

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019265.D
 Acq On : 23 Aug 2024 18:20
 Operator : SY/MD
 Sample : P3707-07
 Misc : 7.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-930-K1-SO-0-0.5-082024

Quant Time: Aug 23 23:00:47 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)

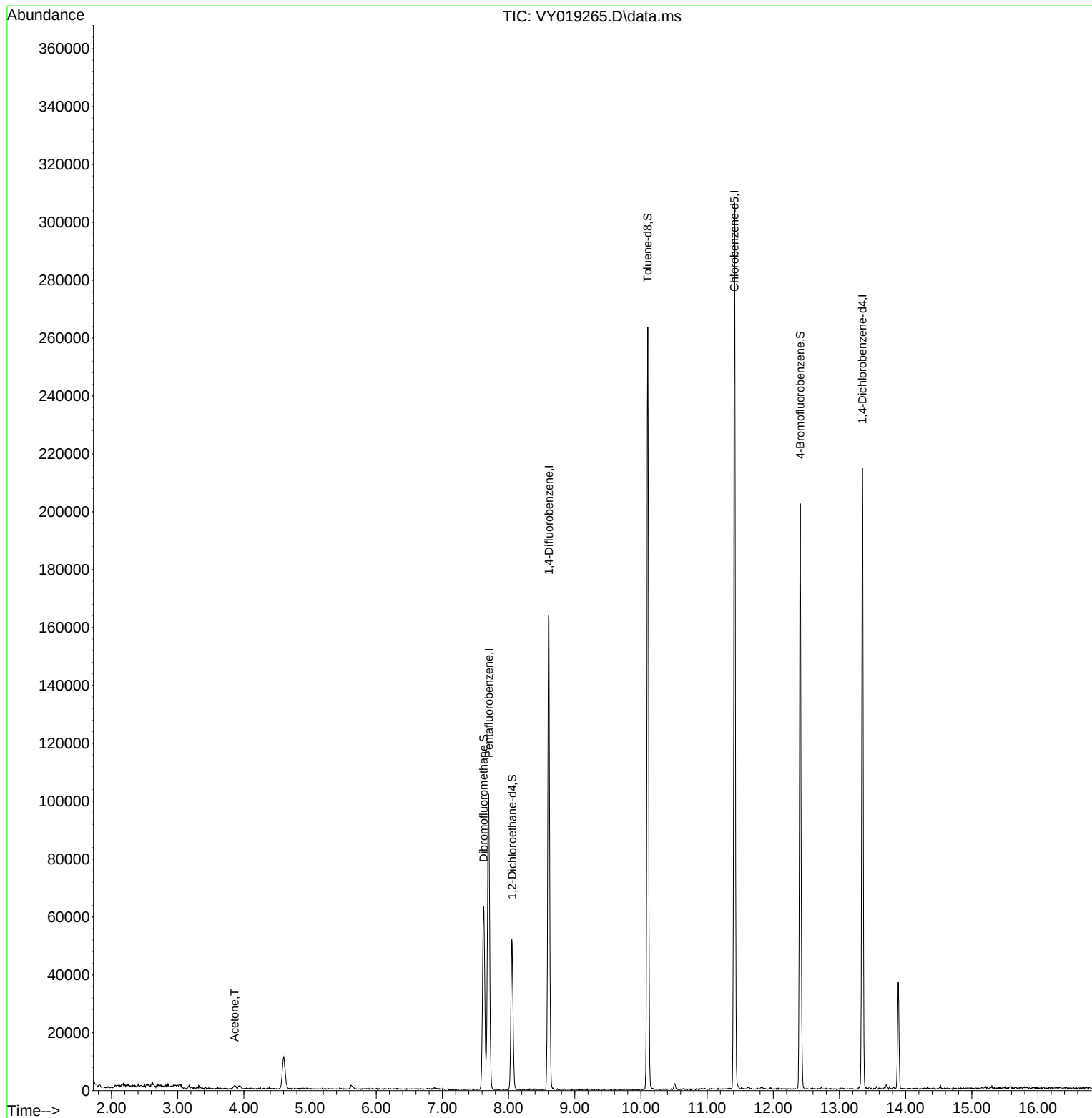
Internal Standards						
1) Pentafluorobenzene	7.701	168	80138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	144476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	161540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	52639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	39615	49.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.622	113	45068	47.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.420%
50) Toluene-d8	10.103	98	170136	50.047	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.407	95	57288	49.433	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.860%
Target Compounds						
16) Acetone	3.860	43	1929	12.948	ug/l	Qvalue # 77

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

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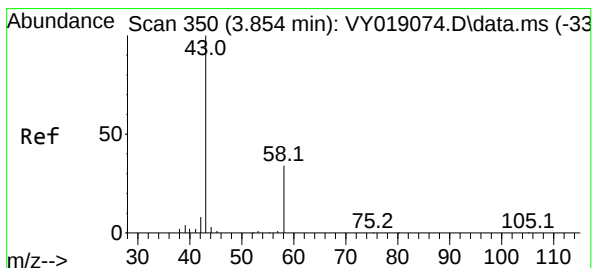
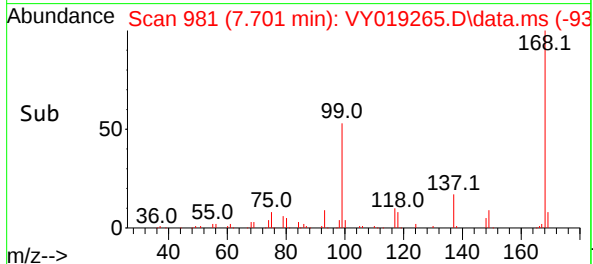
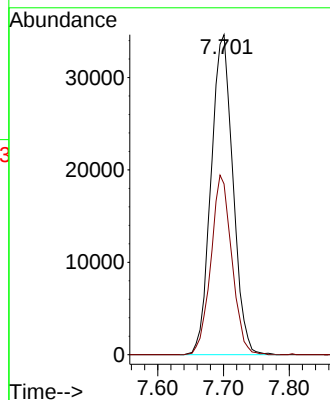
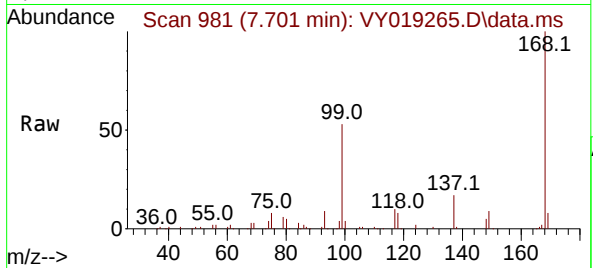




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

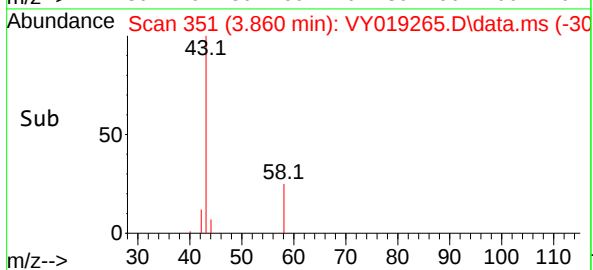
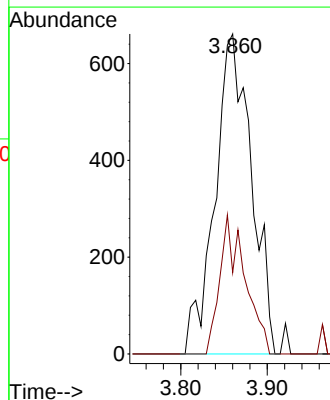
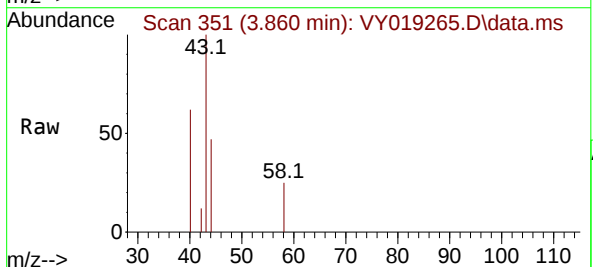
Instrument :
MSVOA_Y
ClientSampleId :
S-930-K1-SO-0-0.5-082024

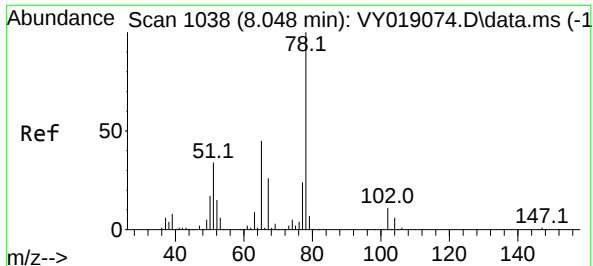
Tgt Ion:168 Resp: 80138
Ion Ratio Lower Upper
168 100
99 53.3 39.1 58.7



#16
Acetone
Concen: 12.948 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

Tgt Ion: 43 Resp: 1929
Ion Ratio Lower Upper
43 100
58 25.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 49.314 ug/l

RT: 8.054 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019265.D

Acq: 23 Aug 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

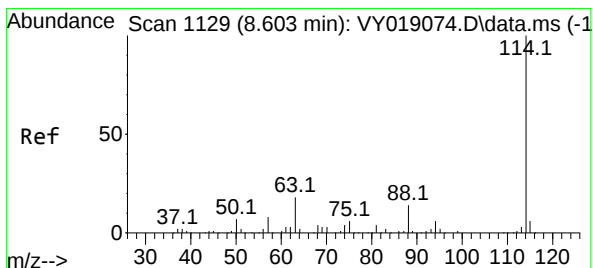
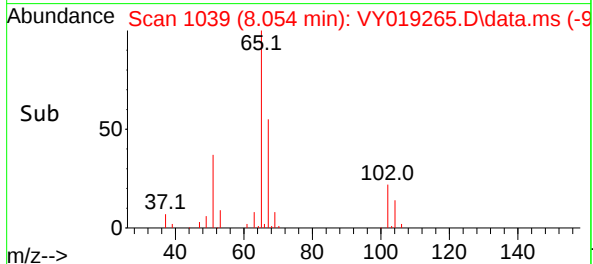
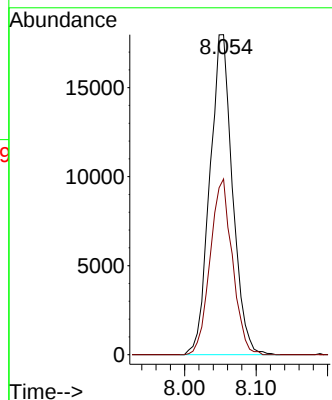
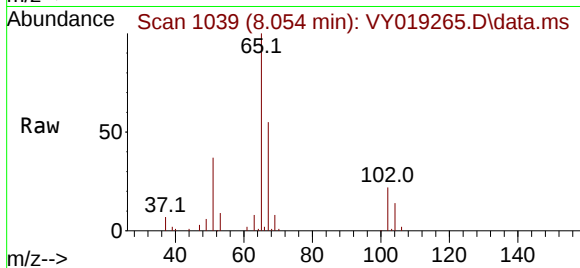
S-930-K1-SO-0-0.5-082024

Tgt Ion: 65 Resp: 39615

Ion Ratio Lower Upper

65 100

67 53.8 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: VY019265.D

Acq: 23 Aug 2024 18:20

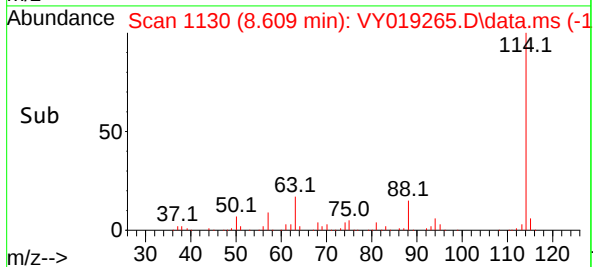
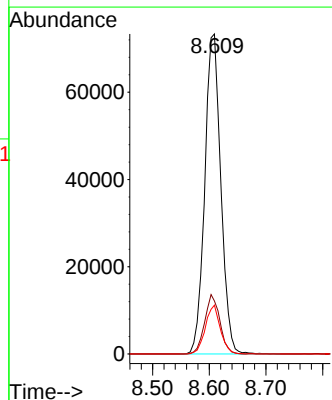
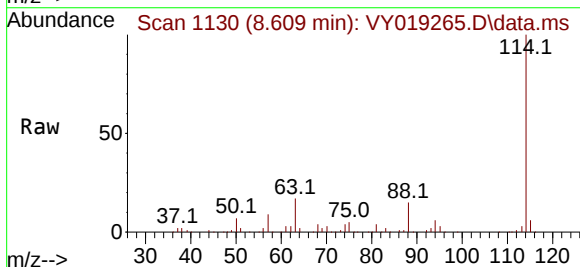
Tgt Ion: 114 Resp: 144476

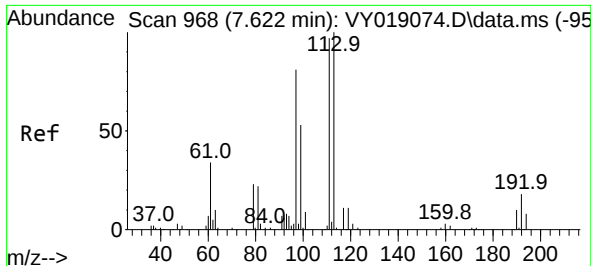
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 15.2 0.0 27.2

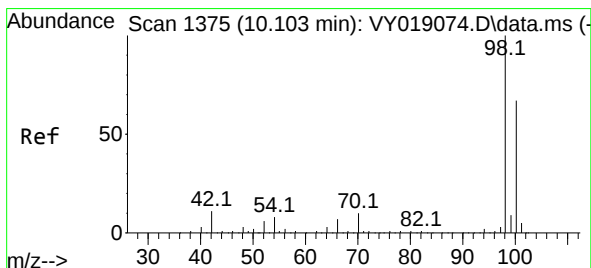
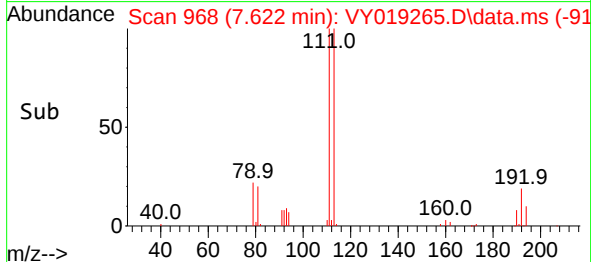
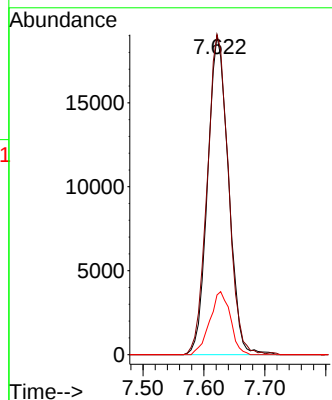
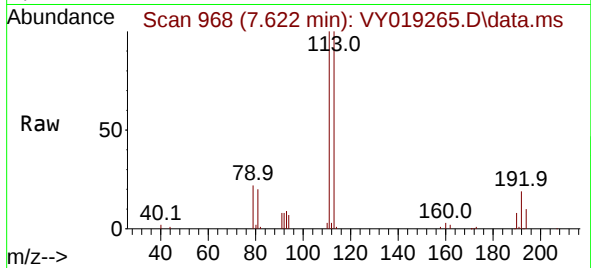




#35
Dibromofluoromethane
Concen: 47.708 ug/l
RT: 7.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

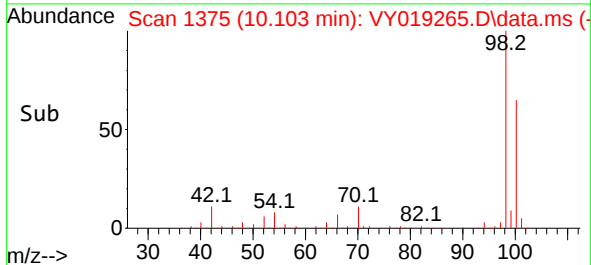
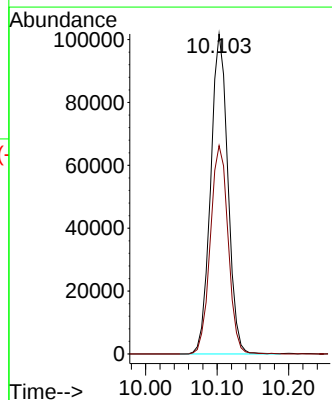
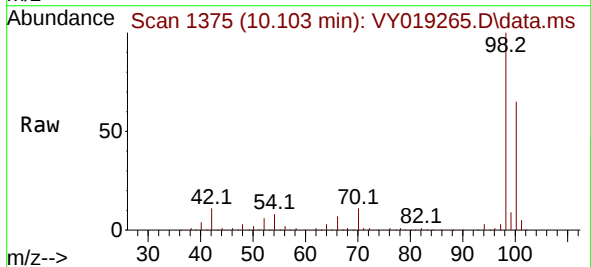
Instrument :
MSVOA_Y
ClientSampleId :
S-930-K1-SO-0-0.5-082024

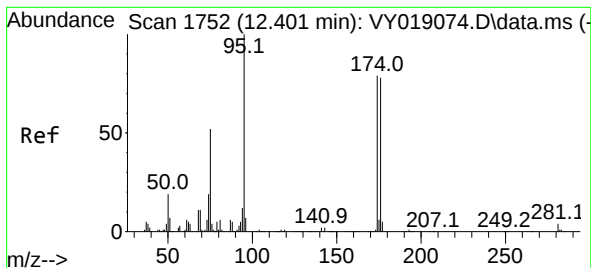
Tgt Ion:113 Resp: 45068
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 19.6 15.9 23.9



#50
Toluene-d8
Concen: 50.047 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

Tgt Ion: 98 Resp: 170136
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 49.433 ug/l

RT: 12.407 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019265.D

Acq: 23 Aug 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

S-930-K1-SO-0-0.5-082024

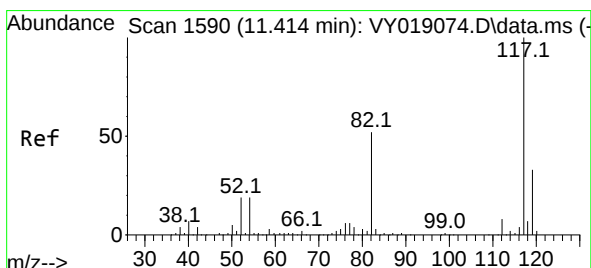
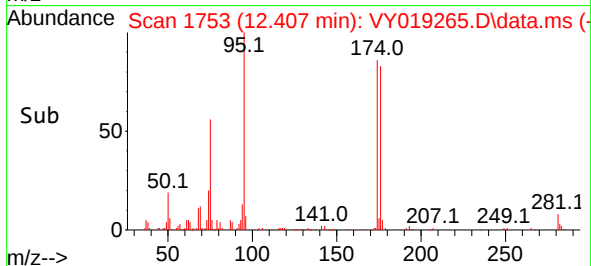
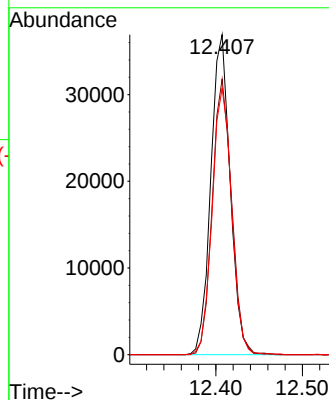
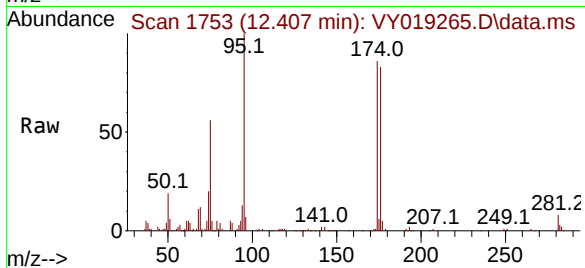
Tgt Ion: 95 Resp: 57288

Ion Ratio Lower Upper

95 100

174 86.0 0.0 175.6

176 84.2 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: VY019265.D

Acq: 23 Aug 2024 18:20

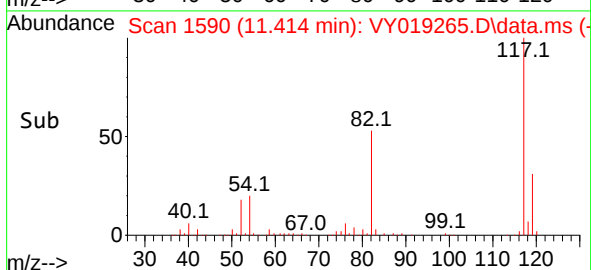
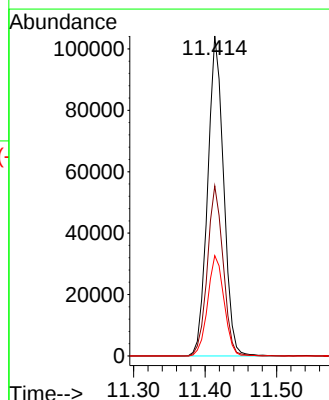
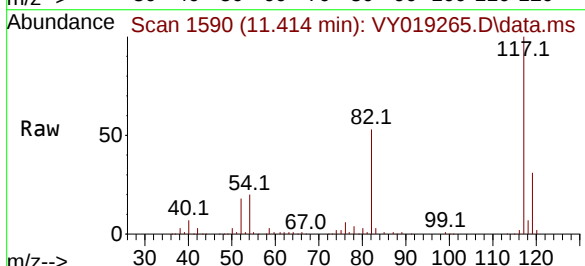
Tgt Ion: 117 Resp: 161540

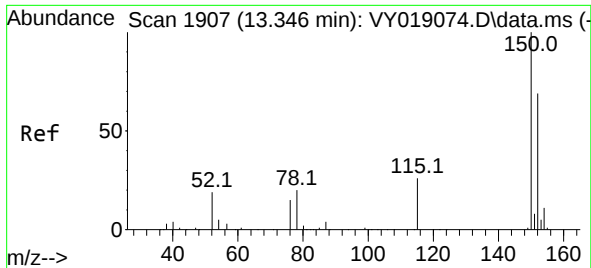
Ion Ratio Lower Upper

117 100

82 53.2 42.4 63.6

119 31.3 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: VY019265.D

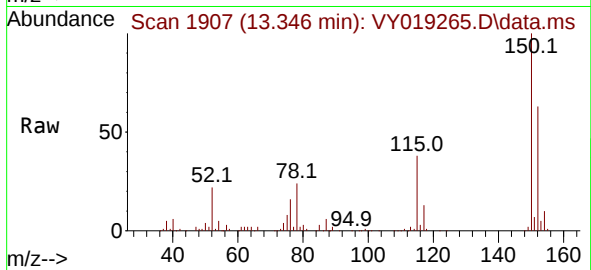
Acq: 23 Aug 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

S-930-K1-SO-0-0.5-082024



Tgt Ion:152 Resp: 52639

Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 157.3 0.0 345.6

