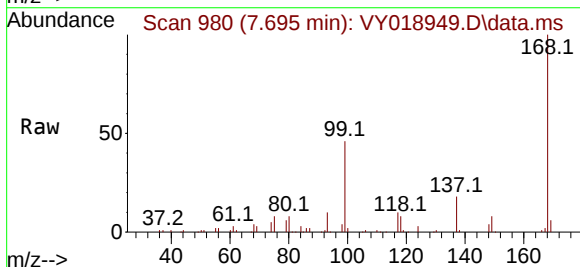
Tgt Ion: 117 Resp: 7352

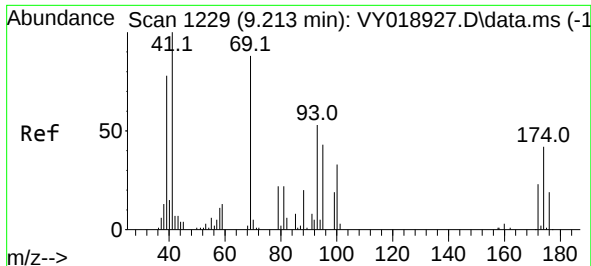
Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.6#

121 2.4 24.0 36.0#





#49

1,4-Dioxane

Concen: 3.591 ug/l

RT: 9.189 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY018949.D

Acq: 09 Aug 2024 00:29

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-04-080724

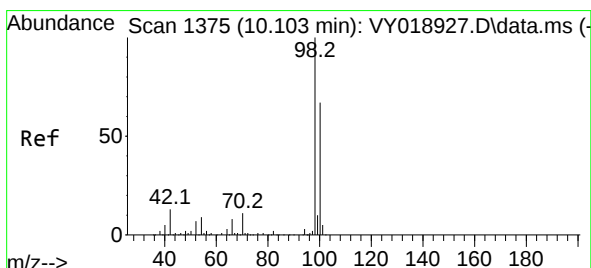
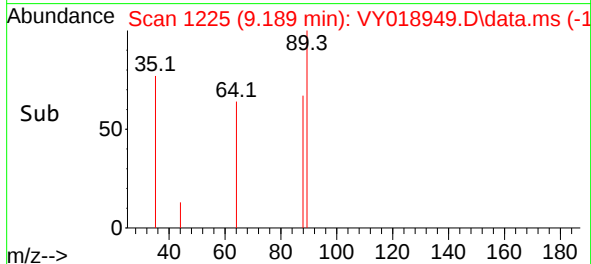
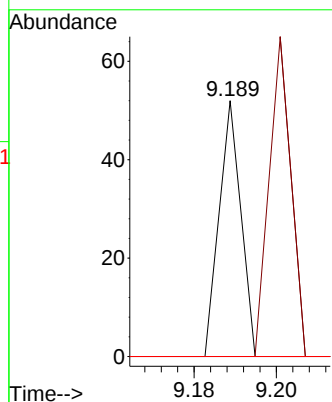
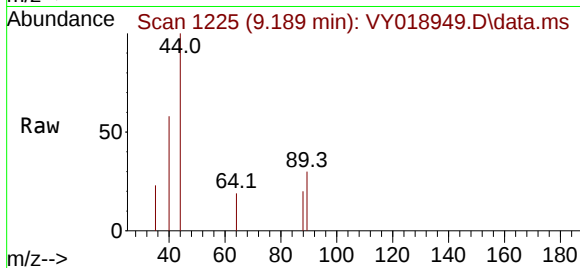
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 126.3 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 45.810 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY018949.D

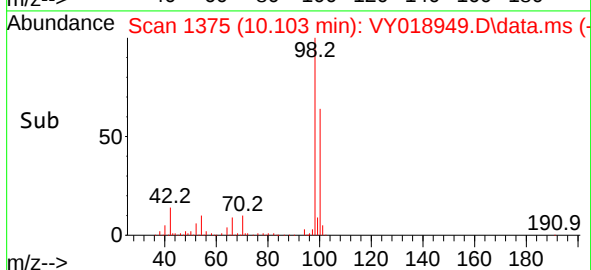
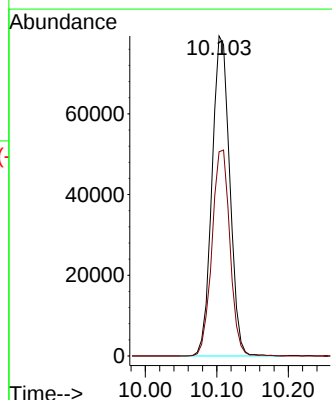
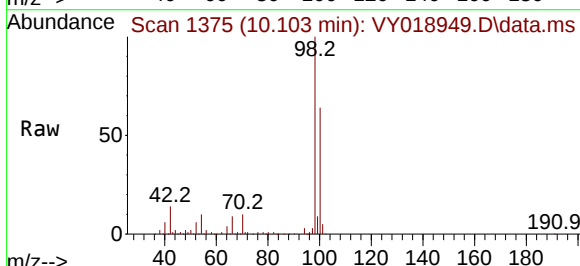
Acq: 09 Aug 2024 00:29

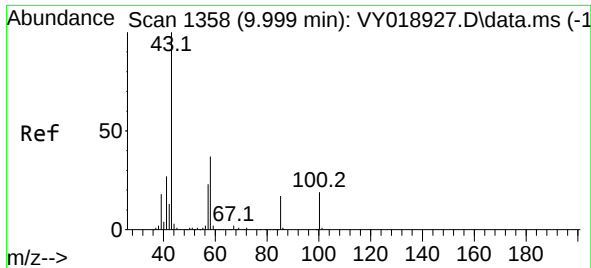
Tgt Ion: 98 Resp: 136560

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.600 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.104 min

Lab File: VY018949.D

Acq: 09 Aug 2024 00:29

Instrument :

MSVOA_Y

ClientSampleId :

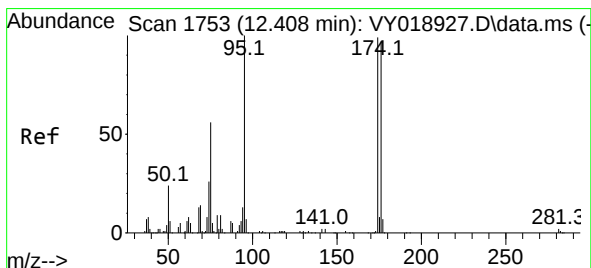
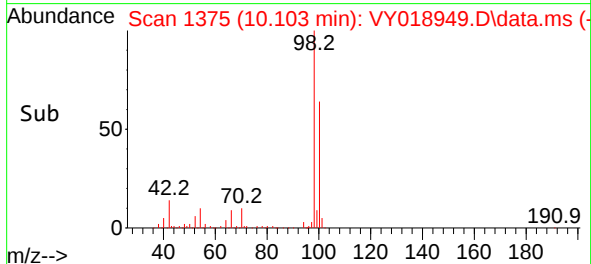
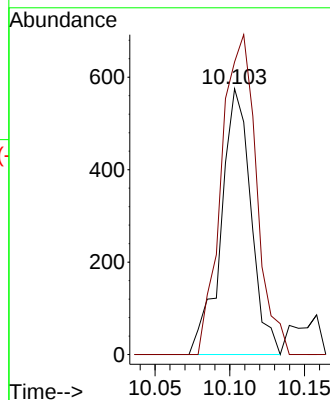
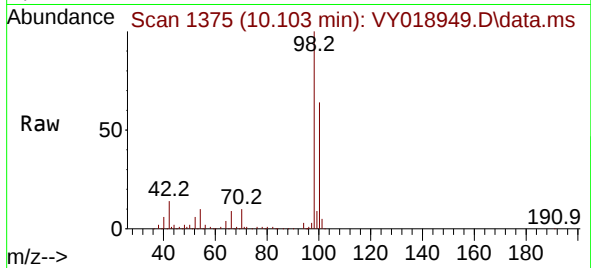
OU4-TS-04-080724

Tgt Ion: 43 Resp: 799

Ion Ratio Lower Upper

43 100

58 141.1 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 29.388 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY018949.D

Acq: 09 Aug 2024 00:29

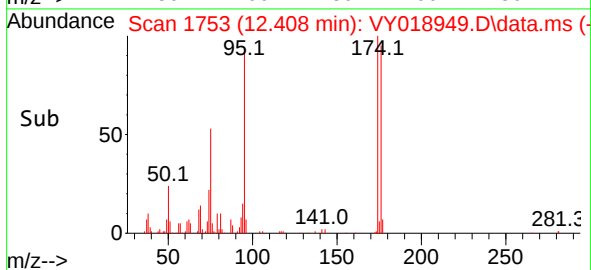
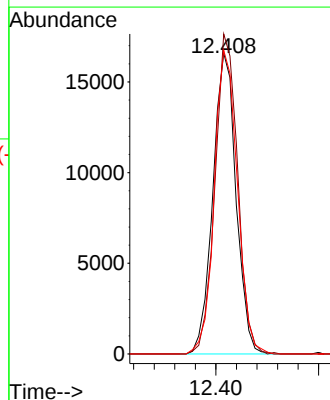
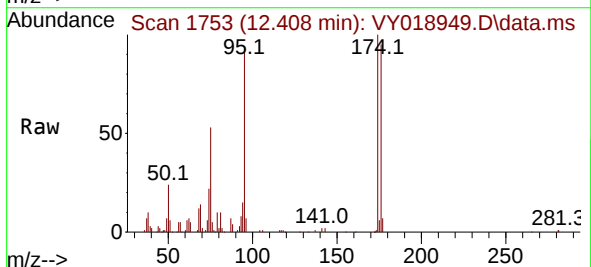
Tgt Ion: 95 Resp: 25991

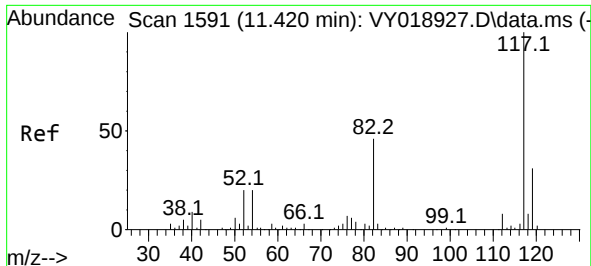
Ion Ratio Lower Upper

95 100

174 103.6 0.0 175.6

176 100.7 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: VY018949.D

Acq: 09 Aug 2024 00:29

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-04-080724

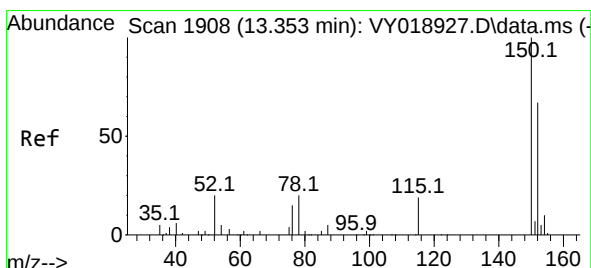
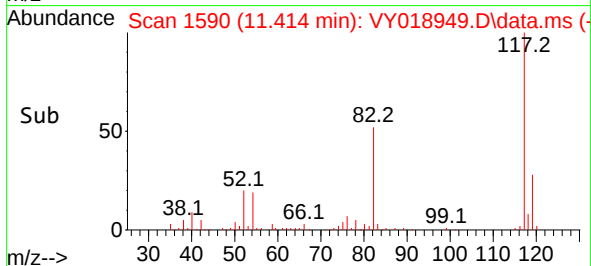
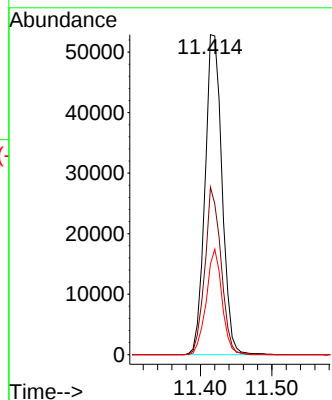
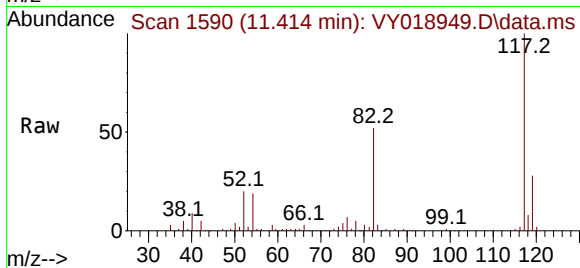
Tgt Ion:117 Resp: 87419

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 28.3 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: VY018949.D

Acq: 09 Aug 2024 00:29

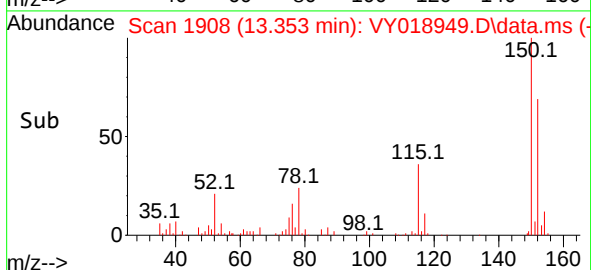
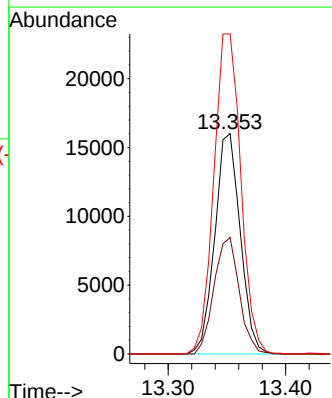
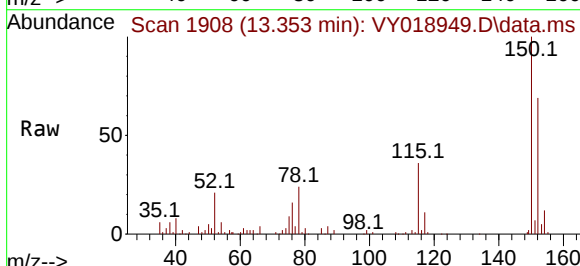
Tgt Ion:152 Resp: 24095

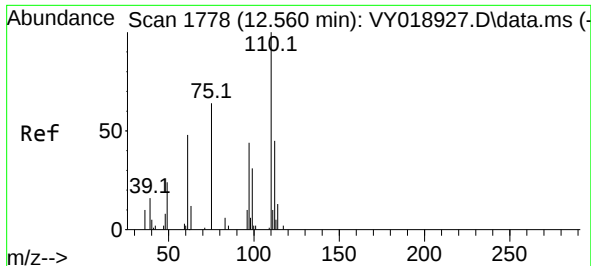
Ion Ratio Lower Upper

152 100

115 52.6 28.2 84.7

150 153.9 0.0 345.6

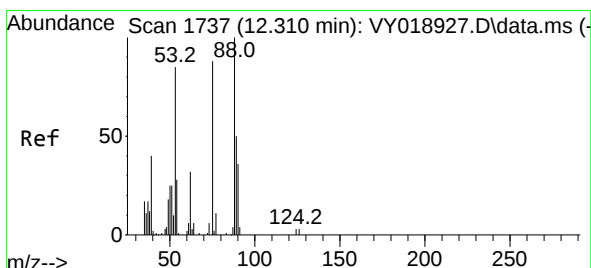
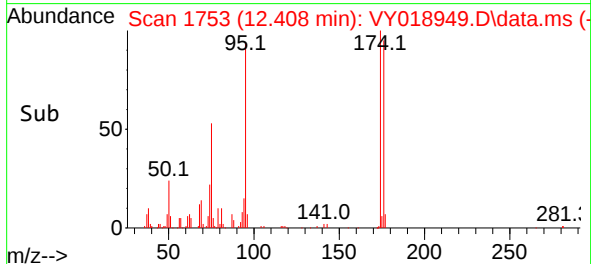
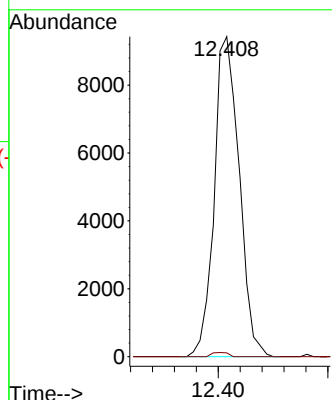
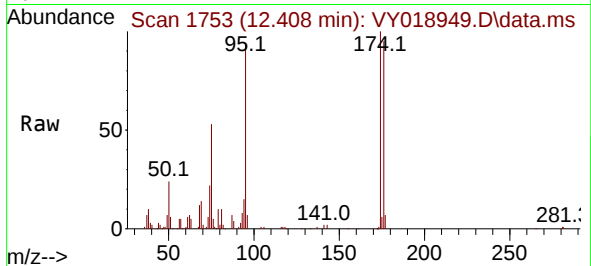




#76
1,2,3-Trichloropropane
Concen: 82.912 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY018949.D
Acq: 09 Aug 2024 00:29

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-04-080724

Tgt Ion: 75 Resp: 14883
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 170.847 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY018949.D
Acq: 09 Aug 2024 00:29

Tgt Ion: 75 Resp: 14883
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

