

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019173.D
 Acq On : 21 Aug 2024 16:42
 Operator : SY/MD
 Sample : P3641-09
 Misc : 8.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-910-K1-0.5-1.0-081524

Quant Time: Aug 22 01:15:44 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	104145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	177724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	165296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	59241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	57240	54.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.660%
35) Dibromofluoromethane	7.622	113	59379	51.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.200%
50) Toluene-d8	10.103	98	194593	46.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.060%
62) 4-Bromofluorobenzene	12.407	95	64201	45.035	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.060%

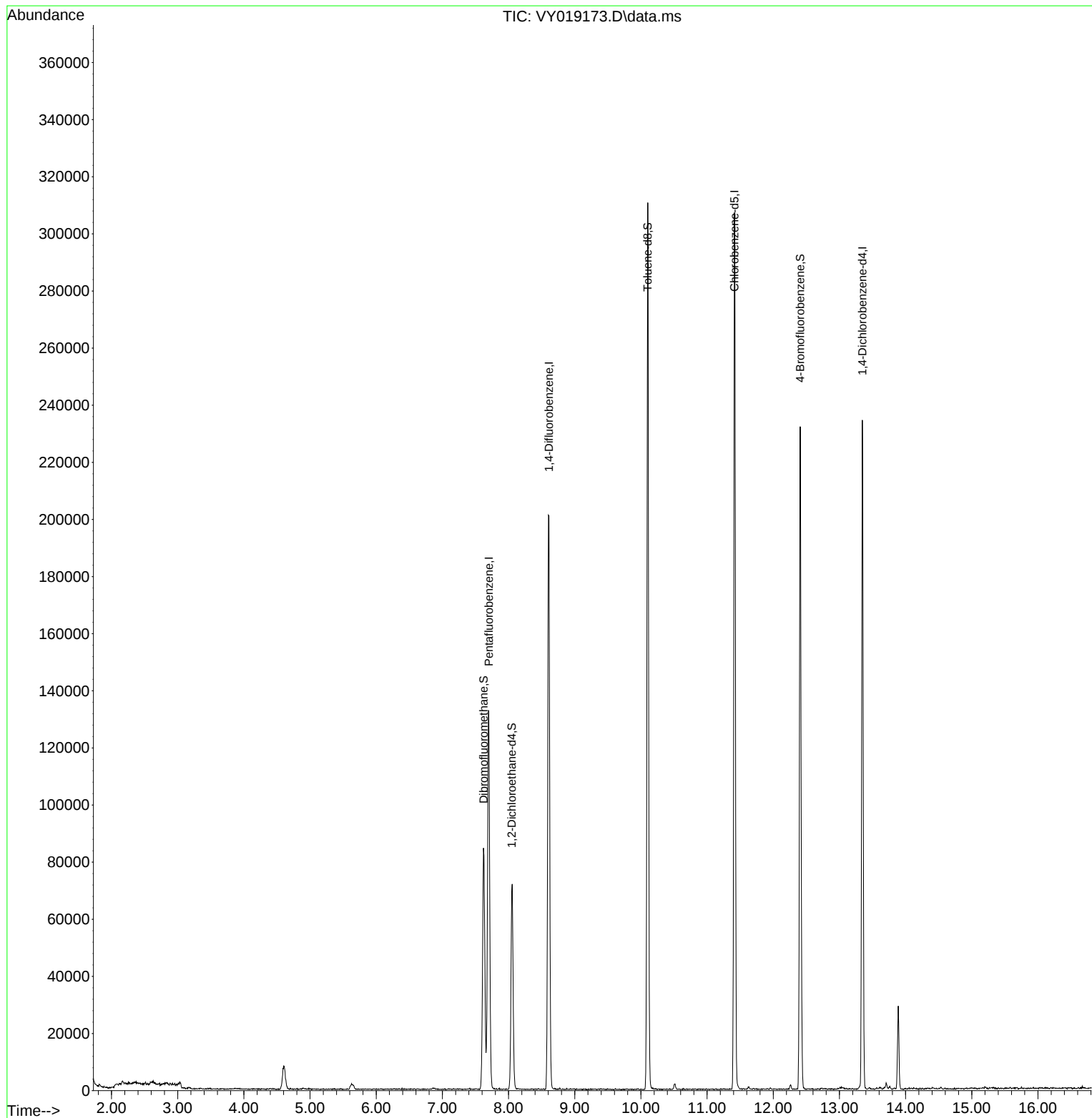
Target Compounds	Qvalue

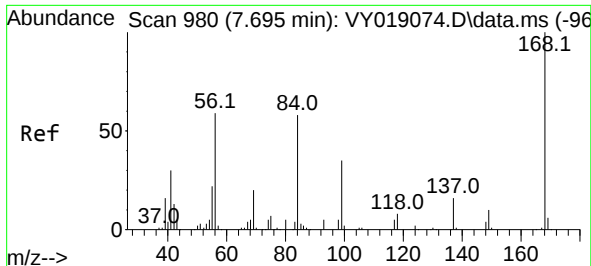
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
Data File : VY019173.D
Acq On : 21 Aug 2024 16:42
Operator : SY/MD
Sample : P3641-09
Misc : 8.30g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-910-K1-0.5-1.0-081524

Quant Time: Aug 22 01:15:44 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

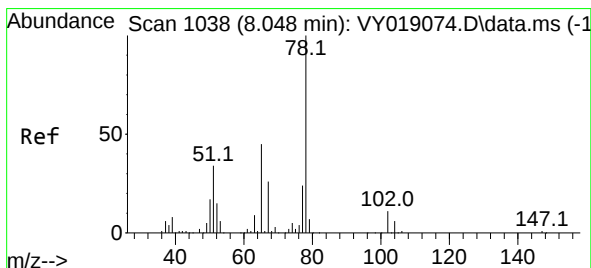
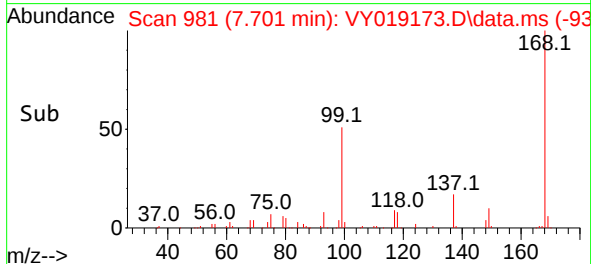
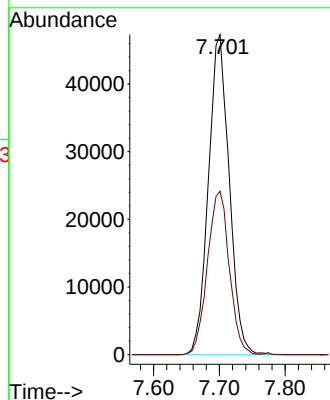
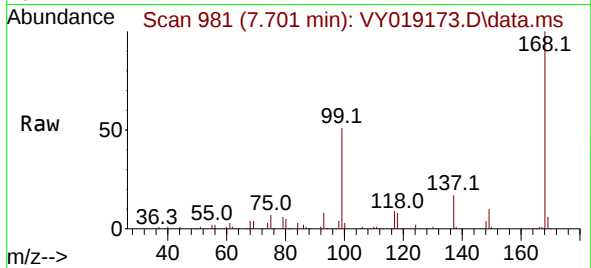




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019173.D
Acq: 21 Aug 2024 16:42

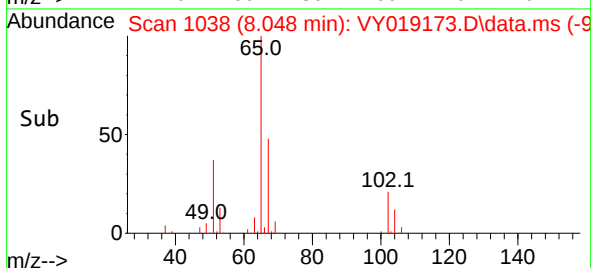
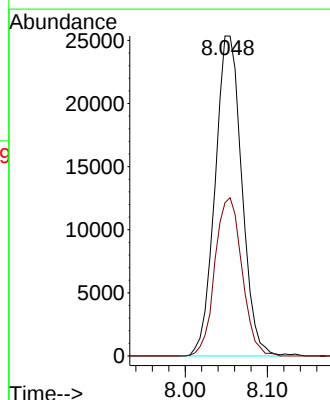
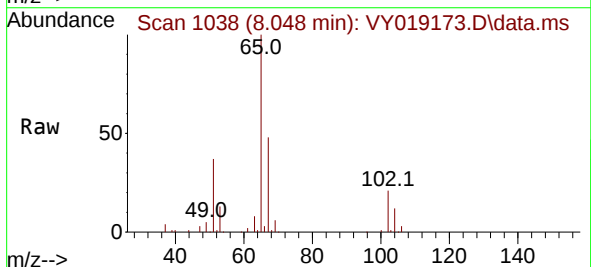
Instrument :
MSVOA_Y
ClientSampleId :
S-910-K1-0.5-1.0-081524

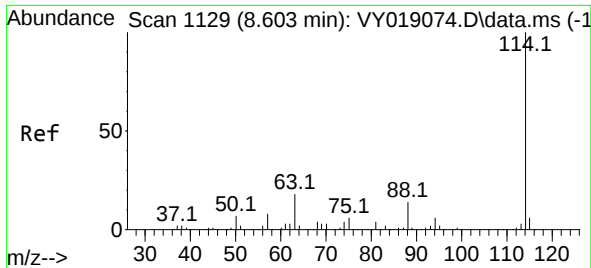
Tgt Ion:168 Resp: 104145
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.829 ug/l
RT: 8.048 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019173.D
Acq: 21 Aug 2024 16:42

Tgt Ion: 65 Resp: 57240
Ion Ratio Lower Upper
65 100
67 50.1 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: VY019173.D

Acq: 21 Aug 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

S-910-K1-0.5-1.0-081524

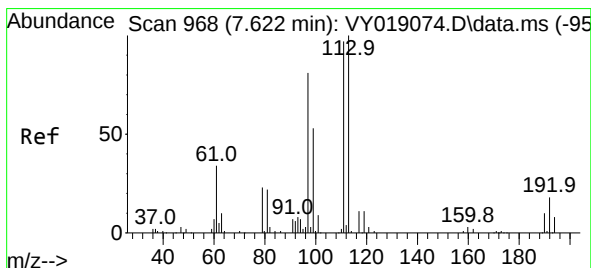
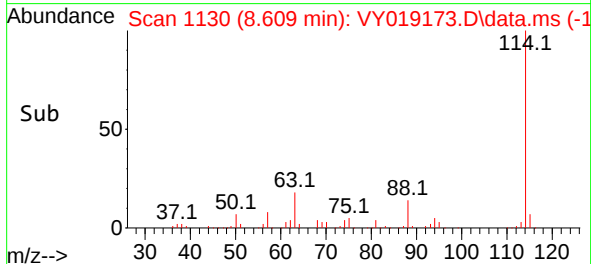
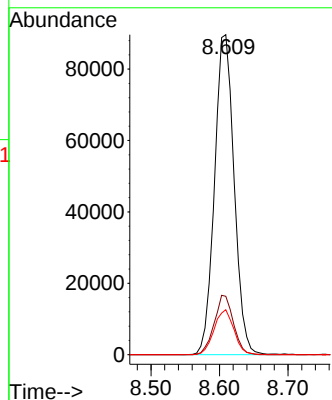
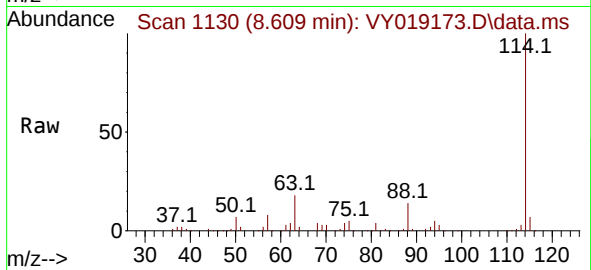
Tgt Ion:114 Resp: 177724

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.098 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019173.D

Acq: 21 Aug 2024 16:42

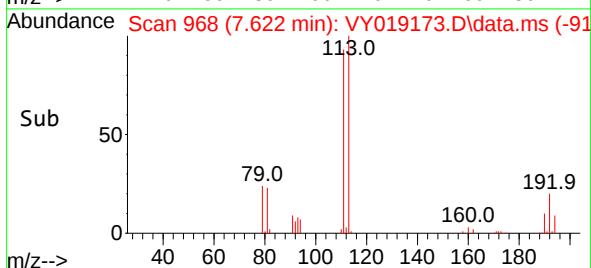
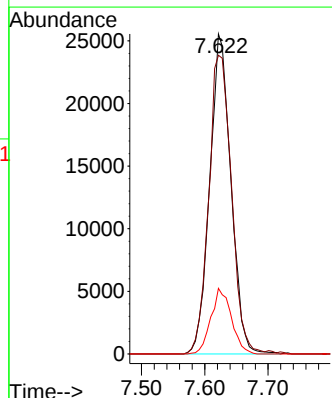
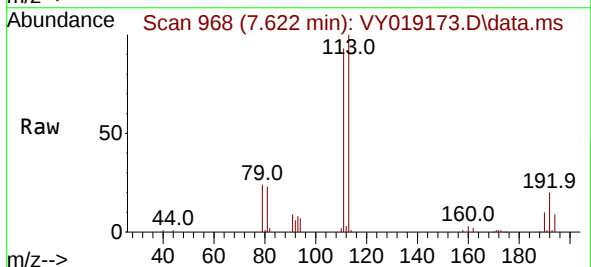
Tgt Ion:113 Resp: 59379

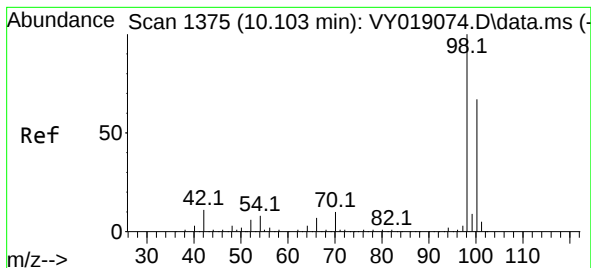
Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

192 19.8 15.9 23.9





#50

Toluene-d8

Concen: 46.532 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019173.D

Acq: 21 Aug 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

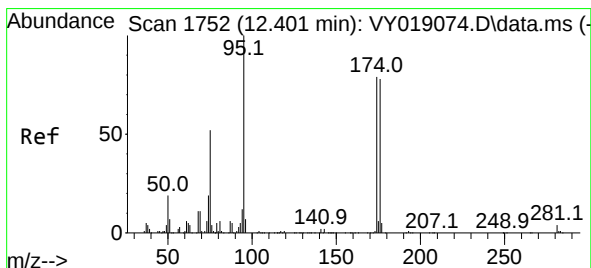
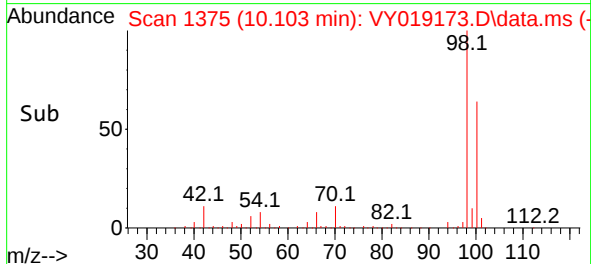
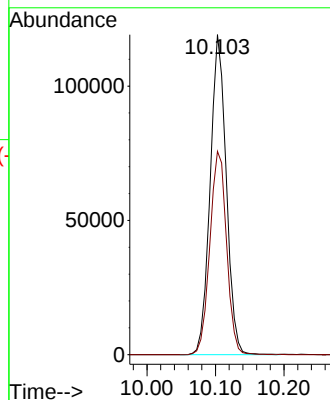
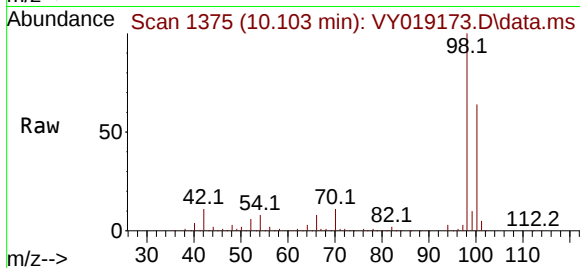
S-910-K1-0.5-1.0-081524

Tgt Ion: 98 Resp: 194593

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.035 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019173.D

Acq: 21 Aug 2024 16:42

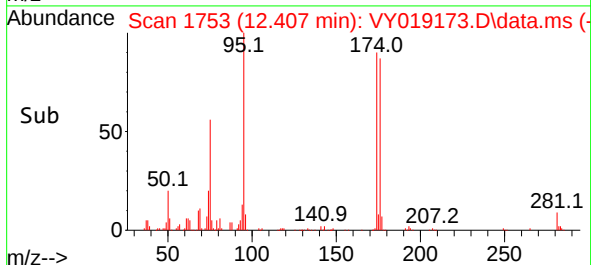
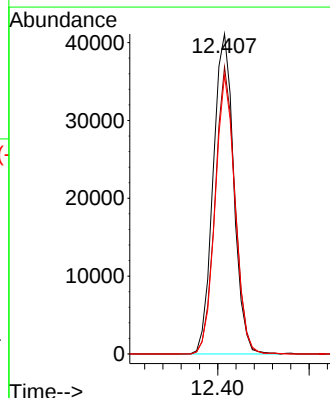
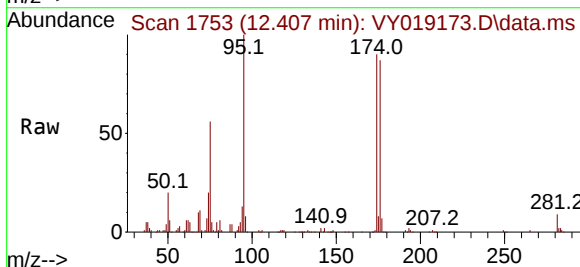
Tgt Ion: 95 Resp: 64201

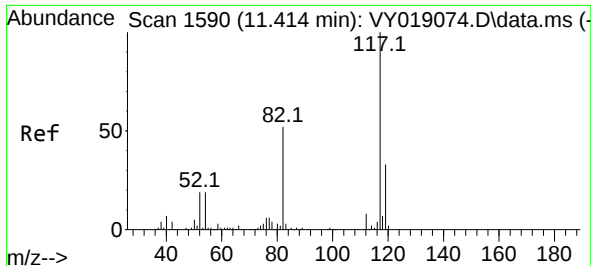
Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.6

176 84.1 0.0 171.4

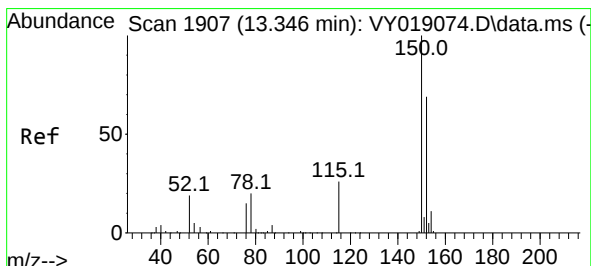
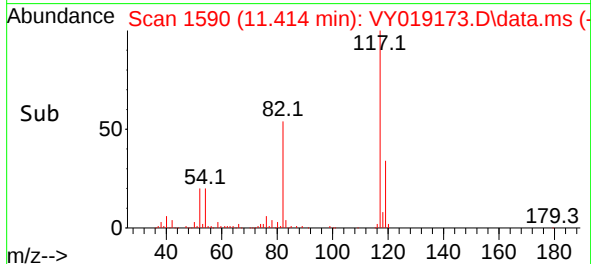
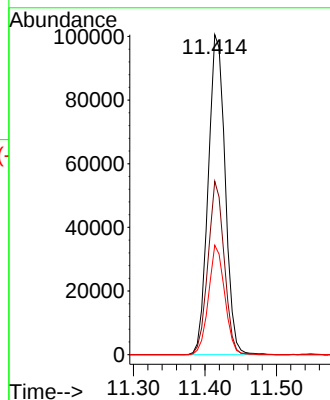
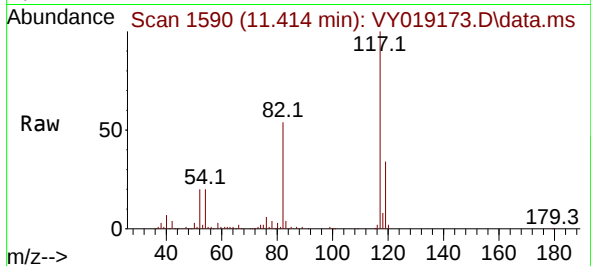




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019173.D
Acq: 21 Aug 2024 16:42

Instrument :
MSVOA_Y
ClientSampleId :
S-910-K1-0.5-1.0-081524

Tgt Ion:117 Resp: 165296
Ion Ratio Lower Upper
117 100
82 54.2 42.4 63.6
119 34.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019173.D
Acq: 21 Aug 2024 16:42

Tgt Ion:152 Resp: 59241
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 158.6 0.0 345.6

