

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019154.D
 Acq On : 20 Aug 2024 16:29
 Operator : SY/MD
 Sample : P3643-07
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 21 01:31:28 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)

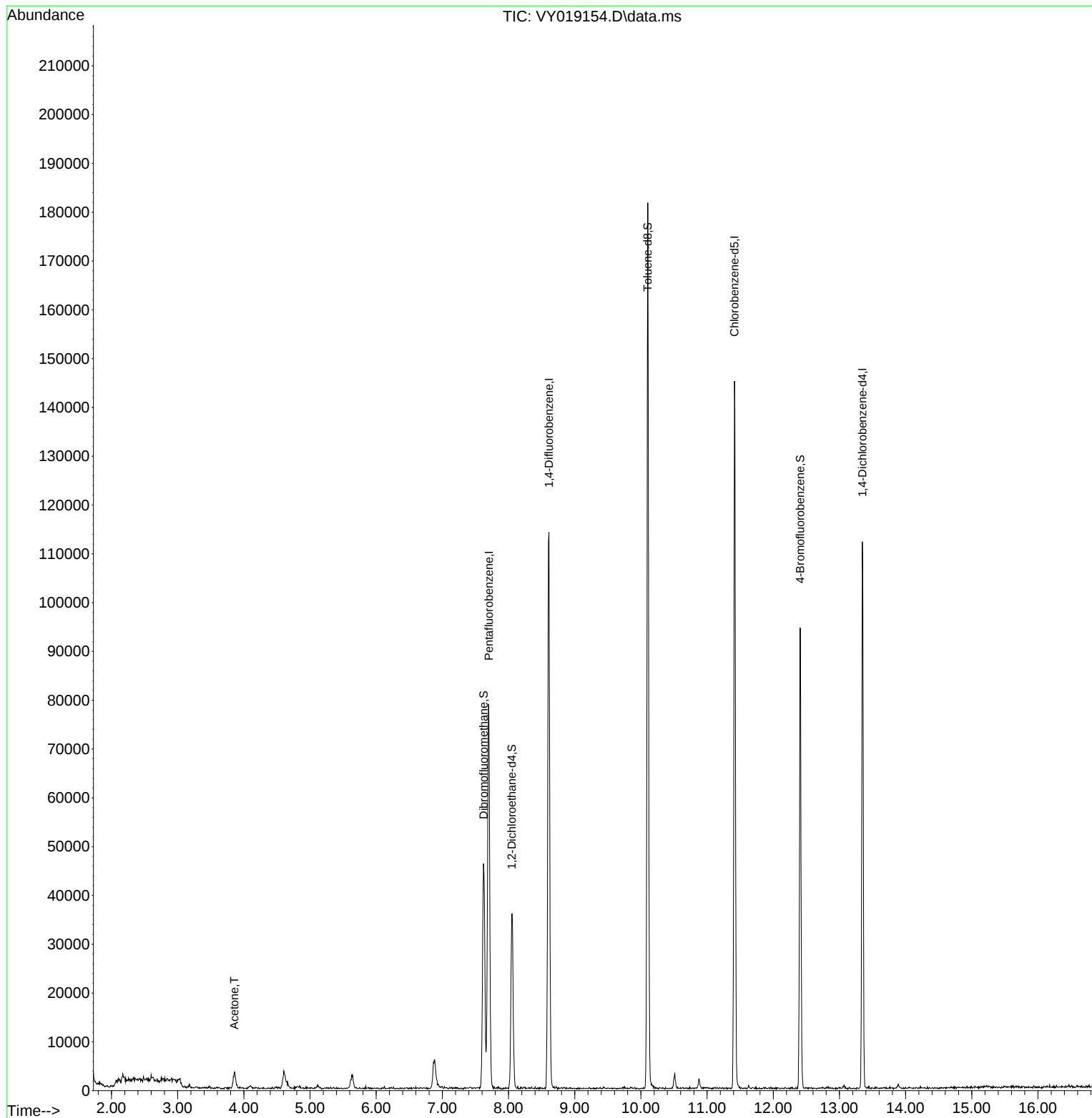
Internal Standards						
1) Pentafluorobenzene	7.701	168	61734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	100620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	77624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	27557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	29519	47.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.400%
35) Dibromofluoromethane	7.622	113	32547	49.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.940%
50) Toluene-d8	10.103	98	110320	46.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.408	95	27778	34.417	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.840%
Target Compounds						
16) Acetone	3.854	43	5400	47.053	ug/l	Qvalue # 78

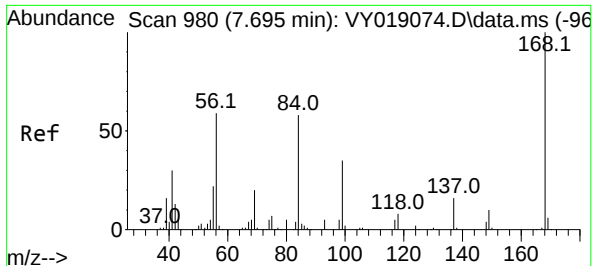
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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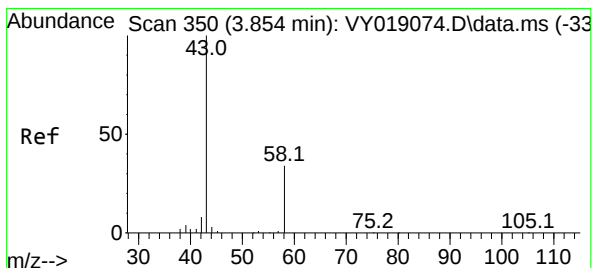
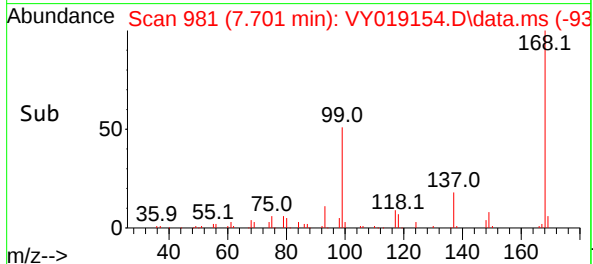
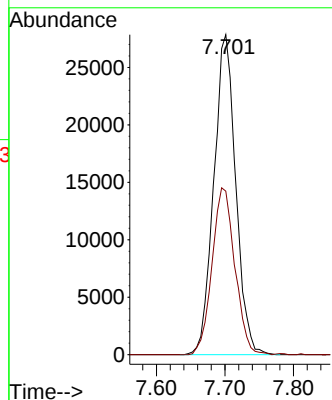
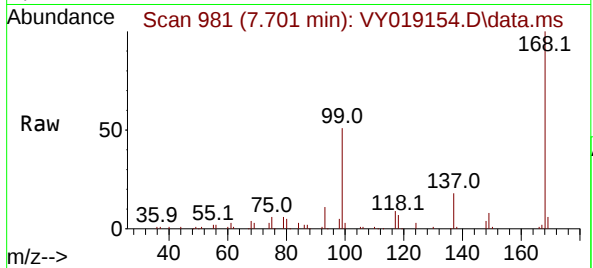




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

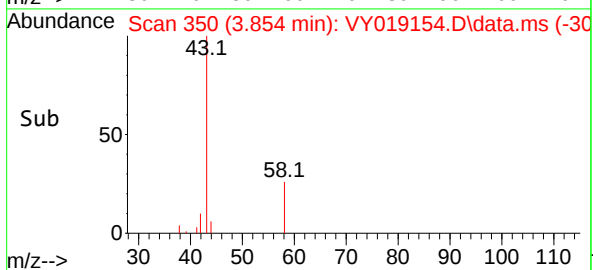
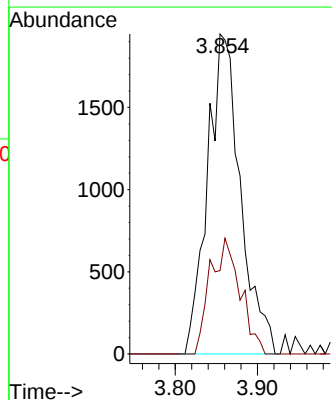
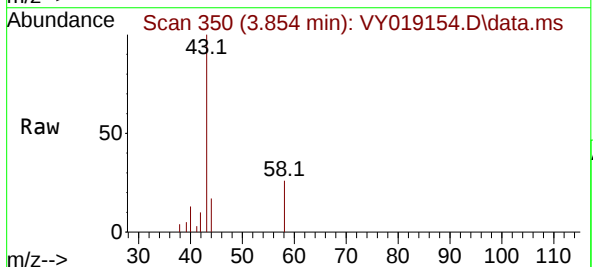
Instrument :
MSVOA_Y
ClientSampleId :
918-J-SD-0-0.5-081524

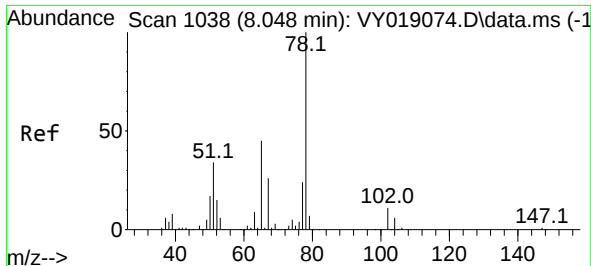
Tgt Ion:168 Resp: 61734
Ion Ratio Lower Upper
168 100
99 51.1 39.1 58.7



#16
Acetone
Concen: 47.053 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

Tgt Ion: 43 Resp: 5400
Ion Ratio Lower Upper
43 100
58 26.1 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 47.701 ug/l

RT: 8.049 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019154.D

Acq: 20 Aug 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :

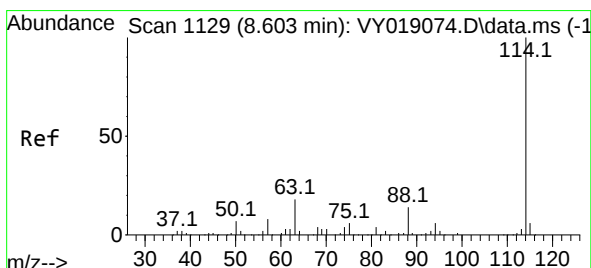
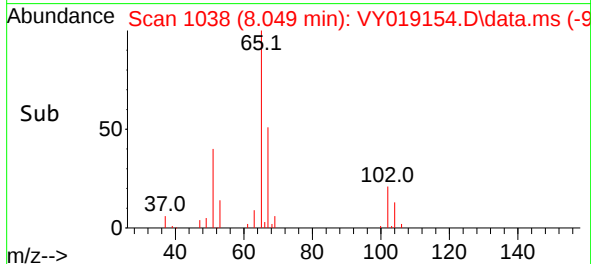
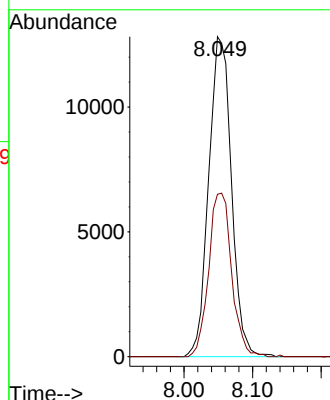
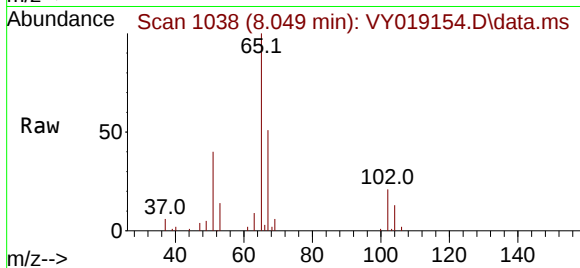
918-J-SD-0-0.5-081524

Tgt Ion: 65 Resp: 29519

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019154.D

Acq: 20 Aug 2024 16:29

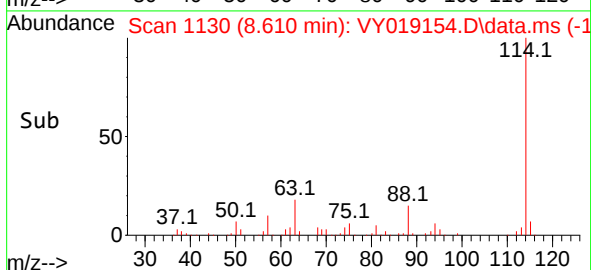
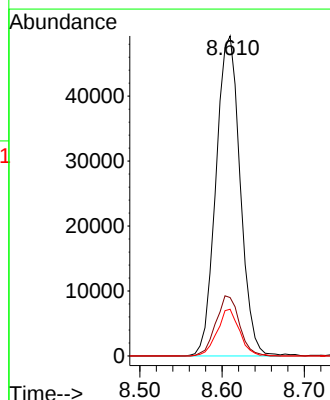
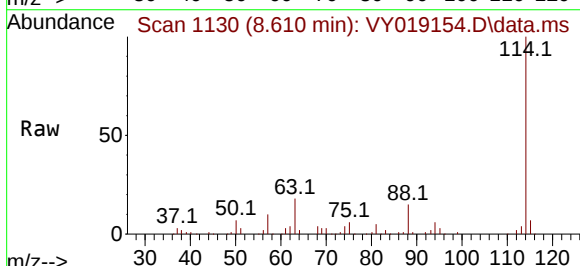
Tgt Ion: 114 Resp: 100620

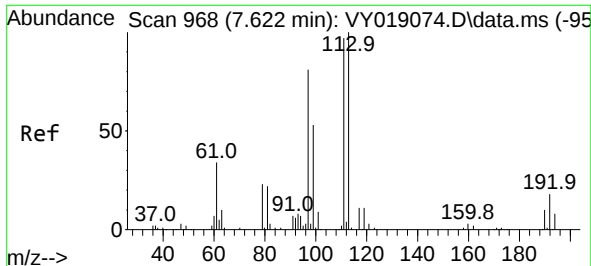
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.6 0.0 27.2

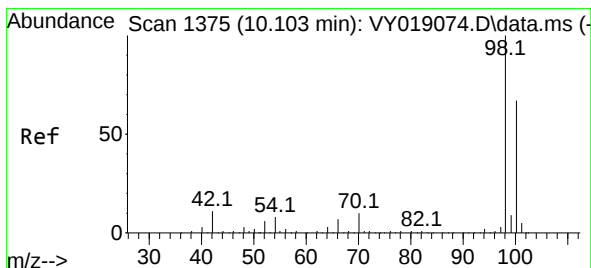
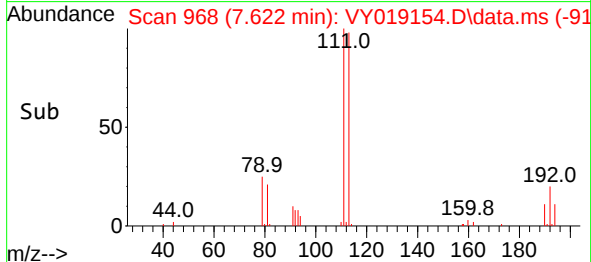
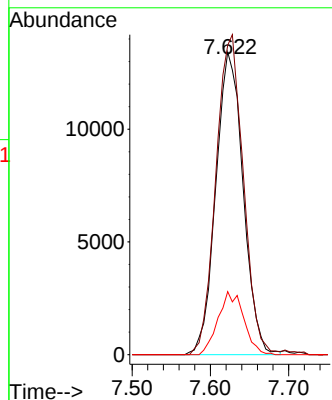
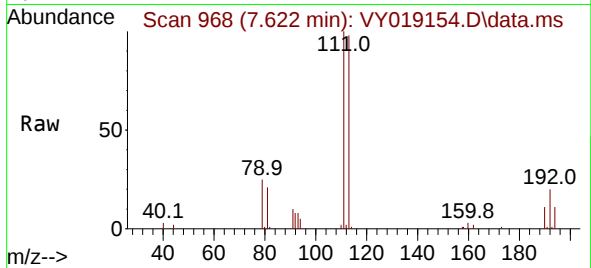




#35
Dibromofluoromethane
Concen: 49.470 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

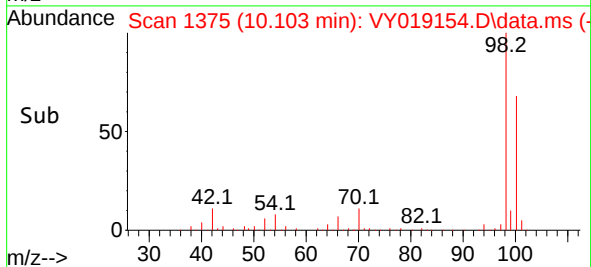
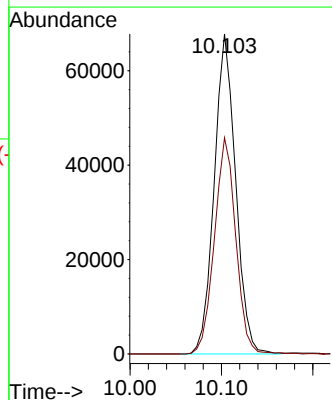
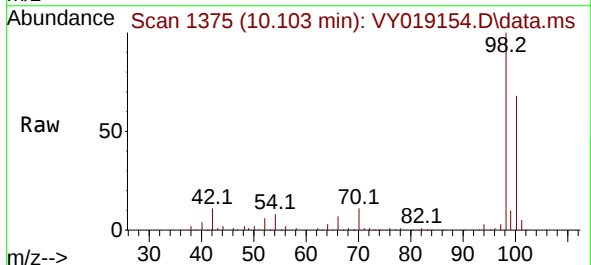
Instrument :
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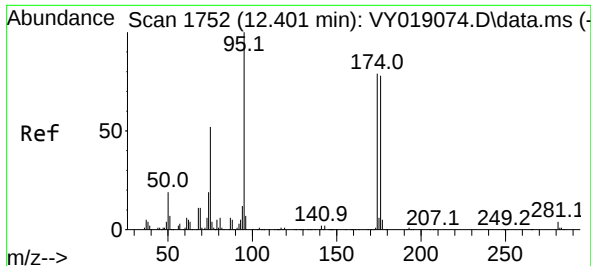
Tgt Ion:113 Resp: 32547
Ion Ratio Lower Upper
113 100
111 106.0 82.2 123.4
192 19.6 15.9 23.9



#50
Toluene-d8
Concen: 46.596 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

Tgt Ion: 98 Resp: 110320
Ion Ratio Lower Upper
98 100
100 67.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 34.417 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019154.D

Acq: 20 Aug 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :

918-J-SD-0-0.5-081524

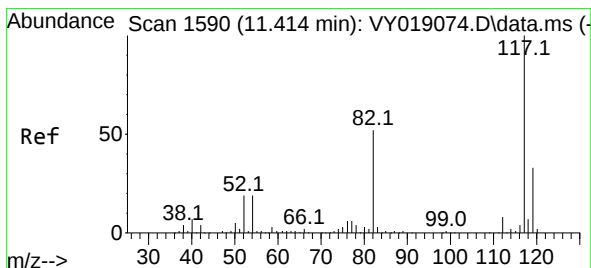
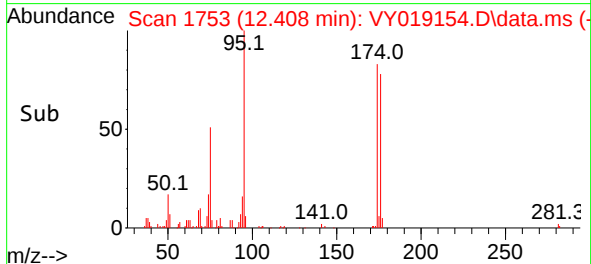
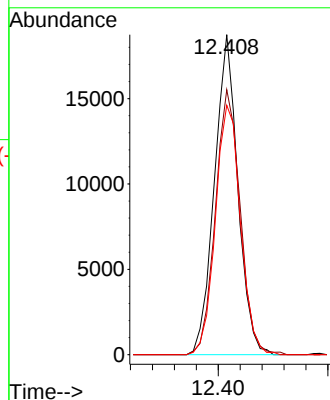
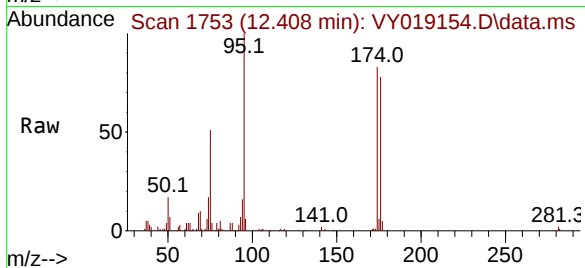
Tgt Ion: 95 Resp: 27778

Ion Ratio Lower Upper

95 100

174 87.7 0.0 175.6

176 83.5 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY019154.D

Acq: 20 Aug 2024 16:29

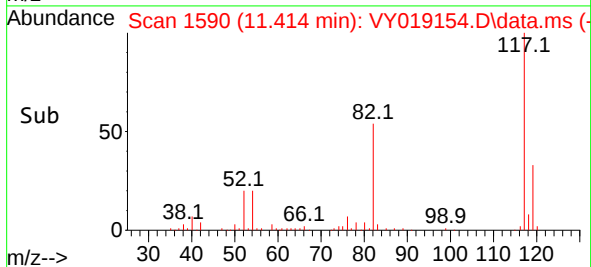
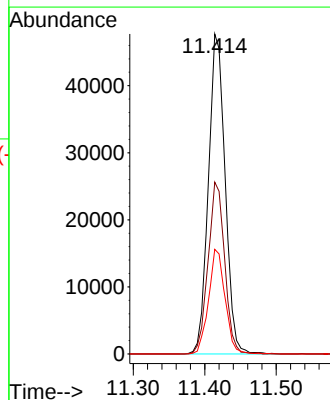
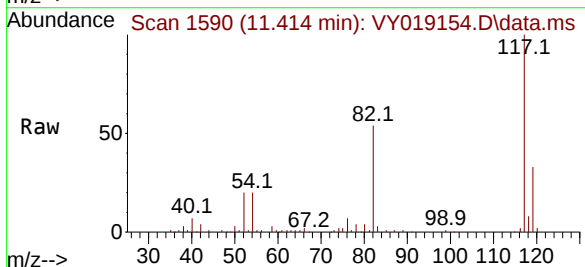
Tgt Ion: 117 Resp: 77624

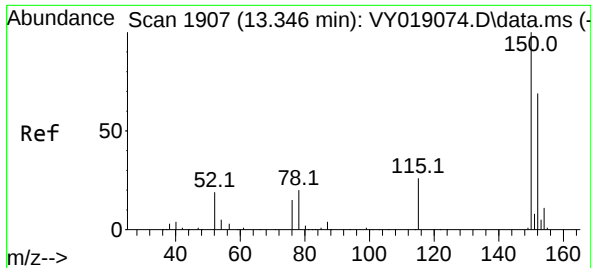
Ion Ratio Lower Upper

117 100

82 53.7 42.4 63.6

119 32.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019154.D

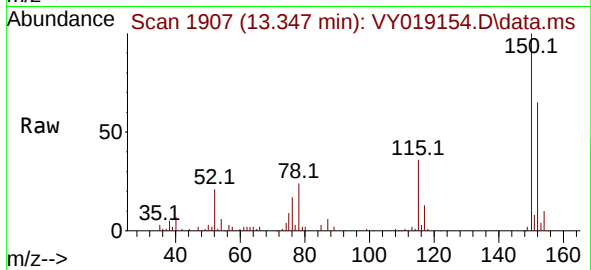
Acq: 20 Aug 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 27557

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 158.6 0.0 345.6

