

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019180.D
 Acq On : 21 Aug 2024 19:31
 Operator : SY/MD
 Sample : P3643-09RE
 Misc : 7.80g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 924-K1-SD-0-0.5-081524RE

Quant Time: Aug 22 01:18:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

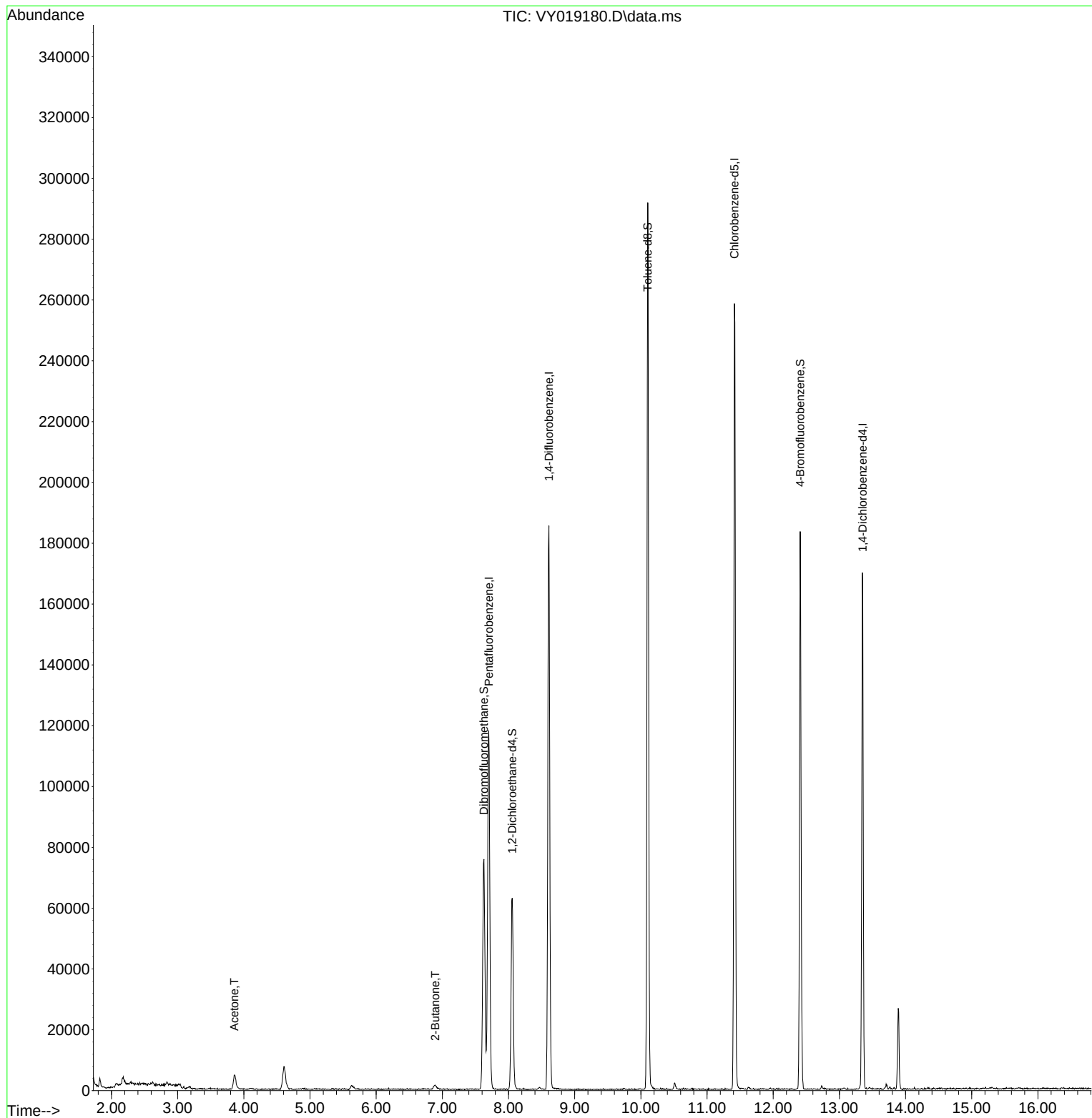
Internal Standards						
1) Pentafluorobenzene	7.701	168	94625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	161918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	139887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	42383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	49112	51.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.560%
35) Dibromofluoromethane	7.628	113	53889	50.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.800%
50) Toluene-d8	10.103	98	183945	48.280	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.560%
62) 4-Bromofluorobenzene	12.408	95	49497	38.110	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	76.220%
Target Compounds						
					Qvalue	
16) Acetone	3.854	43	8619	48.997	ug/l #	71
25) 2-Butanone	6.890	43	2469	8.715	ug/l #	73

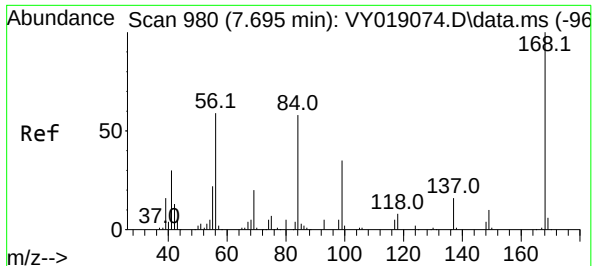
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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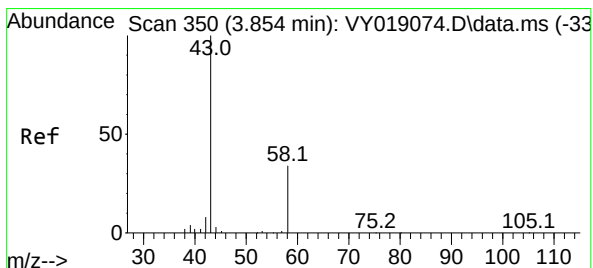
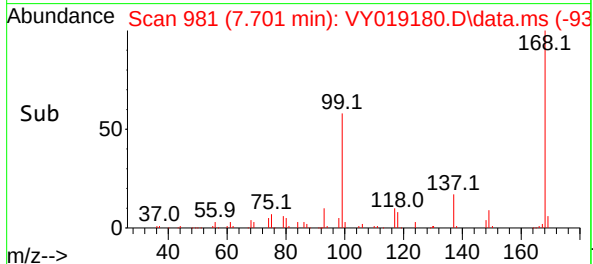
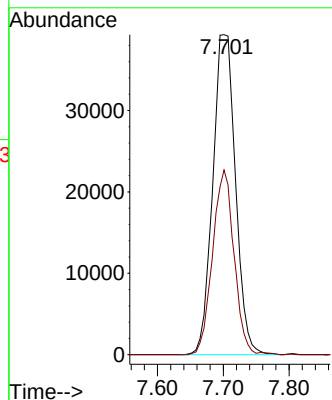
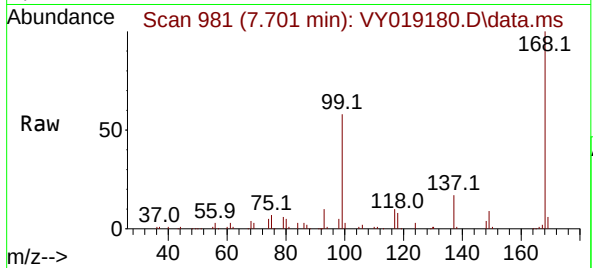




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019180.D
Acq: 21 Aug 2024 19:31

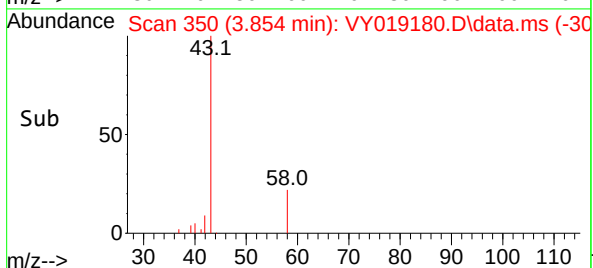
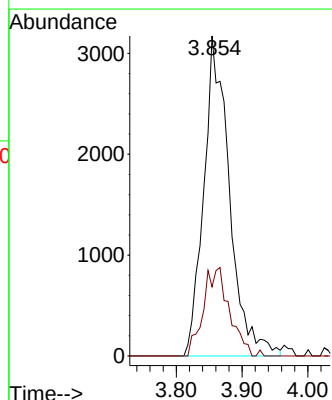
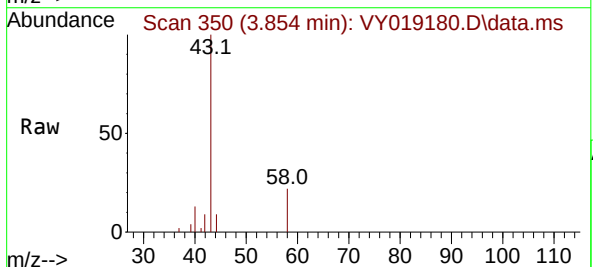
Instrument :
MSVOA_Y
ClientSampleId :
924-K1-SD-0-0.5-081524RE

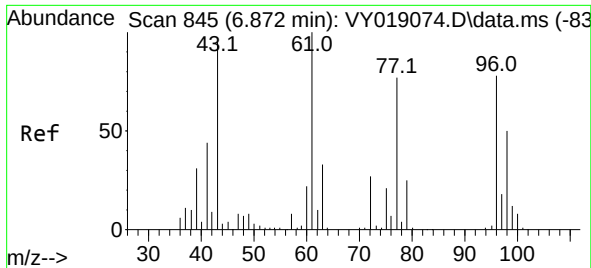
Tgt Ion:168 Resp: 94625
Ion Ratio Lower Upper
168 100
99 57.7 39.1 58.7



#16
Acetone
Concen: 48.997 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019180.D
Acq: 21 Aug 2024 19:31

Tgt Ion: 43 Resp: 8619
Ion Ratio Lower Upper
43 100
58 21.6 31.7 47.5#

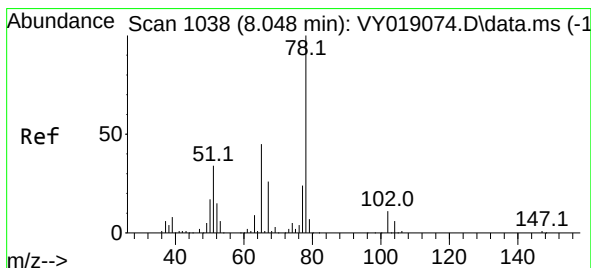
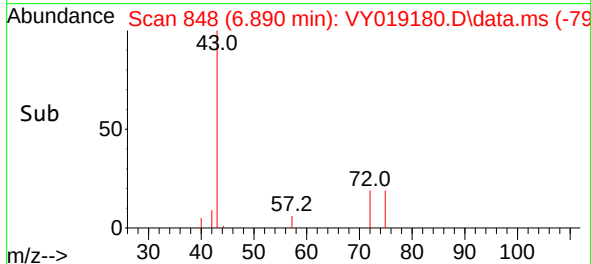
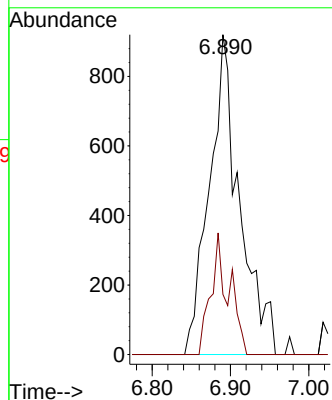
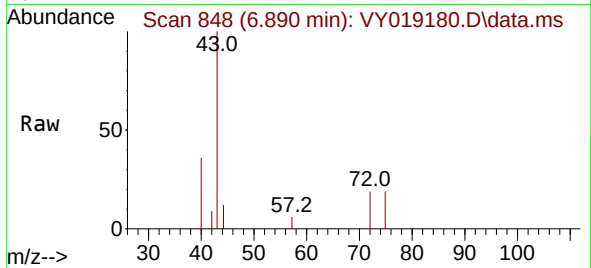




#25
2-Butanone
Concen: 8.715 ug/l
RT: 6.890 min Scan# 845
Delta R.T. 0.019 min
Lab File: VY019180.D
Acq: 21 Aug 2024 19:31

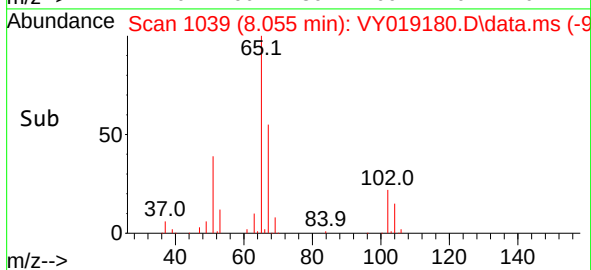
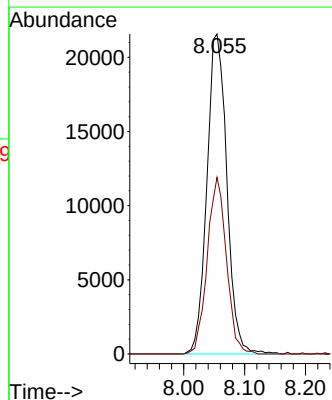
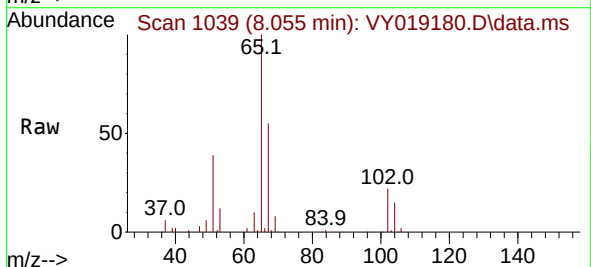
Instrument :
MSVOA_Y
ClientSampleId :
924-K1-SD-0-0.5-081524RE

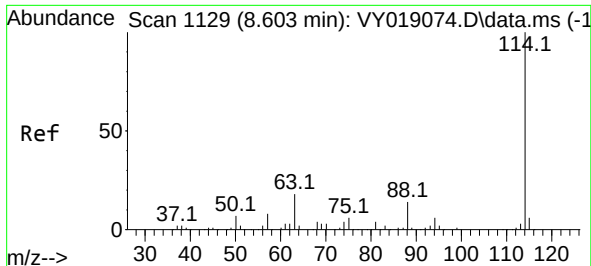
Tgt Ion: 43 Resp: 2469
Ion Ratio Lower Upper
43 100
72 18.8 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 51.776 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019180.D
Acq: 21 Aug 2024 19:31

Tgt Ion: 65 Resp: 49112
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# 1129

Delta R.T. 0.006 min

Lab File: VY019180.D

Acq: 21 Aug 2024 19:31

Instrument :

MSVOA_Y

ClientSampleId :

924-K1-SD-0-0.5-081524RE

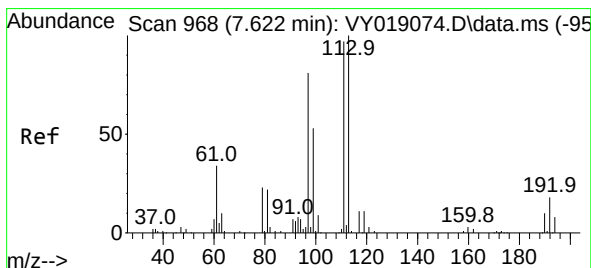
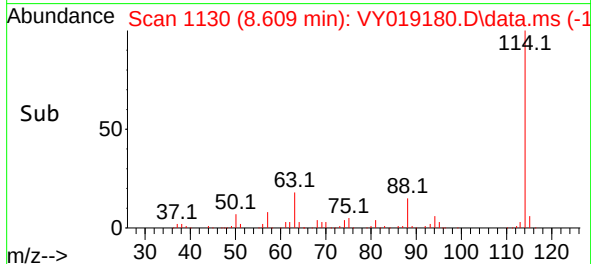
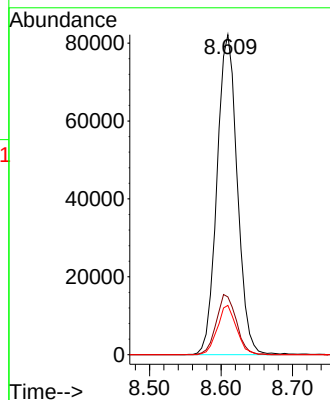
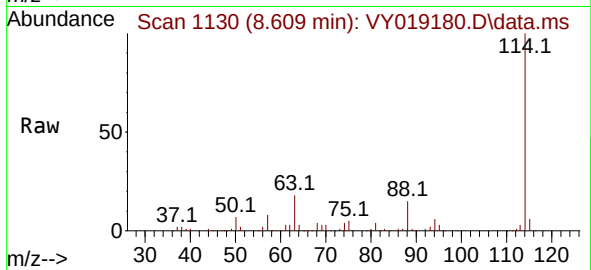
Tgt Ion:114 Resp: 161918

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.900 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019180.D

Acq: 21 Aug 2024 19:31

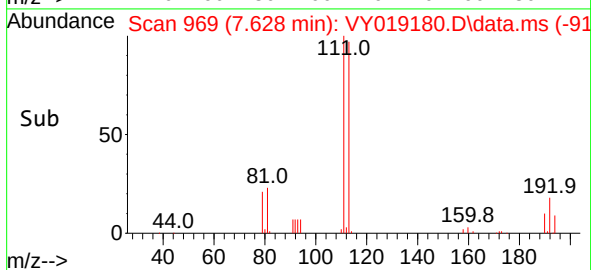
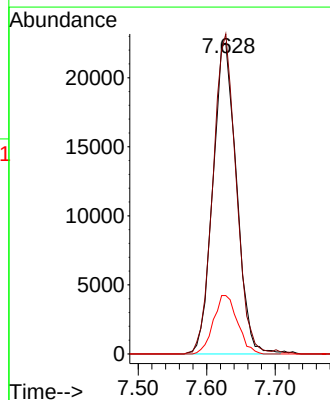
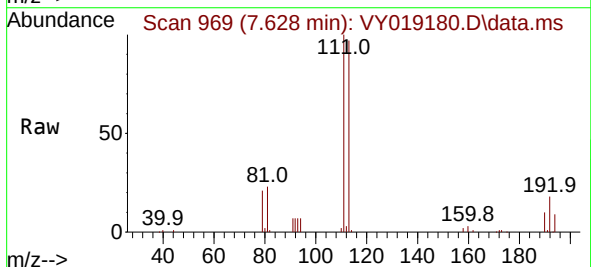
Tgt Ion:113 Resp: 53889

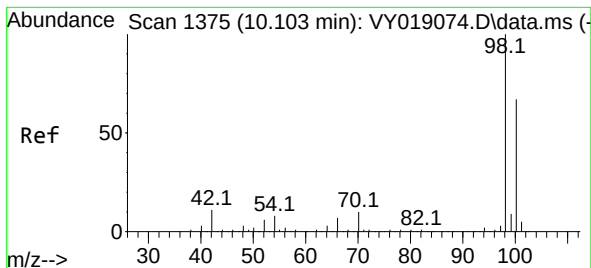
Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

192 19.2 15.9 23.9





#50

Toluene-d8

Concen: 48.280 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019180.D

Acq: 21 Aug 2024 19:31

Instrument :

MSVOA_Y

ClientSampleId :

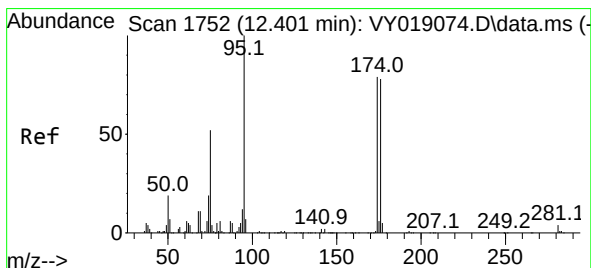
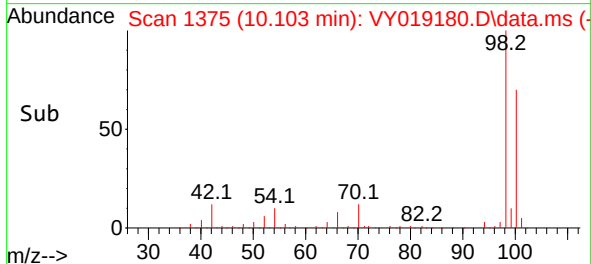
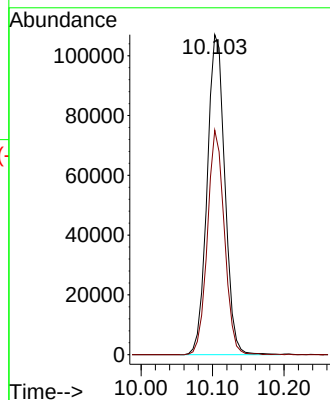
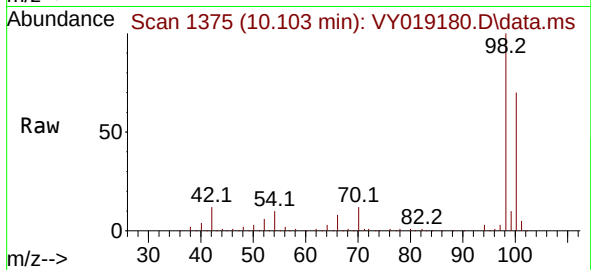
924-K1-SD-0-0.5-081524RE

Tgt Ion: 98 Resp: 183945

Ion Ratio Lower Upper

98 100

100 67.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 38.110 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019180.D

Acq: 21 Aug 2024 19:31

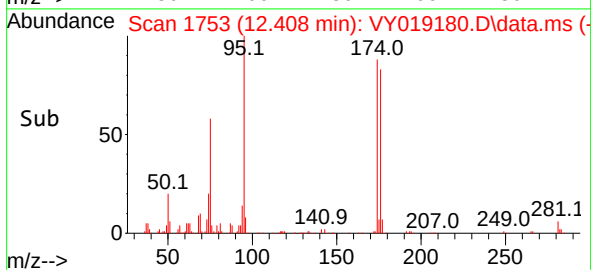
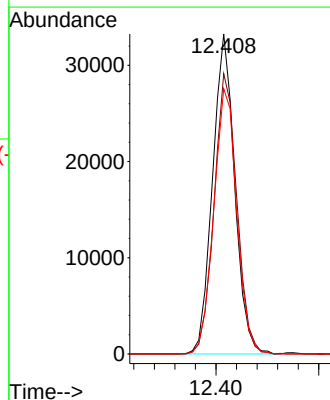
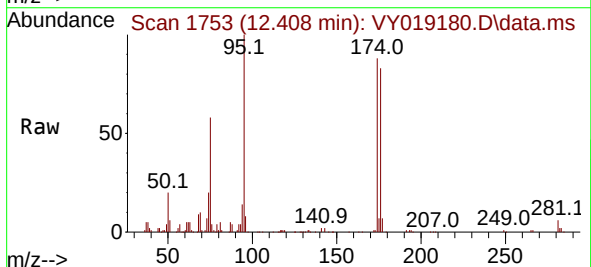
Tgt Ion: 95 Resp: 49497

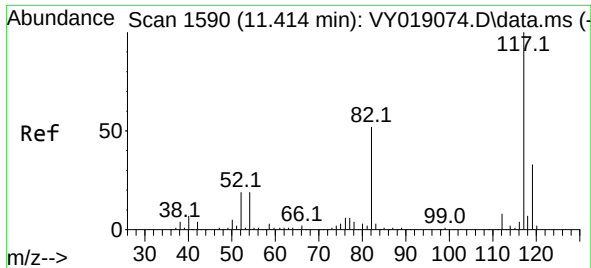
Ion Ratio Lower Upper

95 100

174 90.3 0.0 175.6

176 86.3 0.0 171.4

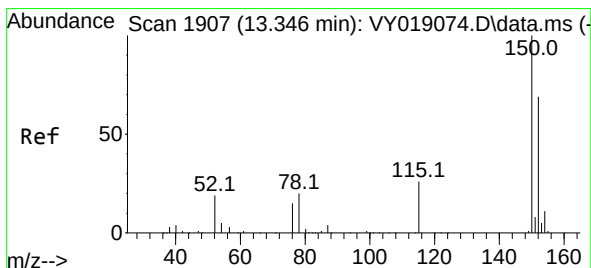
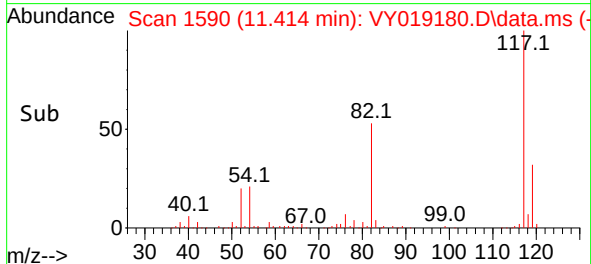
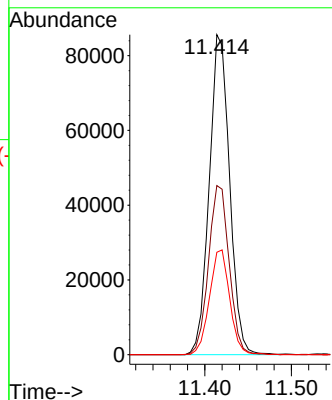
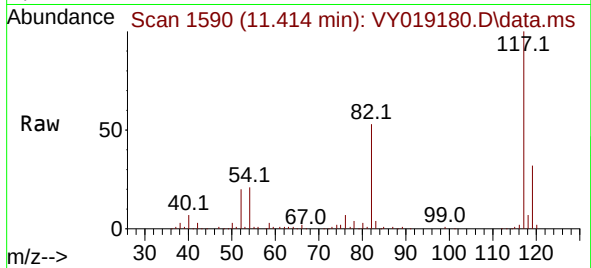




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019180.D
Acq: 21 Aug 2024 19:31

Instrument :
MSVOA_Y
ClientSampleId :
924-K1-SD-0-0.5-081524RE

Tgt Ion:117 Resp: 139887
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019180.D
Acq: 21 Aug 2024 19:31

Tgt Ion:152 Resp: 42383
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 157.7 0.0 345.6

