

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019068.D
 Acq On : 14 Aug 2024 19:09
 Operator : SY/MD
 Sample : P3600-05
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCPS-B3-081324-16-18

Quant Time: Aug 14 21:50:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.695	168	54269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	89222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	69529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	22080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	24500	51.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.840%
35) Dibromofluoromethane	7.622	113	28939	50.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.103	98	104692	47.830	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.660%
62) 4-Bromofluorobenzene	12.402	95	20673	31.835	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	63.680%

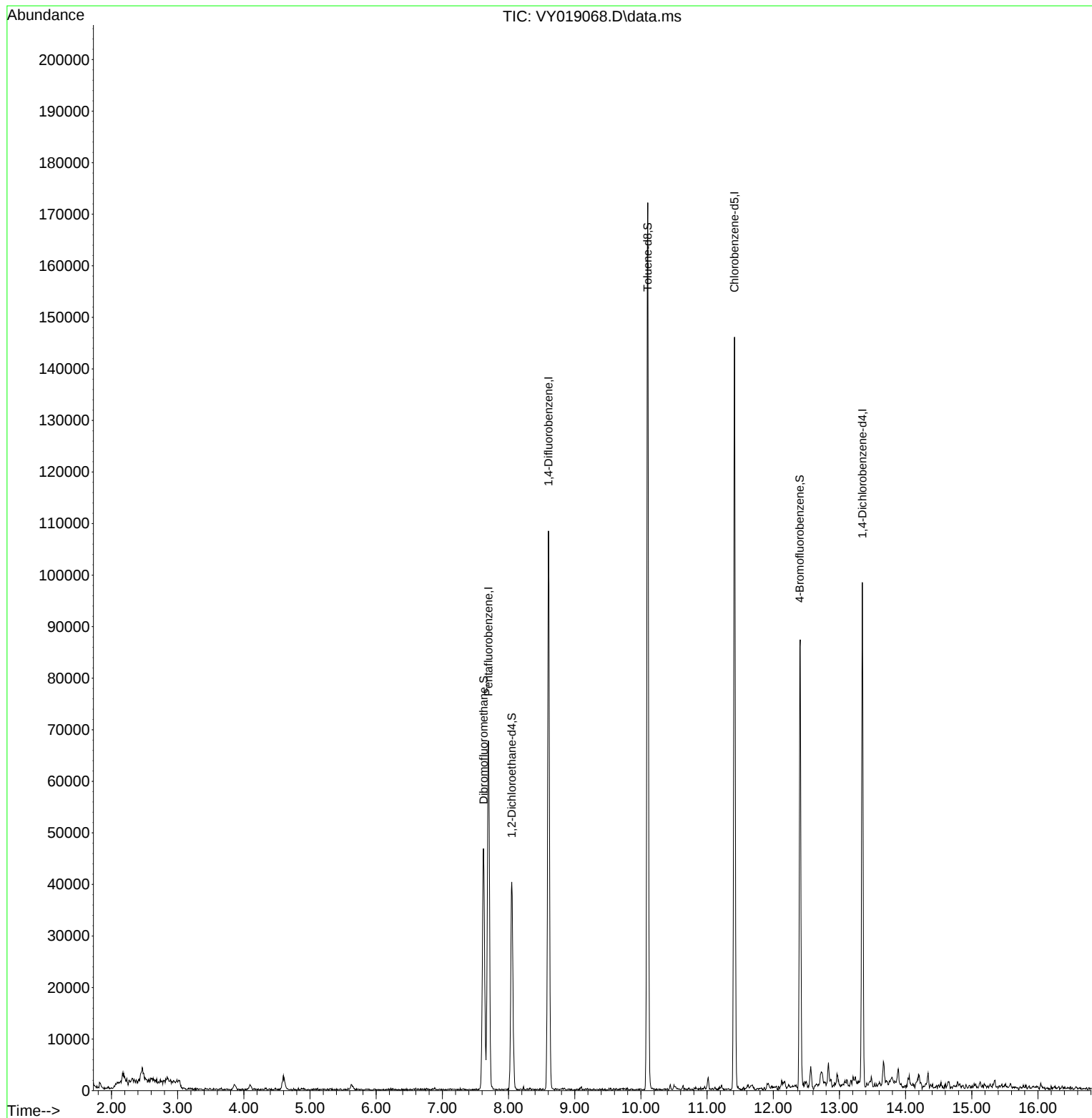
Target Compounds	Qvalue

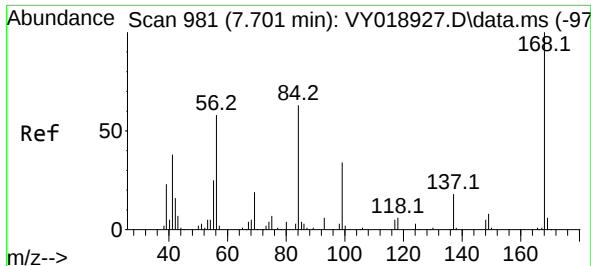
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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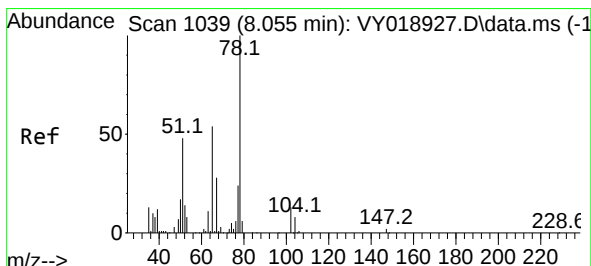
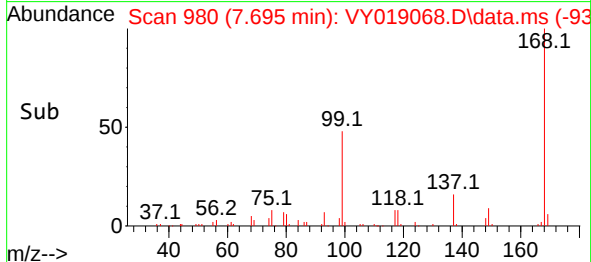
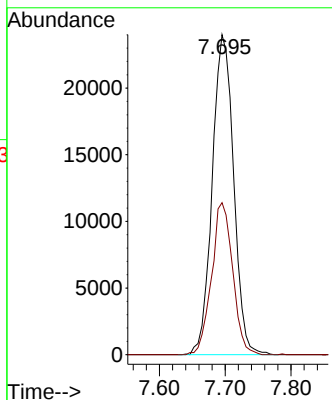
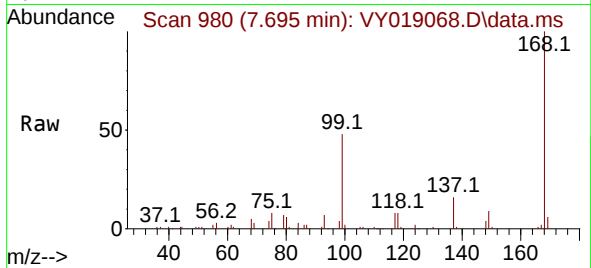




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

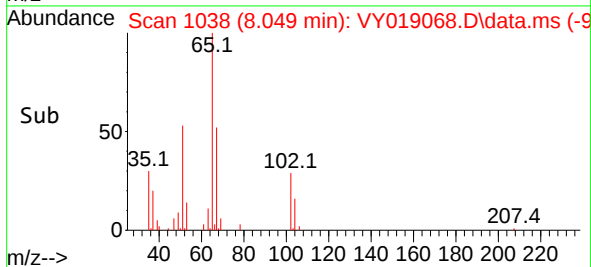
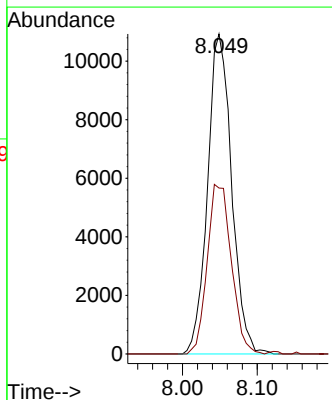
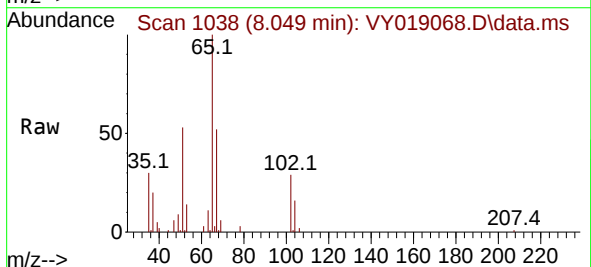
Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B3-081324-16-18

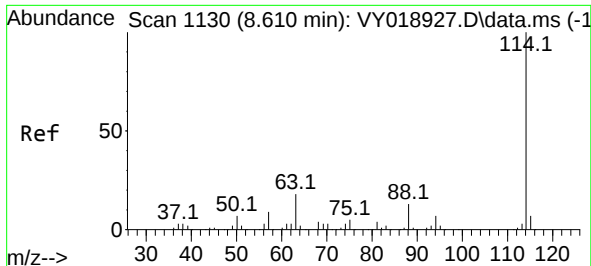
Tgt Ion:168 Resp: 54269
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.419 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

Tgt Ion: 65 Resp: 24500
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019068.D

Acq: 14 Aug 2024 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VCPS-B3-081324-16-18

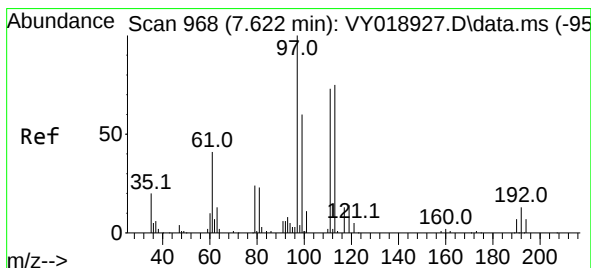
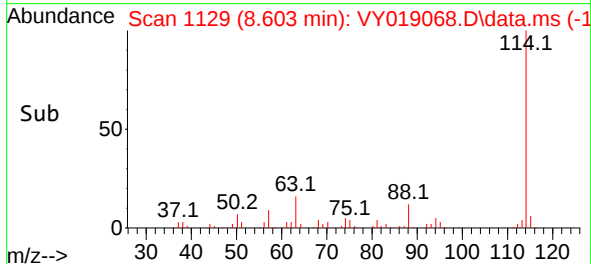
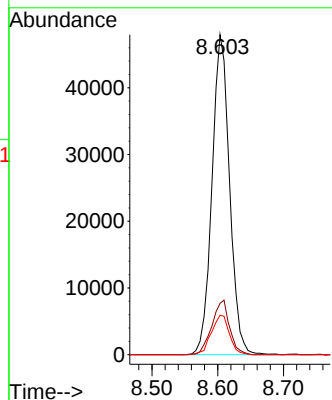
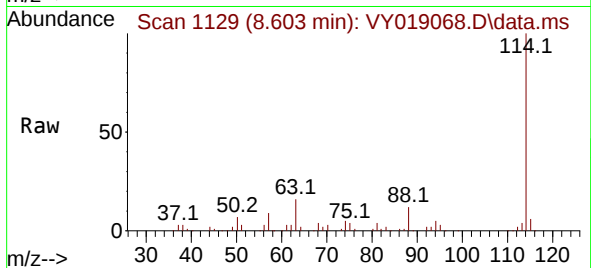
Tgt Ion:114 Resp: 89222

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 12.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.784 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019068.D

Acq: 14 Aug 2024 19:09

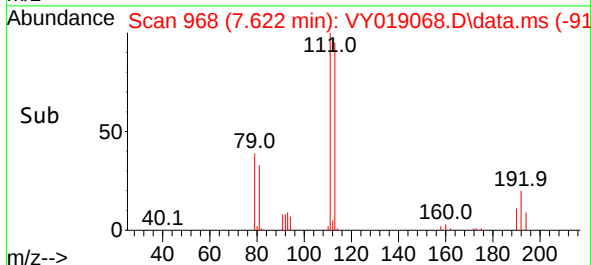
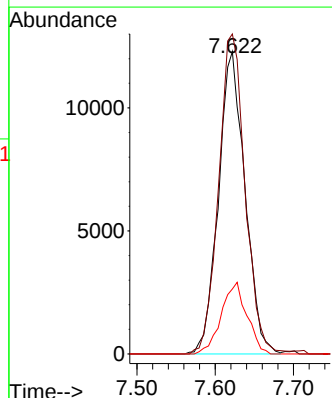
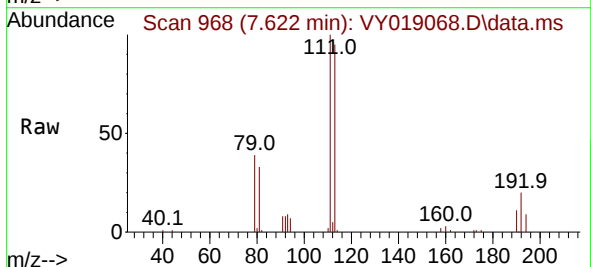
Tgt Ion:113 Resp: 28939

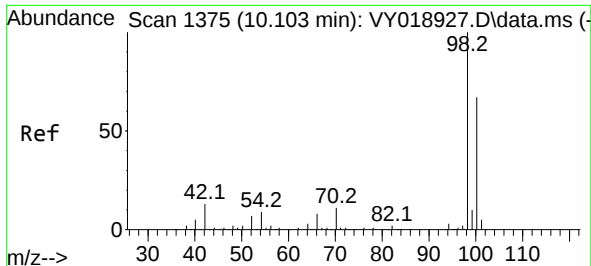
Ion Ratio Lower Upper

113 100

111 105.5 82.2 123.4

192 22.9 15.9 23.9

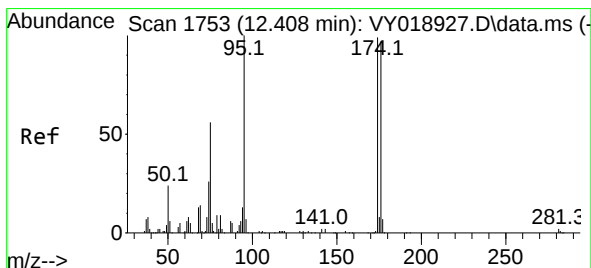
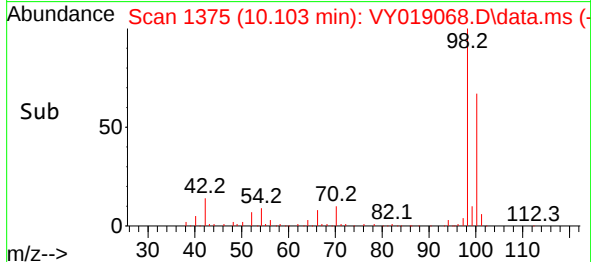
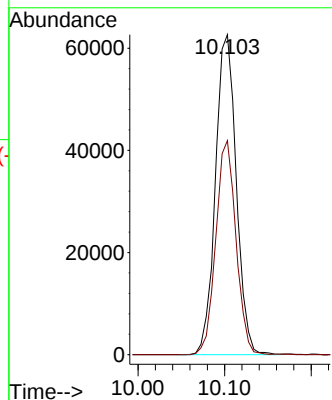
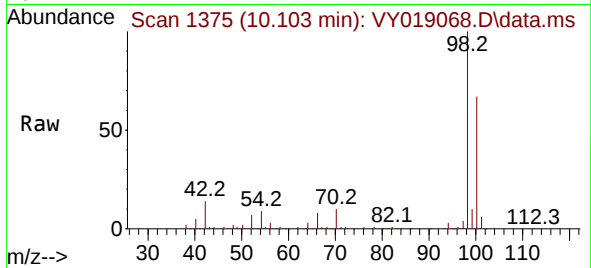




#50
Toluene-d8
Concen: 47.830 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

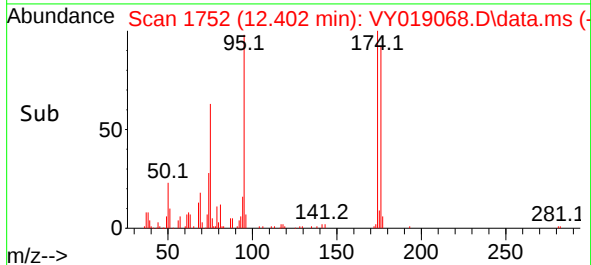
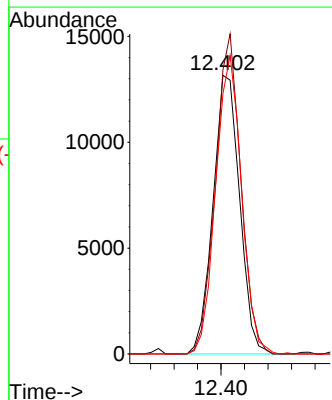
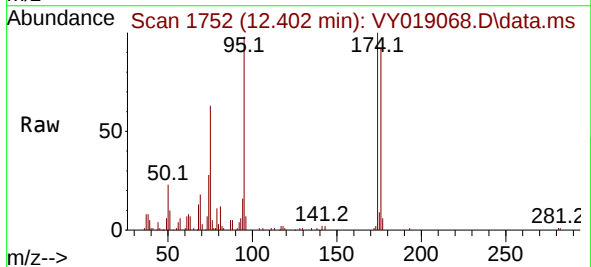
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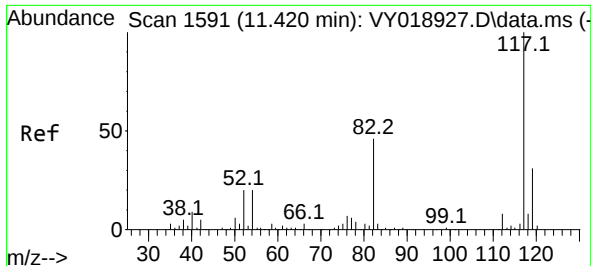
Tgt Ion: 98 Resp: 104692
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 31.835 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

Tgt Ion: 95 Resp: 20673
Ion Ratio Lower Upper
95 100
174 109.8 0.0 175.6
176 104.1 0.0 171.4

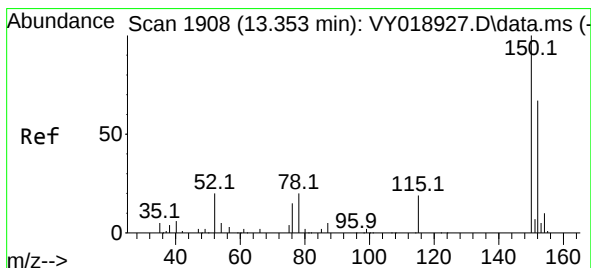
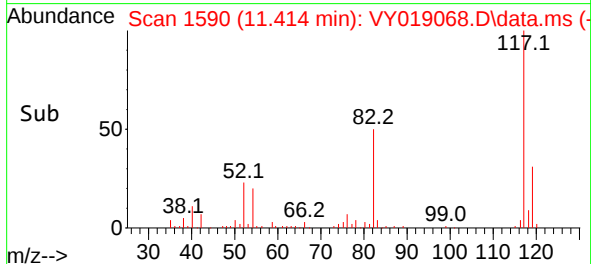
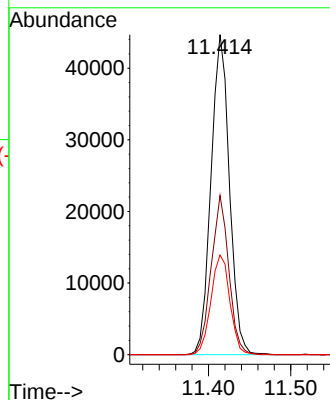
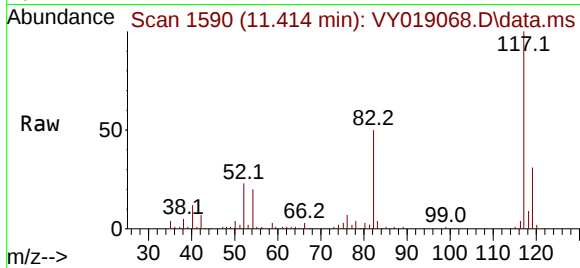




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B3-081324-16-18

Tgt Ion:117 Resp: 69529
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 31.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

Tgt Ion:152 Resp: 22080
Ion Ratio Lower Upper
152 100
115 51.0 28.2 84.7
150 152.3 0.0 345.6

