

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019155.D
 Acq On : 20 Aug 2024 16:52
 Operator : SY/MD
 Sample : P3643-08
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 918-J-SD-0.5-1-081524

Quant Time: Aug 21 01:31:51 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)

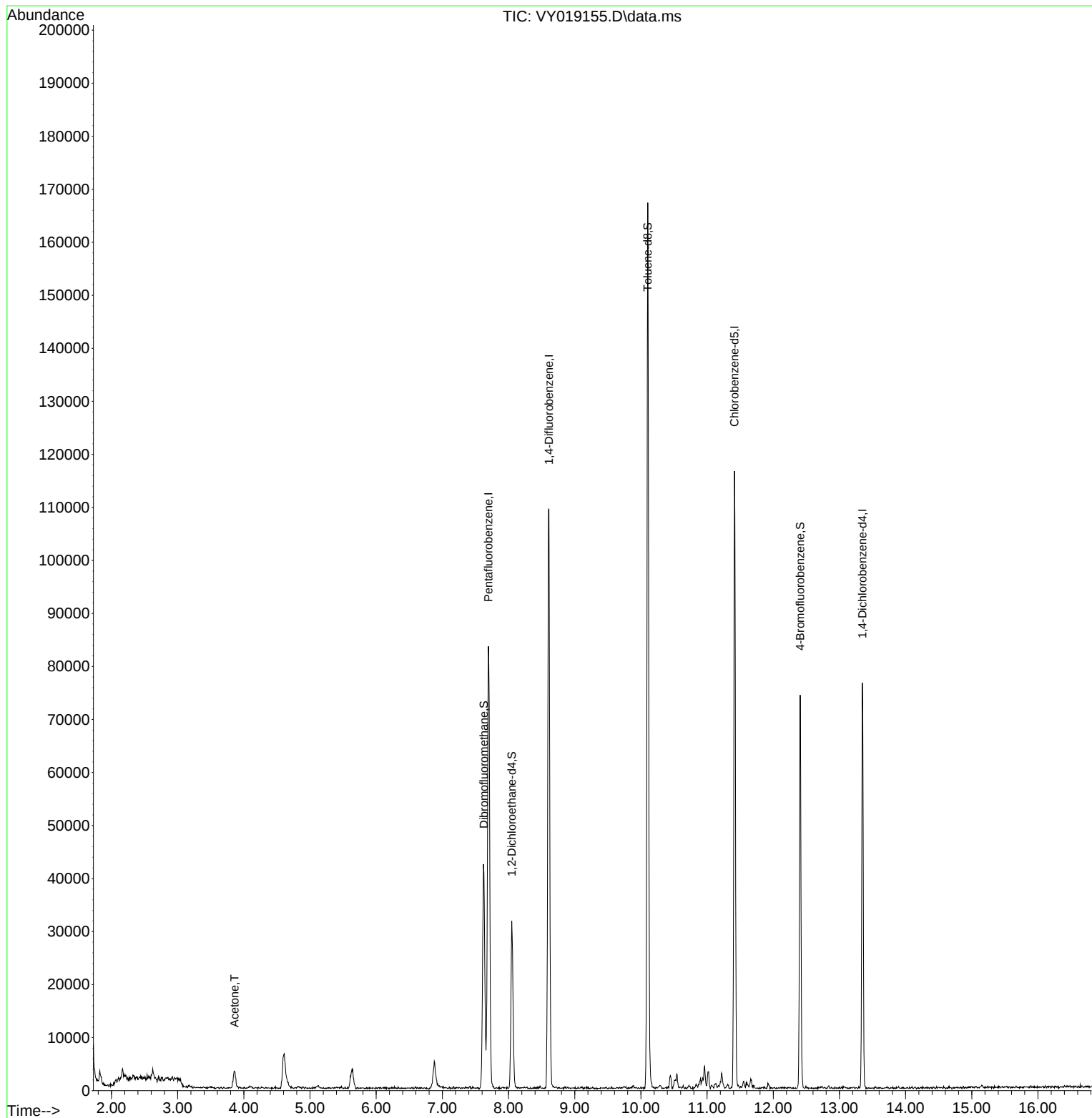
Internal Standards						
1) Pentafluorobenzene	7.695	168	66373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	99081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	64870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	19046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	23686	35.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.200%
35) Dibromofluoromethane	7.628	113	28910	44.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.240%
50) Toluene-d8	10.103	98	104174	44.683	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.360%
62) 4-Bromofluorobenzene	12.408	95	21882	27.533	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	55.060%
Target Compounds						
16) Acetone	3.860	43	5641	45.717	ug/l	Qvalue # 75

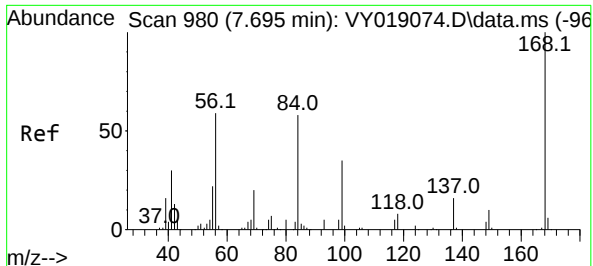
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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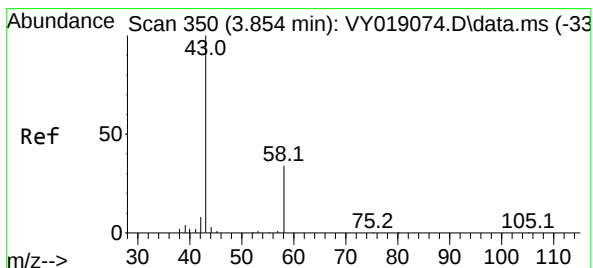
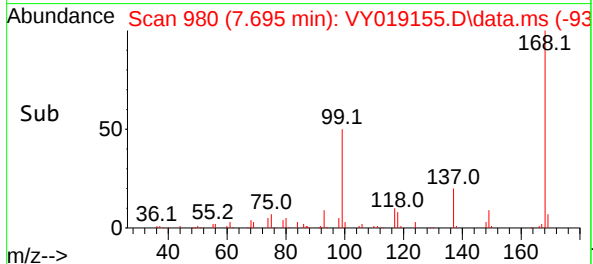
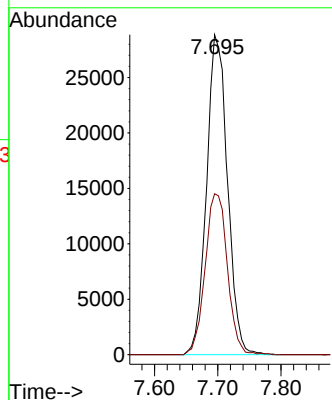
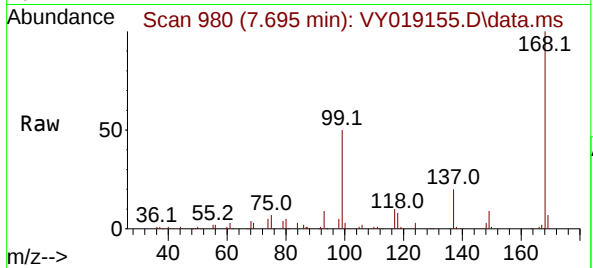




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019155.D
Acq: 20 Aug 2024 16:52

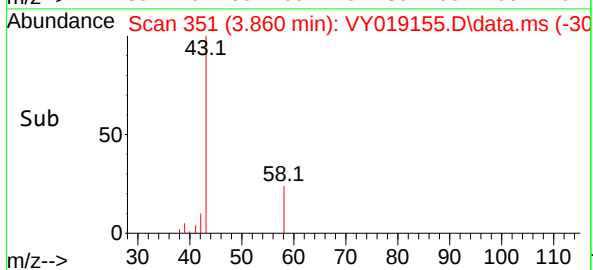
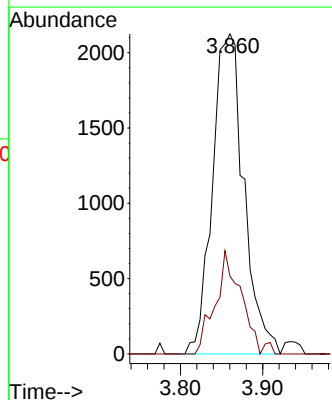
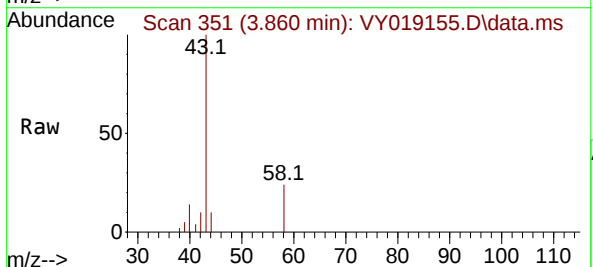
Instrument :
MSVOA_Y
ClientSampleId :
918-J-SD-0.5-1-081524

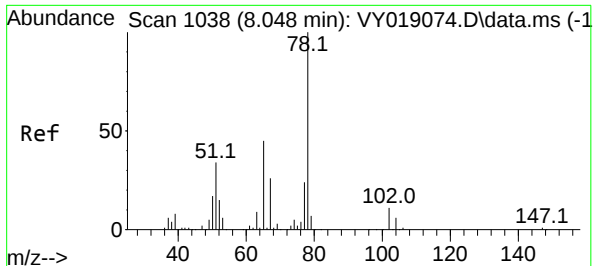
Tgt Ion:168 Resp: 66373
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#16
Acetone
Concen: 45.717 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019155.D
Acq: 20 Aug 2024 16:52

Tgt Ion: 43 Resp: 5641
Ion Ratio Lower Upper
43 100
58 24.3 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 35.600 ug/l

RT: 8.049 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019155.D

Acq: 20 Aug 2024 16:52

Instrument :

MSVOA_Y

ClientSampleId :

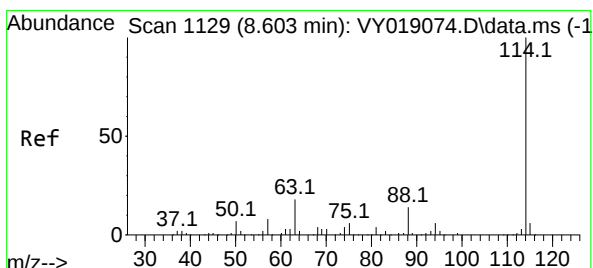
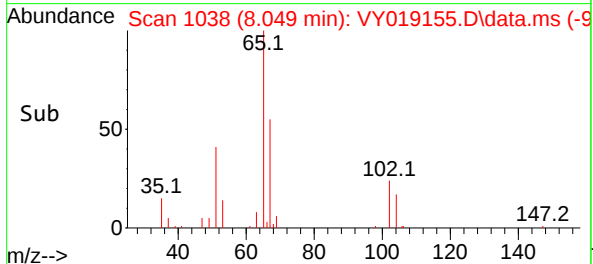
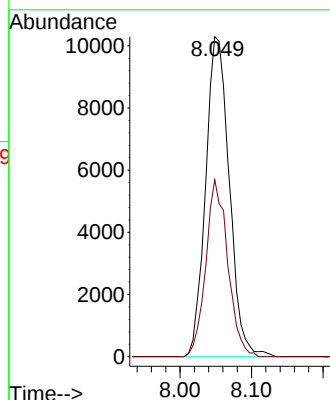
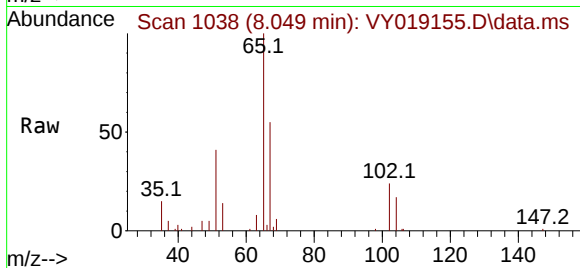
918-J-SD-0.5-1-081524

Tgt Ion: 65 Resp: 23686

Ion Ratio Lower Upper

65 100

67 51.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019155.D

Acq: 20 Aug 2024 16:52

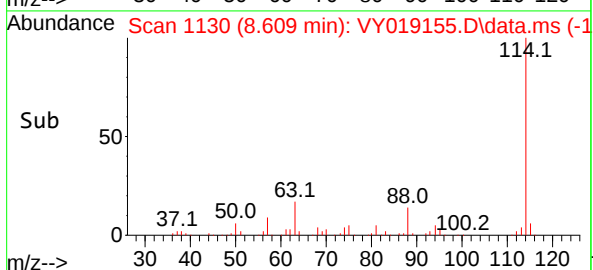
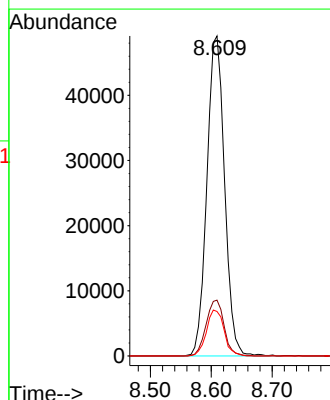
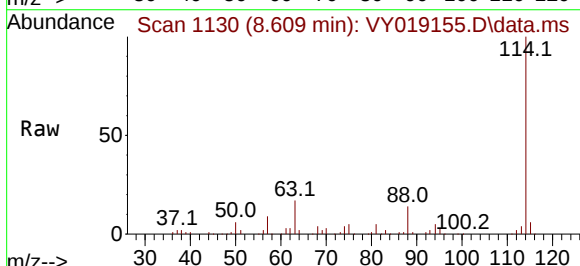
Tgt Ion: 114 Resp: 99081

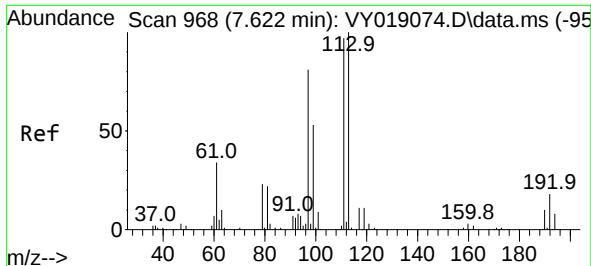
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 13.9 0.0 27.2

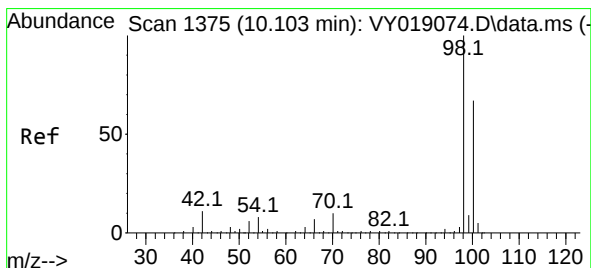
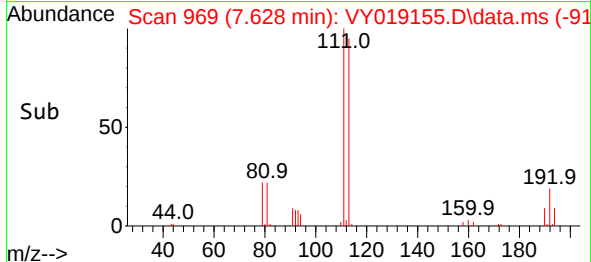
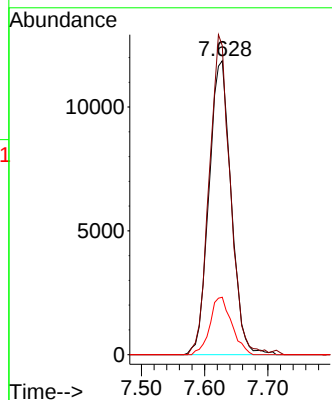
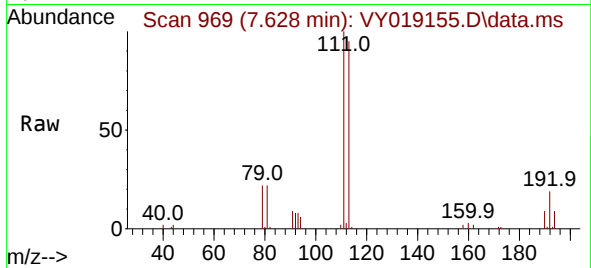




#35
Dibromofluoromethane
Concen: 44.625 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019155.D
Acq: 20 Aug 2024 16:52

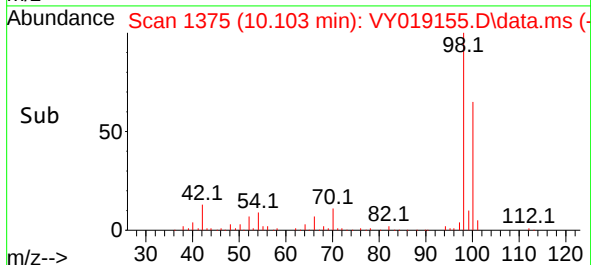
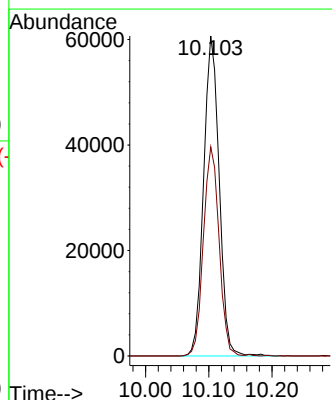
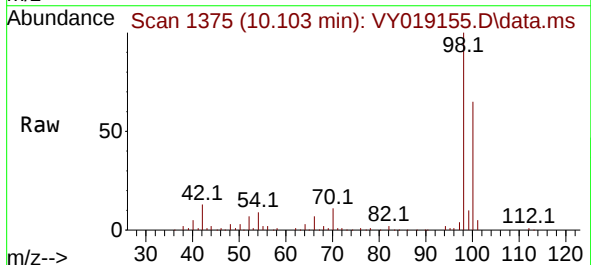
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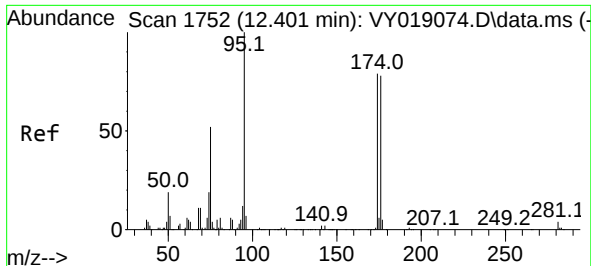
Tgt Ion:113 Resp: 28910
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 19.2 15.9 23.9



#50
Toluene-d8
Concen: 44.683 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019155.D
Acq: 20 Aug 2024 16:52

Tgt Ion: 98 Resp: 104174
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

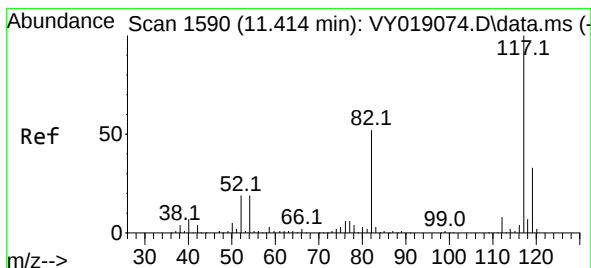
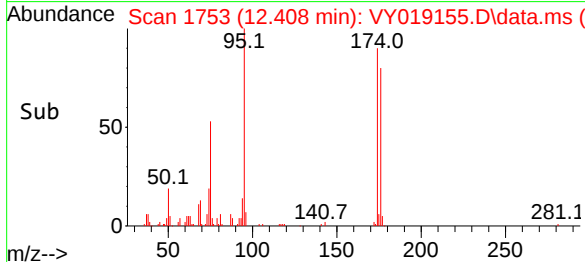
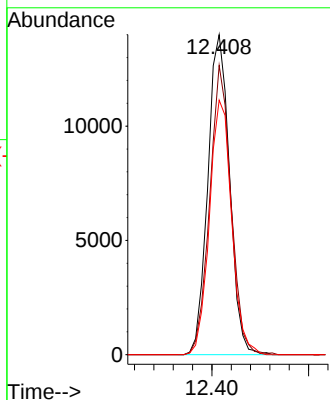
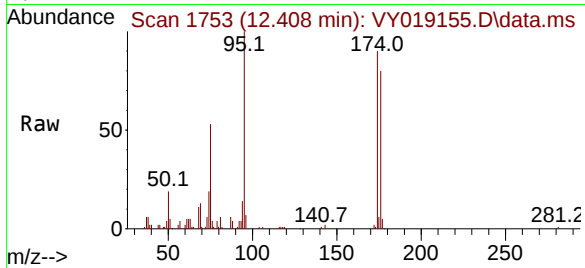




#62
4-Bromofluorobenzene
Concen: 27.533 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019155.D
Acq: 20 Aug 2024 16:52

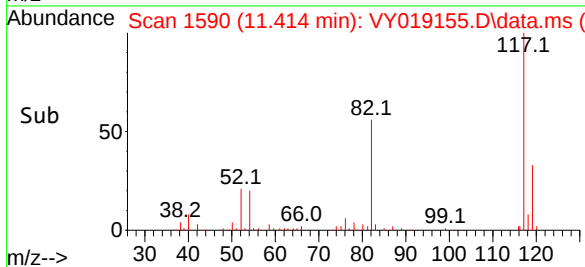
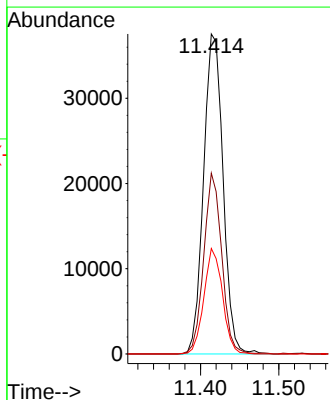
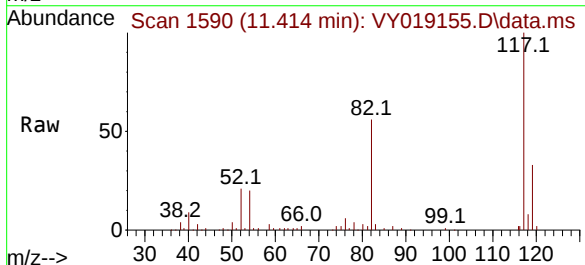
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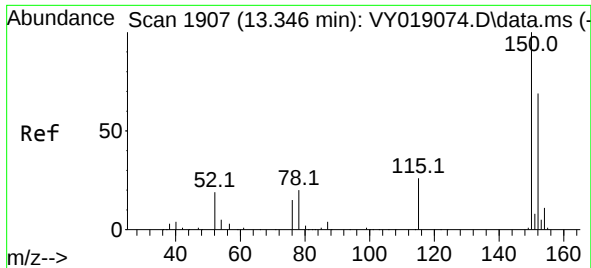
Tgt Ion:	95	Resp:	21882
Ion Ratio	Lower	Upper	
95	100		
174	88.3	0.0	175.6
176	81.1	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019155.D
Acq: 20 Aug 2024 16:52

Tgt Ion:	117	Resp:	64870
Ion Ratio	Lower	Upper	
117	100		
82	56.5	42.4	63.6
119	33.0	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: VY019155.D

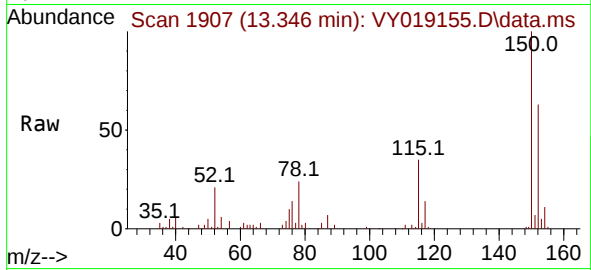
Acq: 20 Aug 2024 16:52

Instrument :

MSVOA_Y

ClientSampleId :

918-J-SD-0.5-1-081524



Tgt Ion:152 Resp: 19046

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 157.7 0.0 345.6

