

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019152.D
 Acq On : 20 Aug 2024 15:40
 Operator : SY/MD
 Sample : P3643-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 917-J-SD-0-0.5-081524

Quant Time: Aug 21 01:30:44 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)

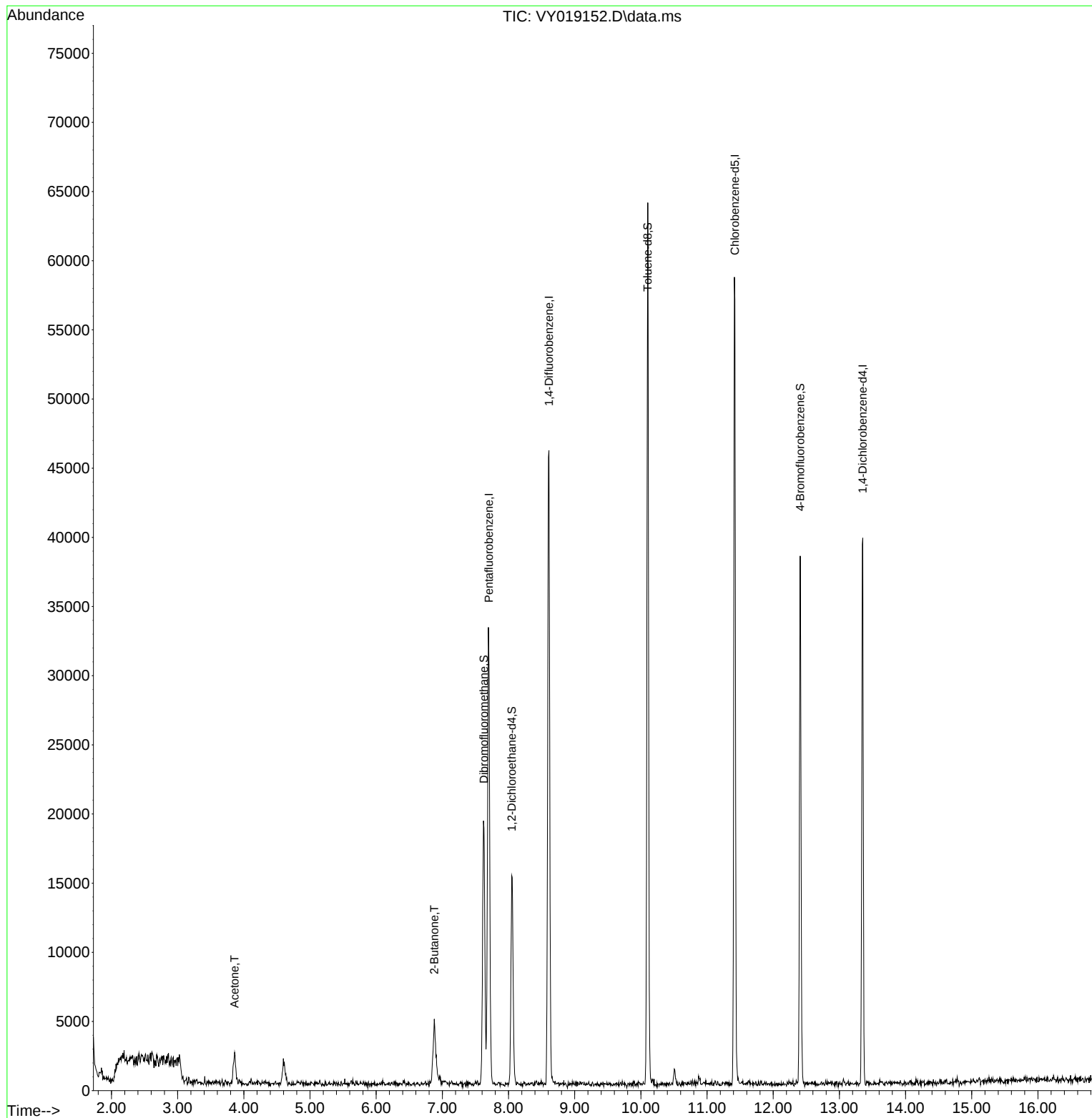
Internal Standards						
1) Pentafluorobenzene	7.701	168	26348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	41485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	32725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	10154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	11795	44.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.320%
35) Dibromofluoromethane	7.628	113	13973	51.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.103	98	40766	41.762	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.520%
62) 4-Bromofluorobenzene	12.408	95	11324	34.030	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.060%
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	3910	79.826	ug/l #	81
25) 2-Butanone	6.878	43	1315	16.670	ug/l #	79

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

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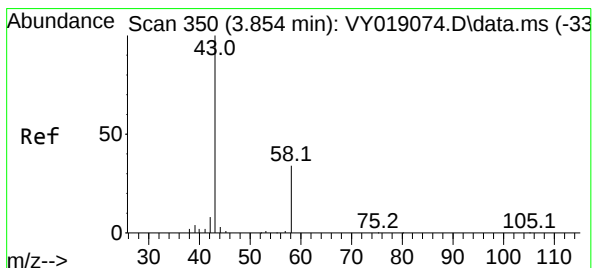
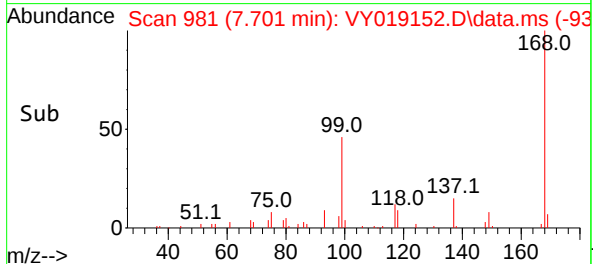
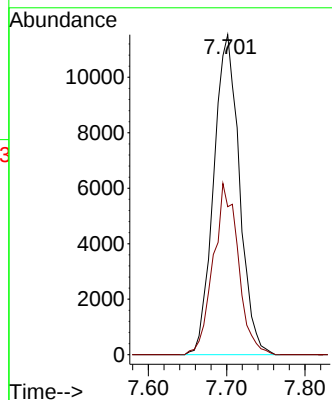
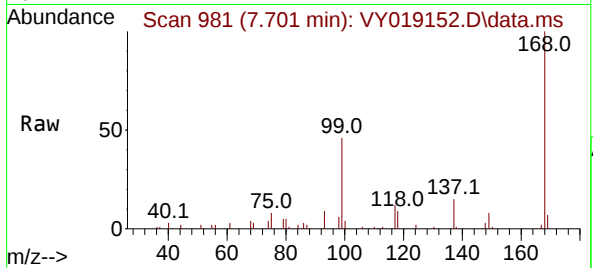




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

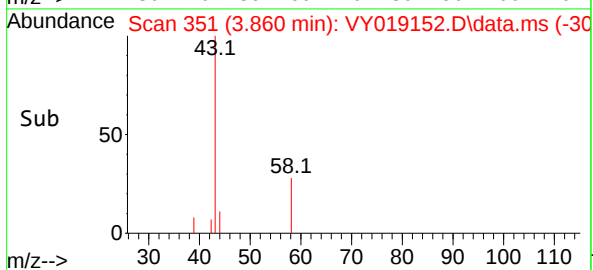
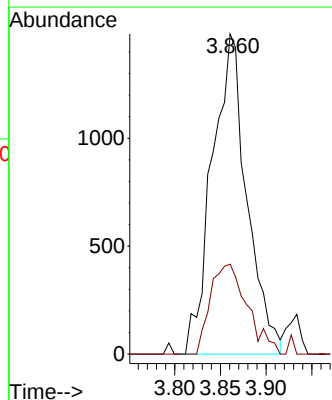
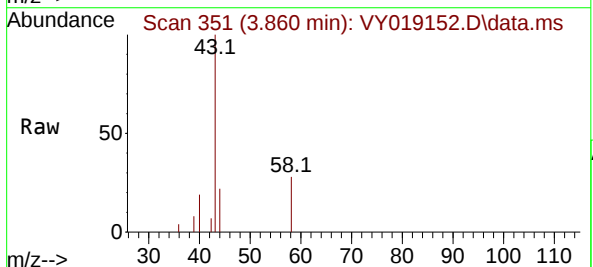
Instrument :
MSVOA_Y
ClientSampleId :
917-J-SD-0-0.5-081524

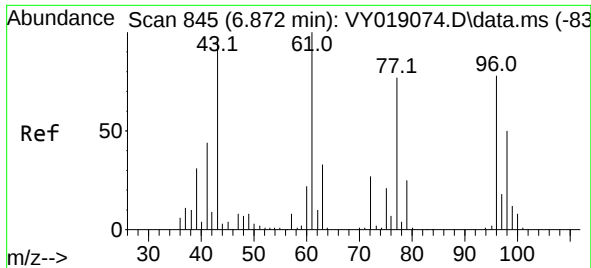
Tgt Ion:168 Resp: 26348
Ion Ratio Lower Upper
168 100
99 46.2 39.1 58.7



#16
Acetone
Concen: 79.826 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

Tgt Ion: 43 Resp: 3910
Ion Ratio Lower Upper
43 100
58 28.1 31.7 47.5#

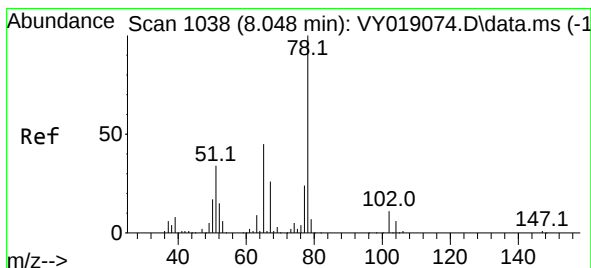
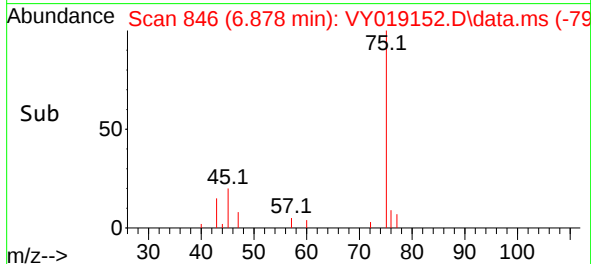
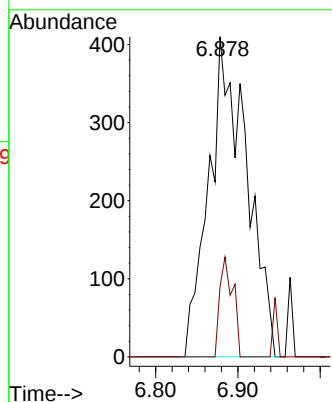
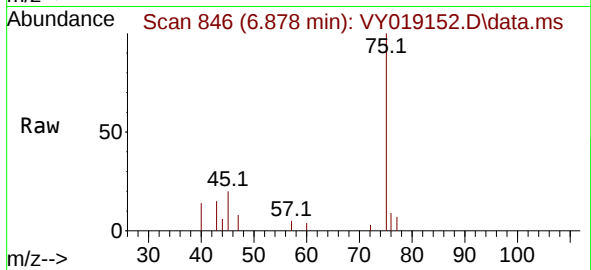




#25
2-Butanone
Concen: 16.670 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

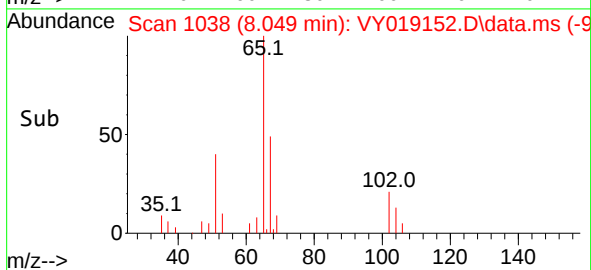
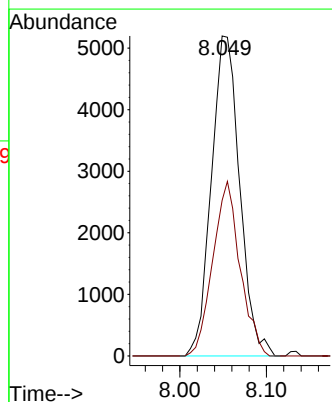
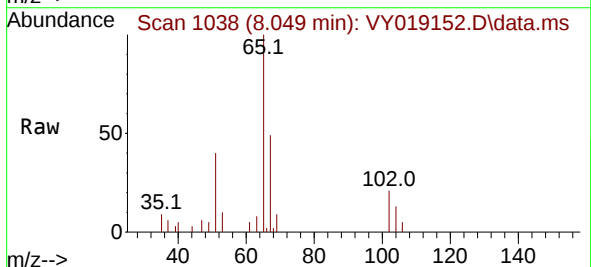
Instrument :
MSVOA_Y
ClientSampleId :
917-J-SD-0-0.5-081524

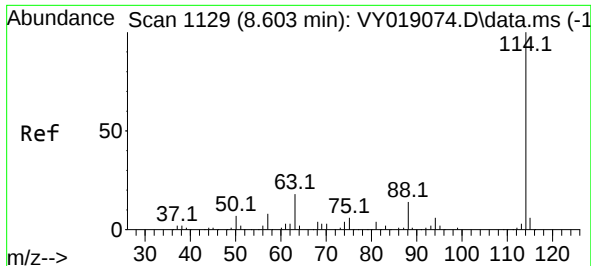
Tgt Ion: 43 Resp: 1315
Ion Ratio Lower Upper
43 100
72 22.0 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 44.658 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

Tgt Ion: 65 Resp: 11795
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019152.D

Acq: 20 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

917-J-SD-0-0.5-081524

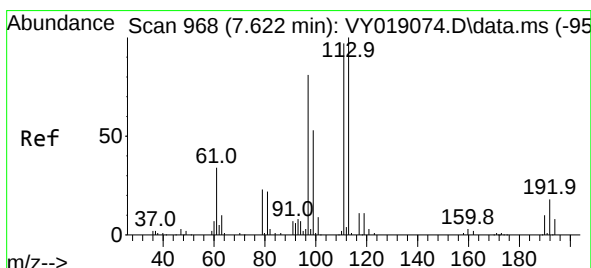
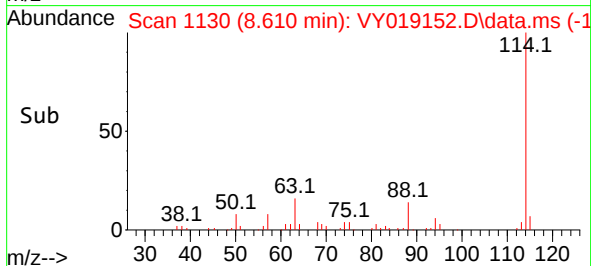
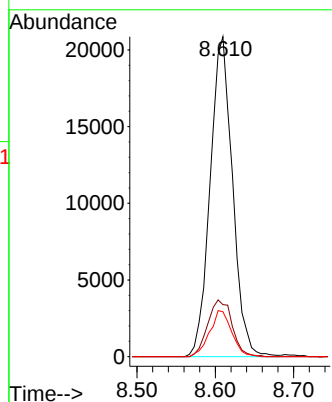
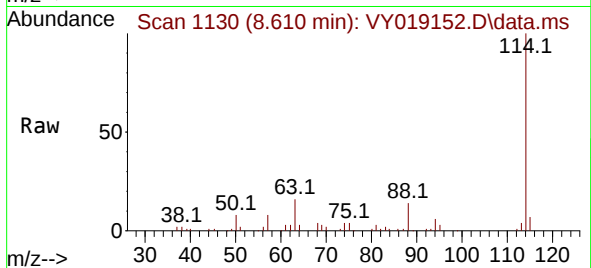
Tgt Ion:114 Resp: 41485

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.513 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019152.D

Acq: 20 Aug 2024 15:40

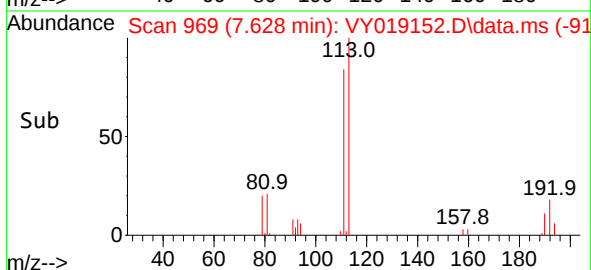
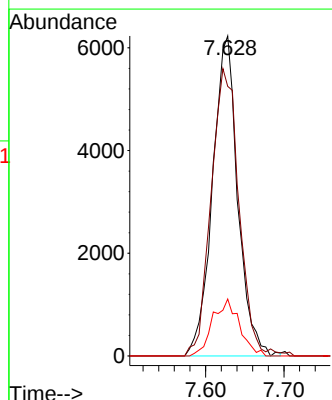
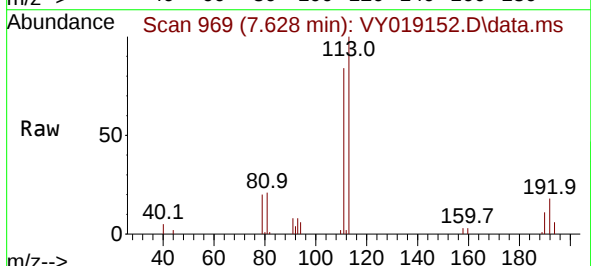
Tgt Ion:113 Resp: 13973

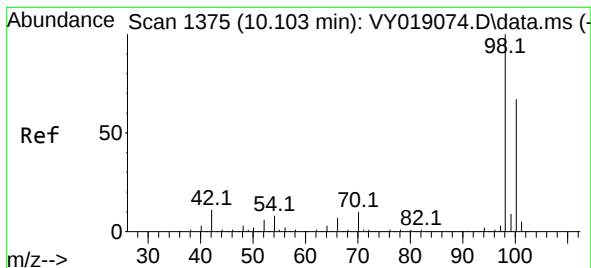
Ion Ratio Lower Upper

113 100

111 99.1 82.2 123.4

192 18.9 15.9 23.9





#50

Toluene-d8

Concen: 41.762 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019152.D

Acq: 20 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

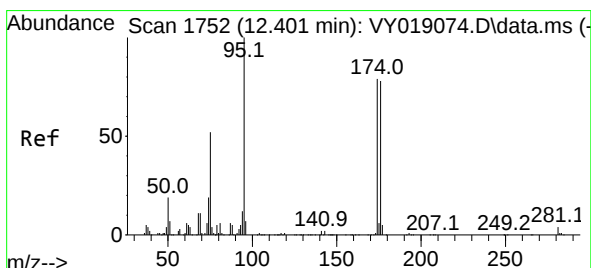
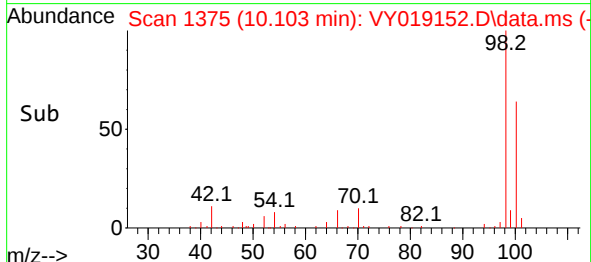
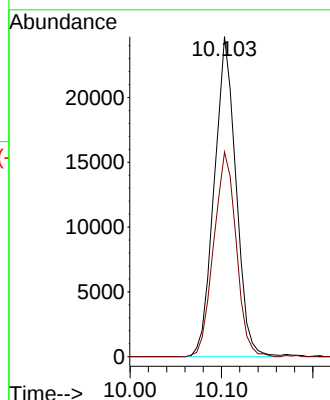
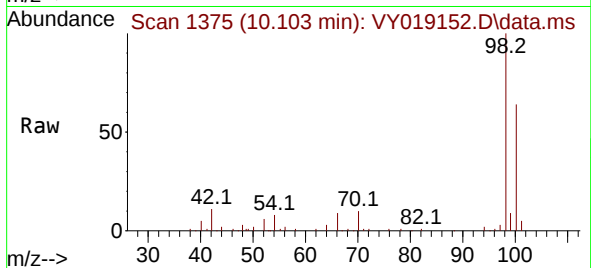
917-J-SD-0-0.5-081524

Tgt Ion: 98 Resp: 40766

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.030 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019152.D

Acq: 20 Aug 2024 15:40

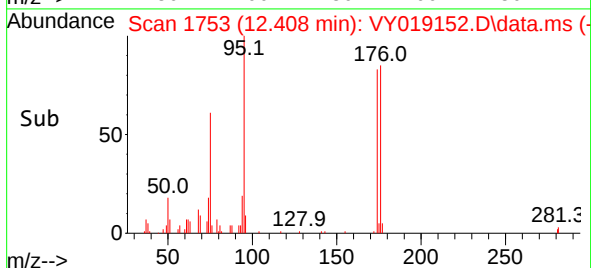
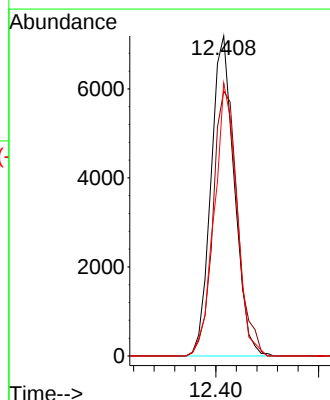
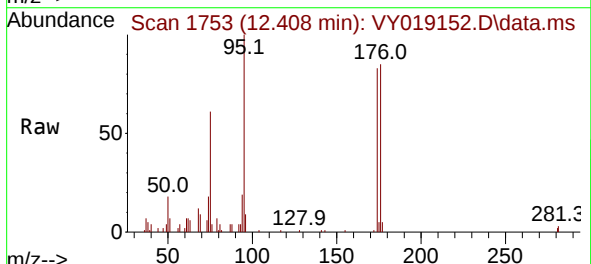
Tgt Ion: 95 Resp: 11324

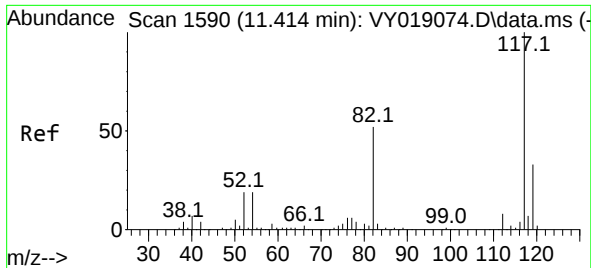
Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.6

176 82.4 0.0 171.4

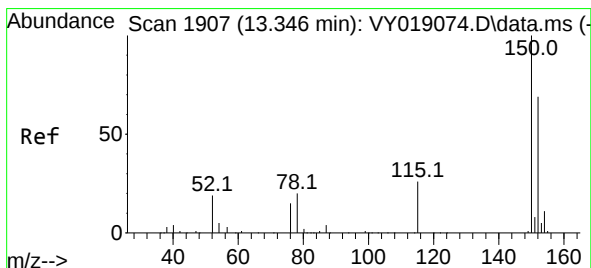
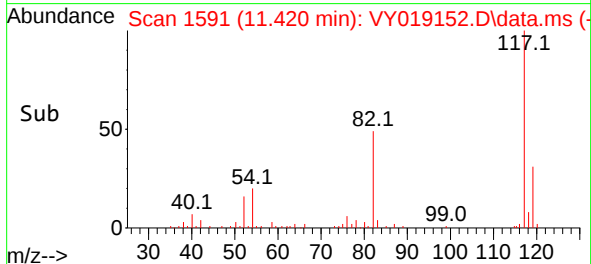
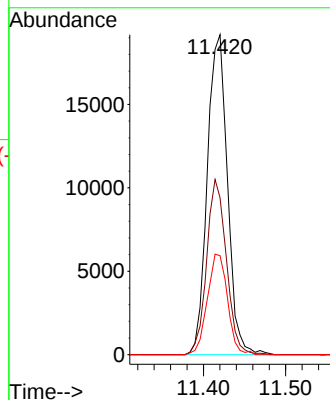
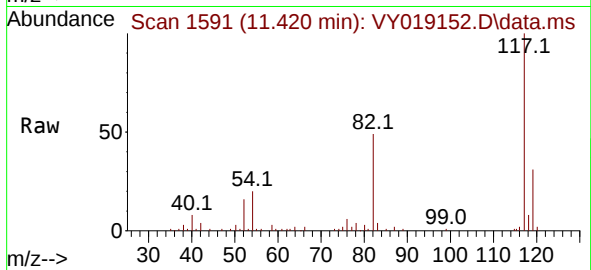




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

Instrument :
MSVOA_Y
ClientSampleId :
917-J-SD-0-0.5-081524

Tgt Ion:117	Resp:	32725
Ion	Ratio	Lower Upper
117	100	
82	49.0	42.4 63.6
119	31.0	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

Tgt Ion:152	Resp:	10154
Ion	Ratio	Lower Upper
152	100	
115	56.0	28.2 84.7
150	157.4	0.0 345.6

