

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019257.D
 Acq On : 23 Aug 2024 15:04
 Operator : SY/MD
 Sample : P3663-09
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 915-J-SD-0-0.5-081624

Quant Time: Aug 23 22:58:02 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)

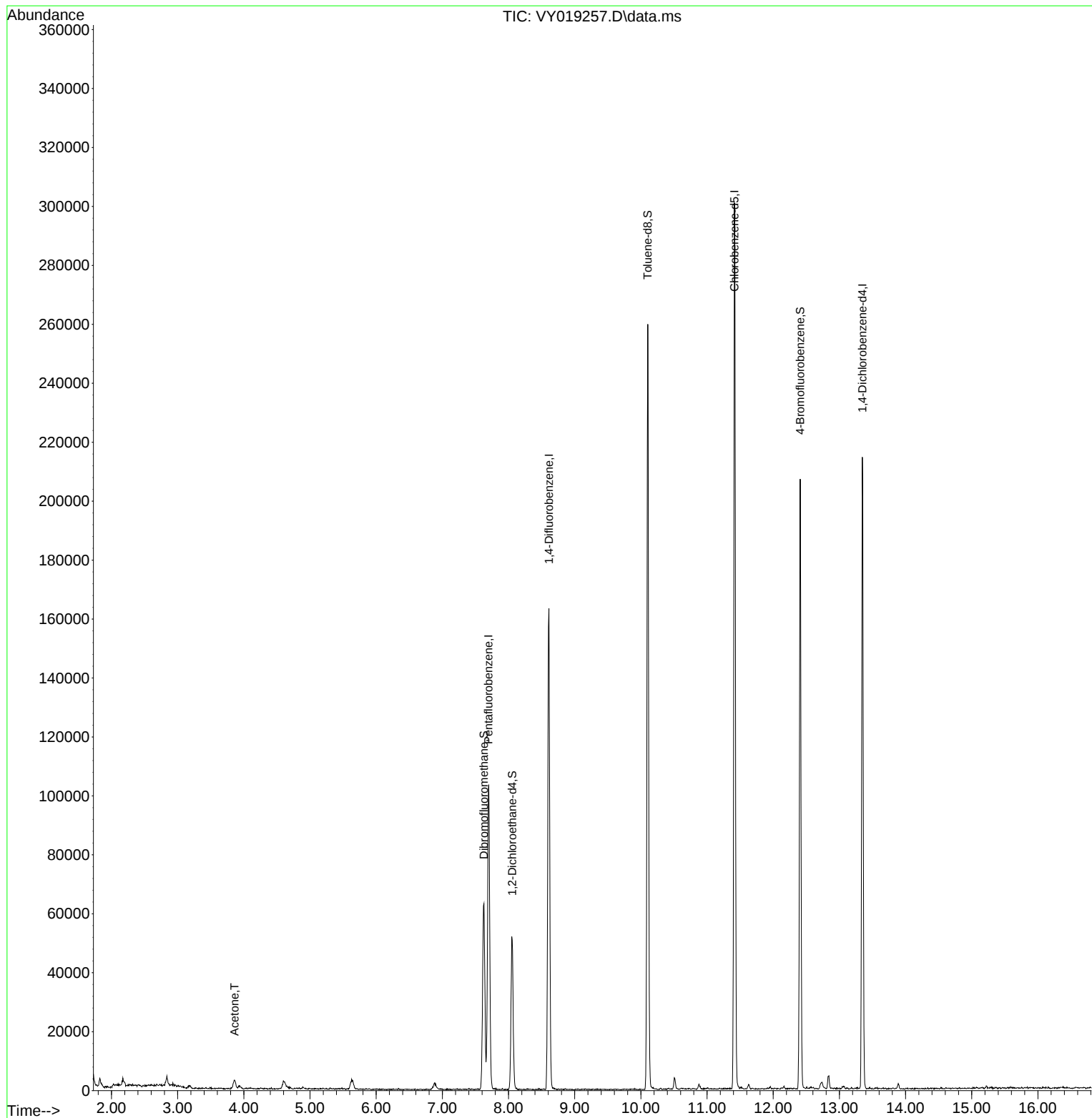
Internal Standards						
1) Pentafluorobenzene	7.695	168	80762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	143957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	164429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	54871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39902	49.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.580%
35) Dibromofluoromethane	7.628	113	45242	48.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.103	98	165836	48.958	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.408	95	59553	51.573	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.140%
Target Compounds						
16) Acetone	3.860	43	5402	35.980	ug/l	Qvalue # 81

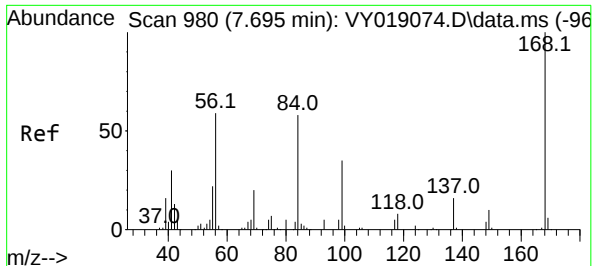
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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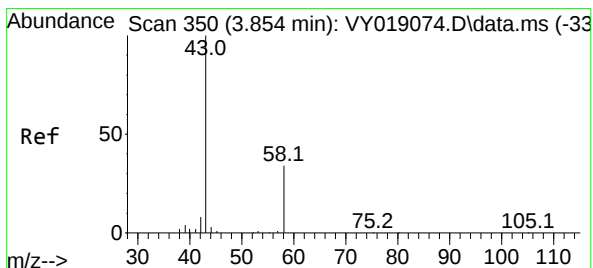
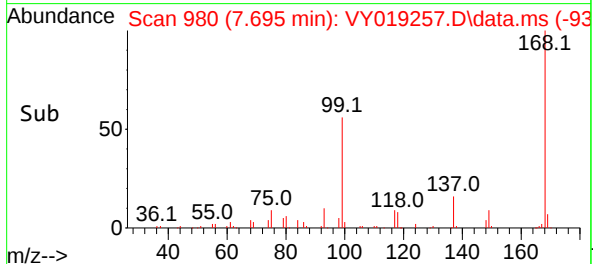
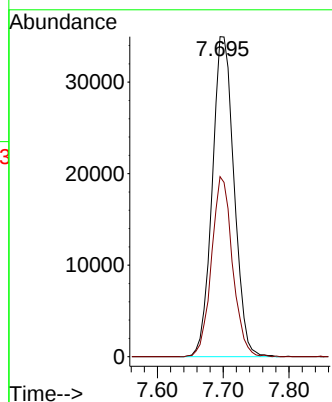
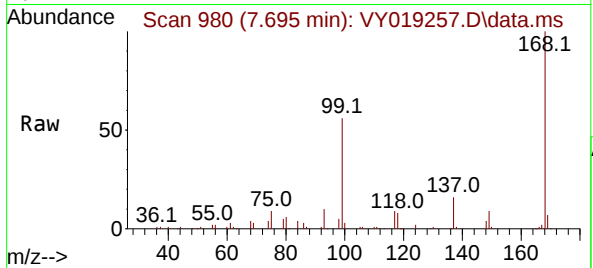




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019257.D
Acq: 23 Aug 2024 15:04

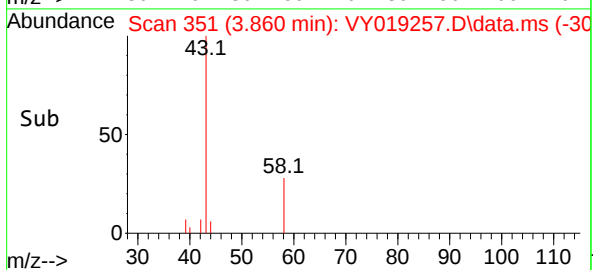
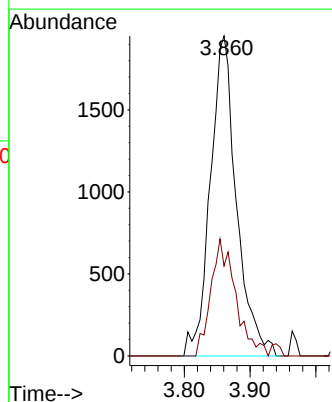
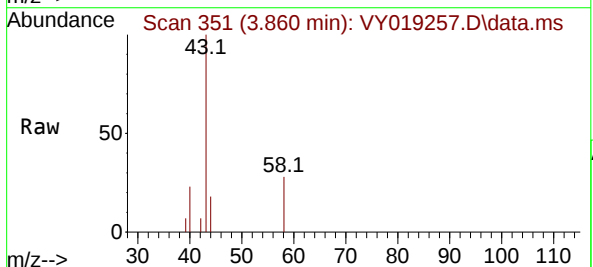
Instrument :
MSVOA_Y
ClientSampleId :
915-J-SD-0-0.5-081624

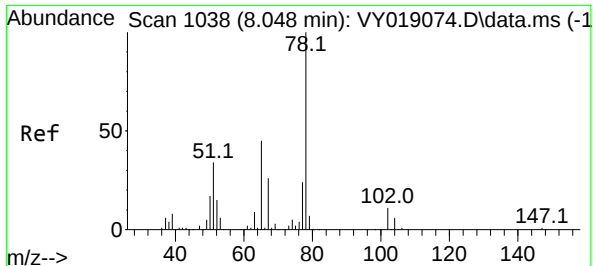
Tgt Ion:168 Resp: 80762
Ion Ratio Lower Upper
168 100
99 56.2 39.1 58.7



#16
Acetone
Concen: 35.980 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019257.D
Acq: 23 Aug 2024 15:04

Tgt Ion: 43 Resp: 5402
Ion Ratio Lower Upper
43 100
58 28.1 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 49.288 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019257.D

Acq: 23 Aug 2024 15:04

Instrument :

MSVOA_Y

ClientSampleId :

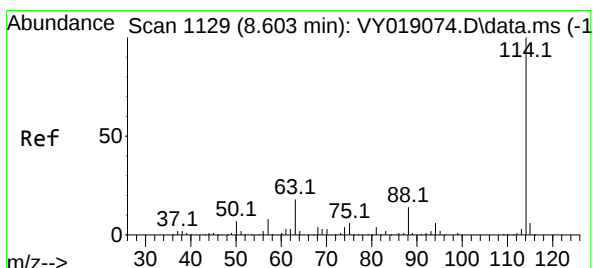
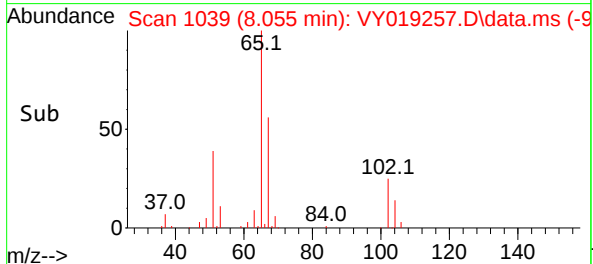
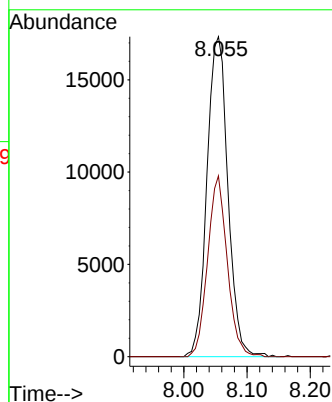
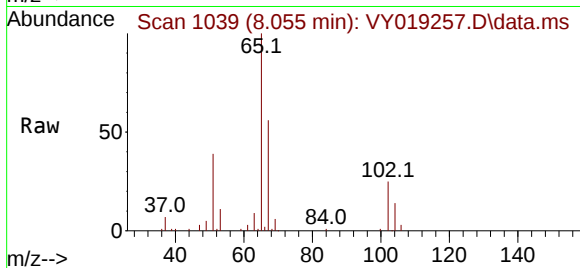
915-J-SD-0-0.5-081624

Tgt Ion: 65 Resp: 39902

Ion Ratio Lower Upper

65 100

67 52.9 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: VY019257.D

Acq: 23 Aug 2024 15:04

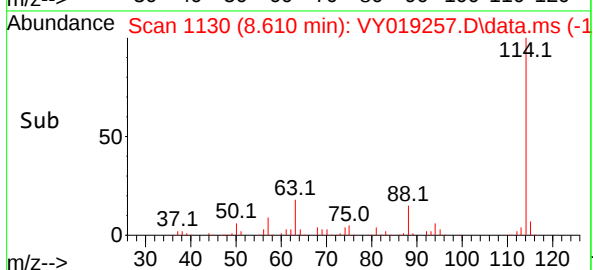
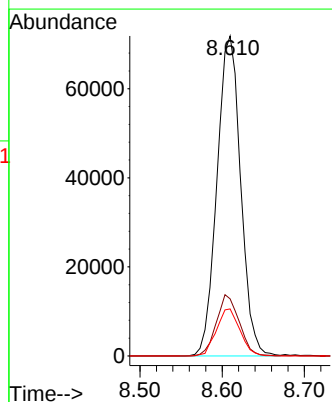
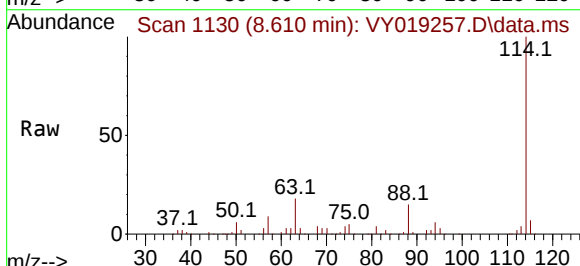
Tgt Ion: 114 Resp: 143957

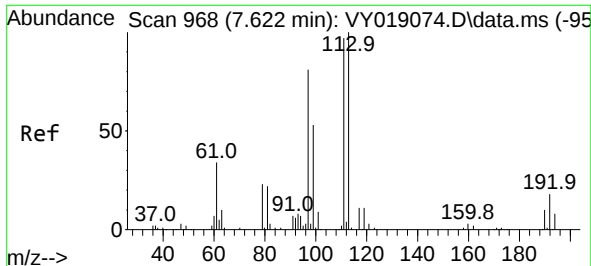
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.7 0.0 27.2

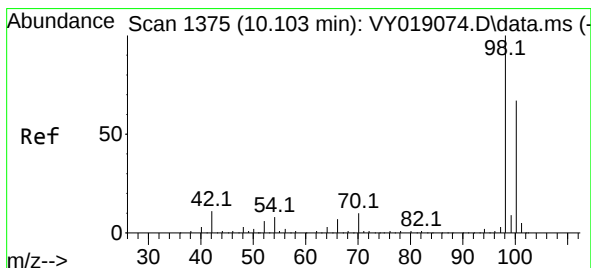
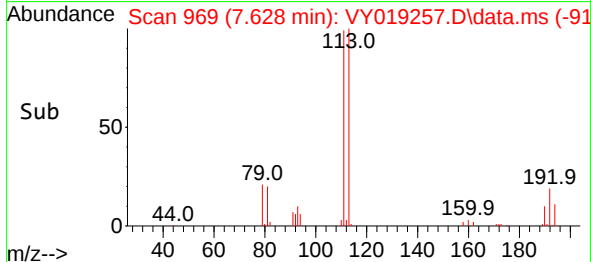
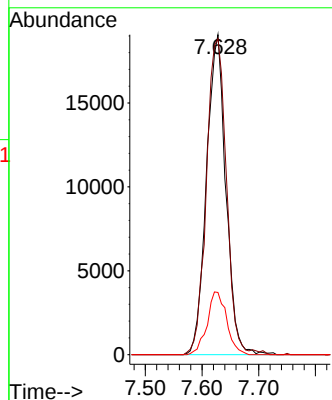
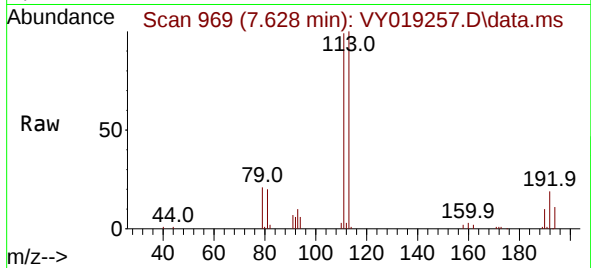




#35
Dibromofluoromethane
Concen: 48.065 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019257.D
Acq: 23 Aug 2024 15:04

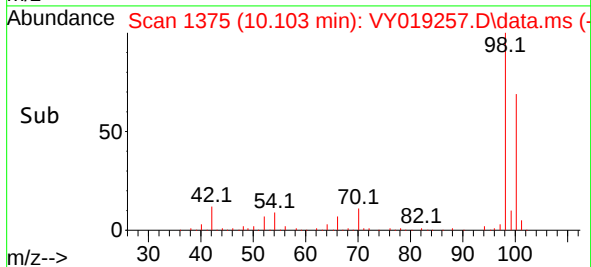
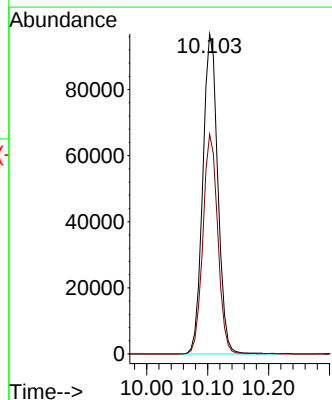
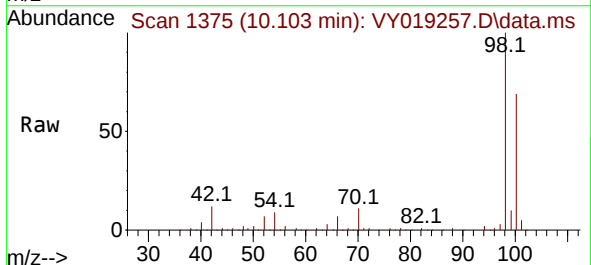
Instrument :
MSVOA_Y
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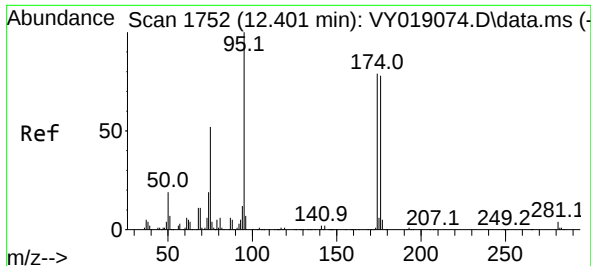
Tgt Ion:113 Resp: 45242
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 19.8 15.9 23.9



#50
Toluene-d8
Concen: 48.958 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019257.D
Acq: 23 Aug 2024 15:04

Tgt Ion: 98 Resp: 165836
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 51.573 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019257.D

Acq: 23 Aug 2024 15:04

Instrument :

MSVOA_Y

ClientSampleId :

915-J-SD-0-0.5-081624

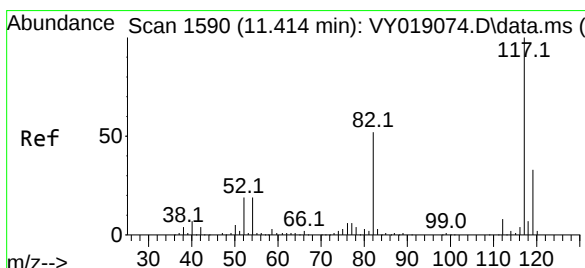
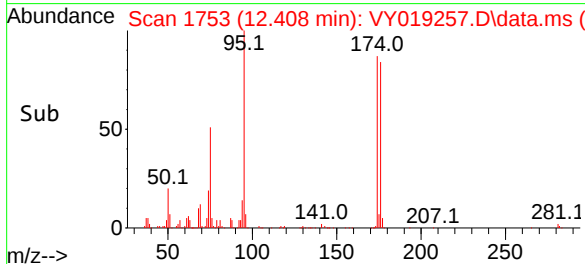
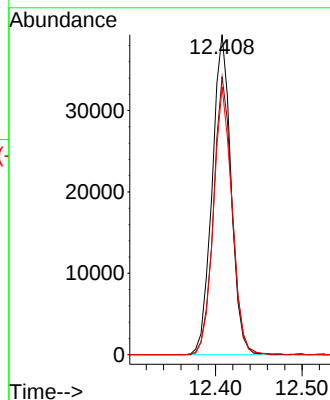
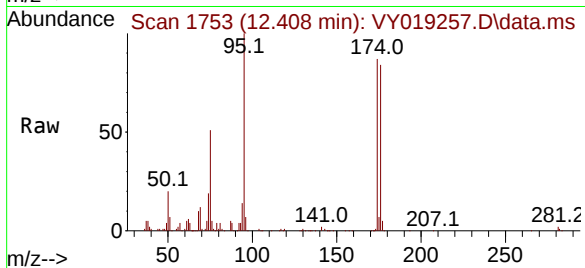
Tgt Ion: 95 Resp: 59553

Ion Ratio Lower Upper

95 100

174 85.1 0.0 175.6

176 82.4 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: VY019257.D

Acq: 23 Aug 2024 15:04

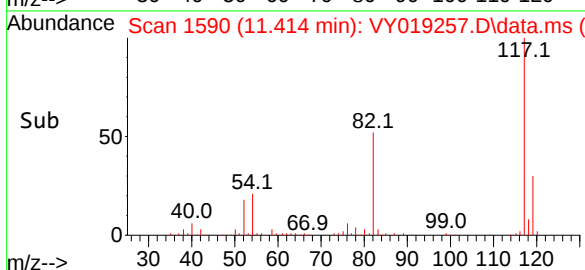
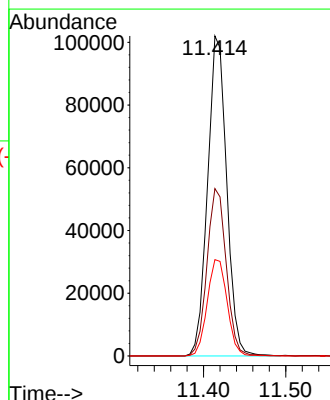
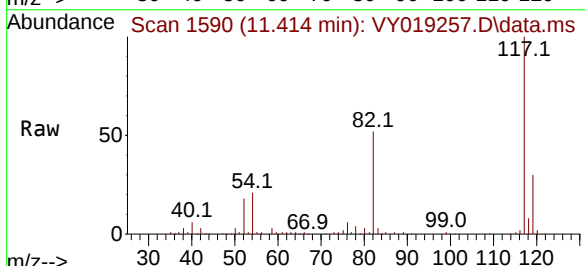
Tgt Ion: 117 Resp: 164429

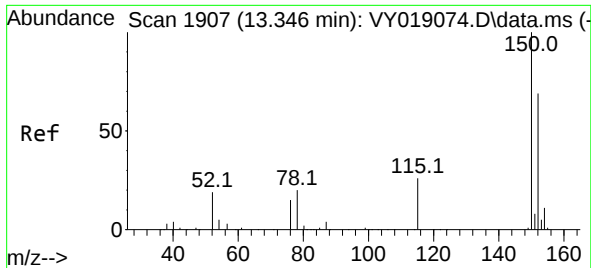
Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

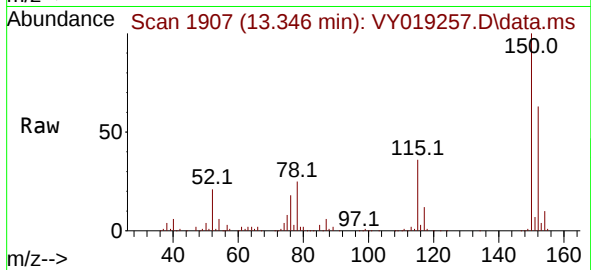
119 30.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019257.D
 Acq: 23 Aug 2024 15:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 915-J-SD-0-0.5-081624



Tgt Ion:	152	Resp:	54871
Ion Ratio	Lower	Upper	
152	100		
115	60.5	28.2	84.7
150	158.3	0.0	345.6

