

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019124.D
 Acq On : 19 Aug 2024 18:11
 Operator : SY/MD
 Sample : P3617-11
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCPS-B5-081424-0-2

Quant Time: Aug 20 01:48:54 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	20769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	31514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	26779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	7918	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	9092	43.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.340%
35) Dibromofluoromethane	7.622	113	10699	51.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.840%
50) Toluene-d8	10.103	98	34582	46.636	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.401	95	8939	35.362	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.720%

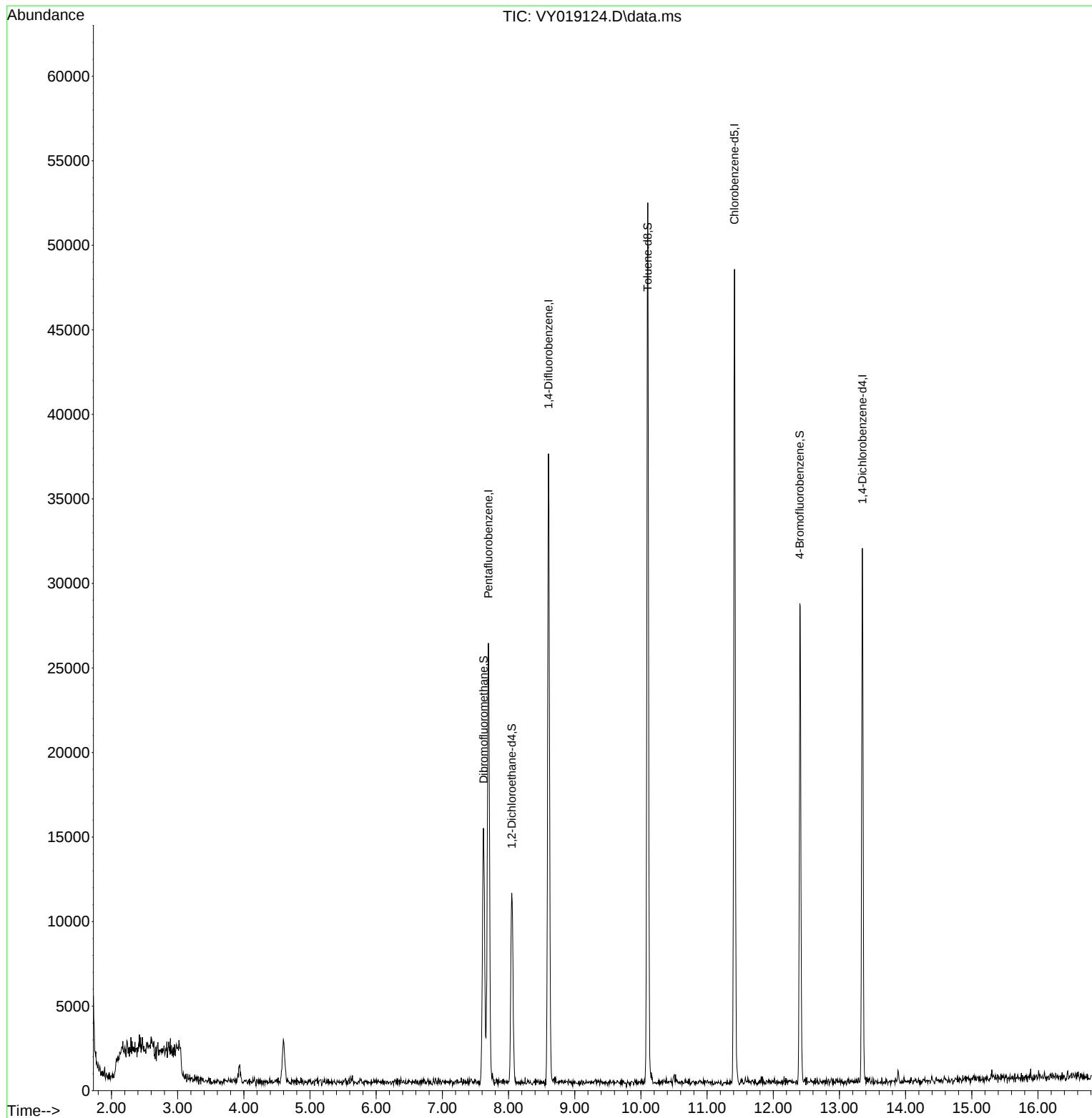
Target Compounds	Qvalue

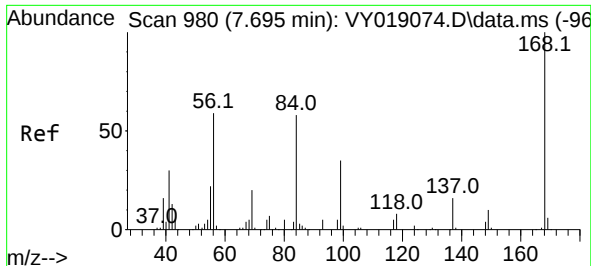
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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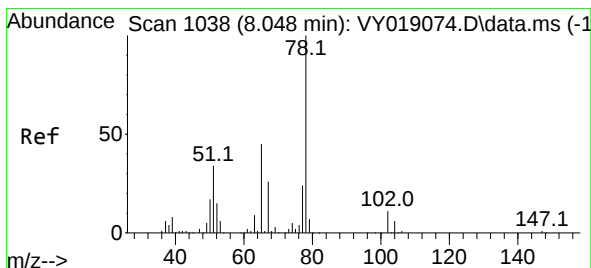
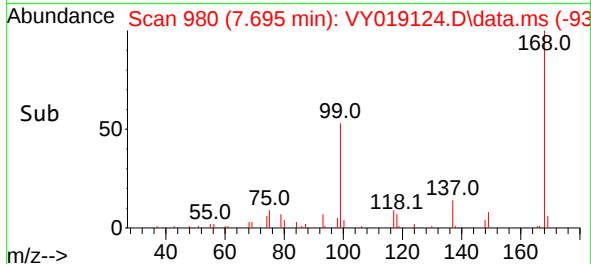
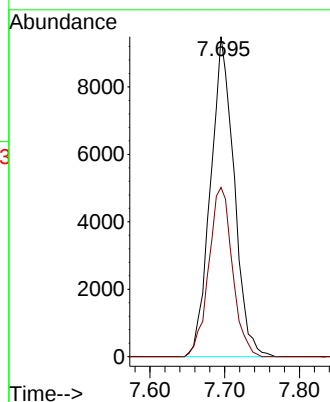
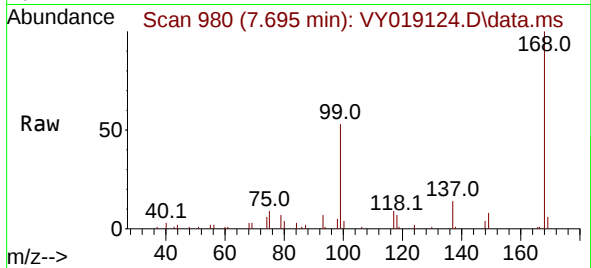




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

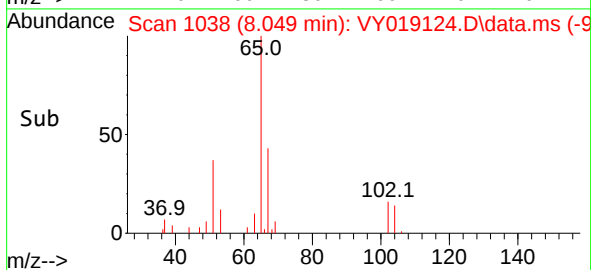
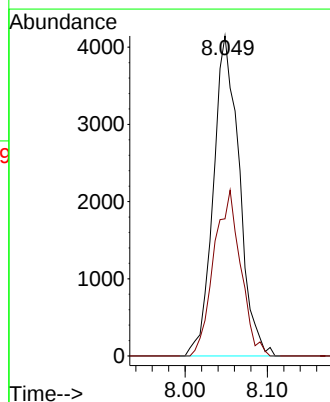
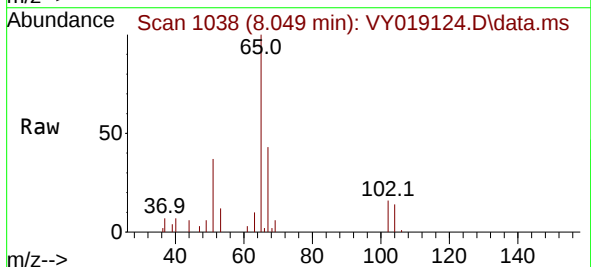
Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B5-081424-0-2

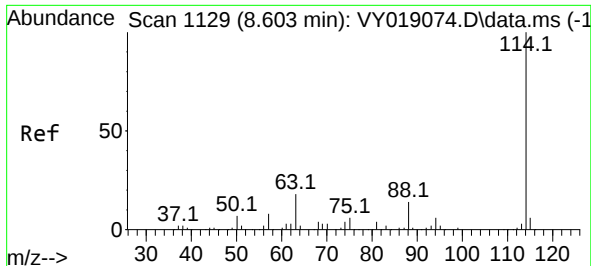
Tgt Ion:168 Resp: 20769
Ion Ratio Lower Upper
168 100
99 52.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.671 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

Tgt Ion: 65 Resp: 9092
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019124.D

Acq: 19 Aug 2024 18:11

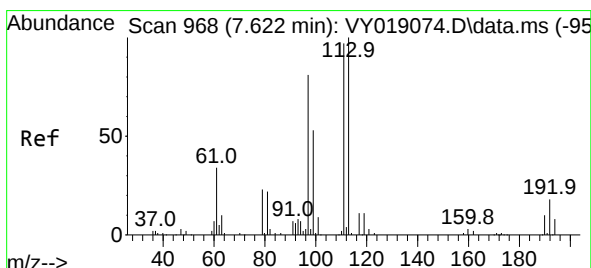
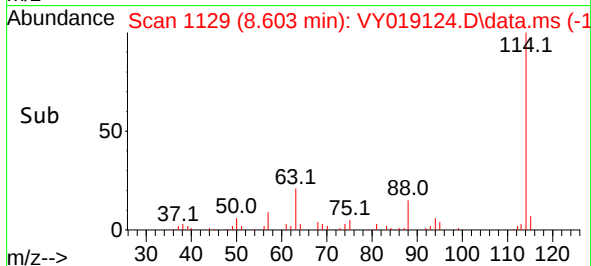
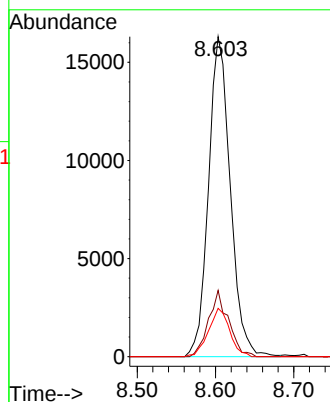
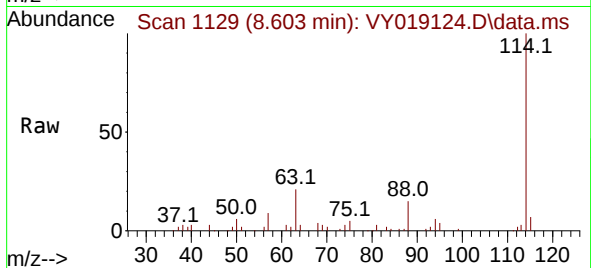
Instrument :

MSVOA_Y

ClientSampleId :

VCPS-B5-081424-0-2

Tgt Ion:	114	Resp:	31514
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	35.0
88	15.1	0.0	27.2



#35

Dibromofluoromethane

Concen: 51.922 ug/l

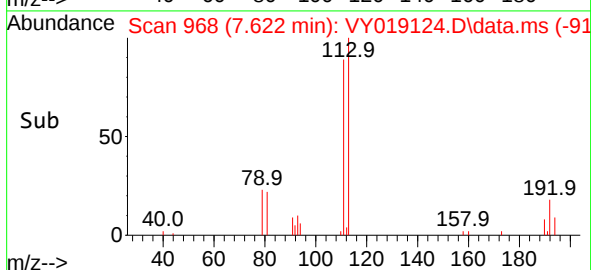
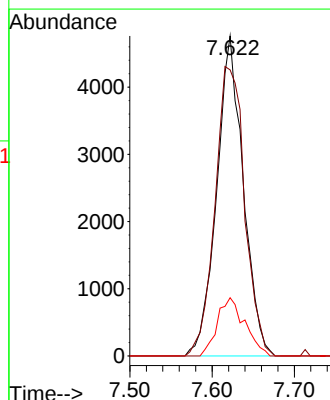
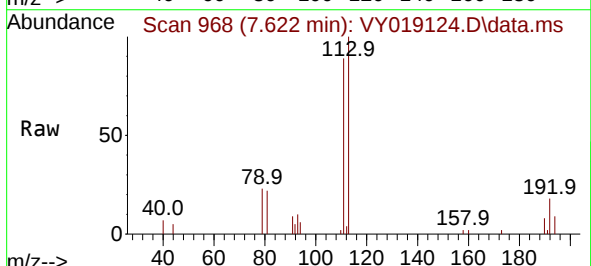
RT: 7.622 min Scan# 968

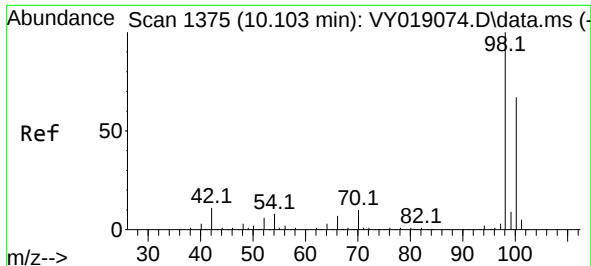
Delta R.T. 0.000 min

Lab File: VY019124.D

Acq: 19 Aug 2024 18:11

Tgt Ion:	113	Resp:	10699
Ion Ratio	Lower	Upper	
113	100		
111	100.8	82.2	123.4
192	18.9	15.9	23.9

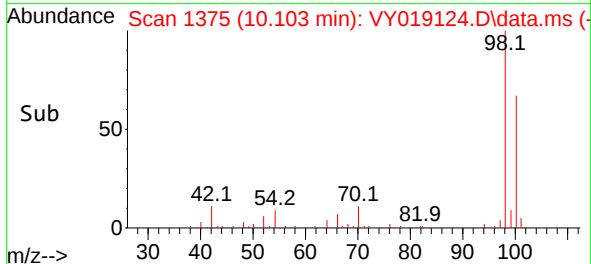
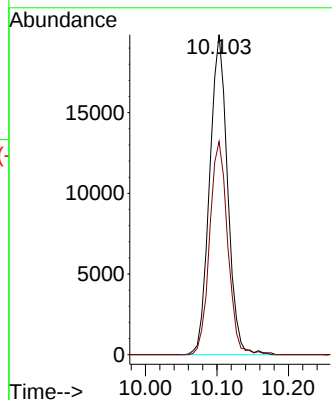
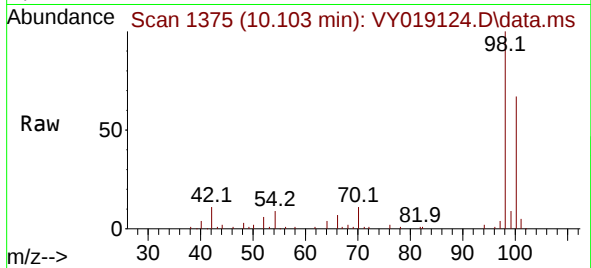




#50
Toluene-d8
Concen: 46.636 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

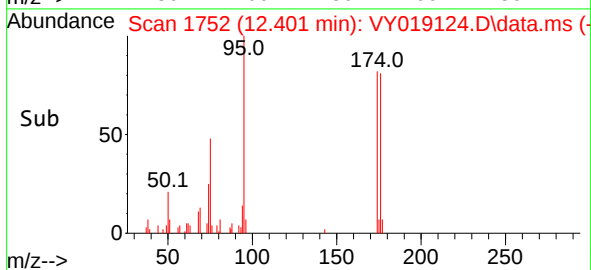
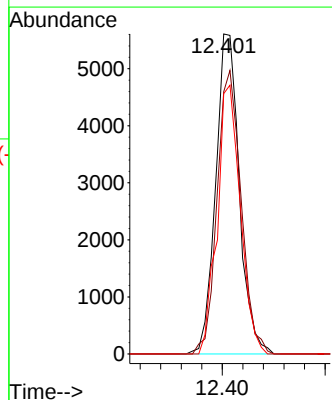
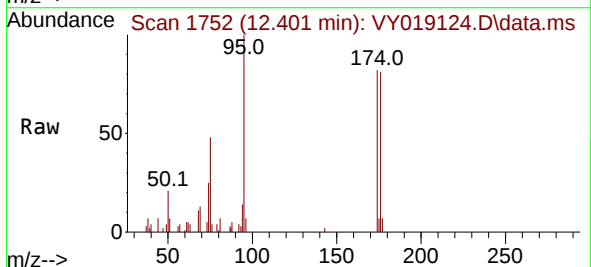
Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B5-081424-0-2

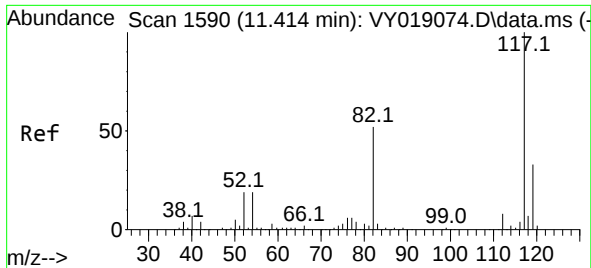
Tgt Ion: 98 Resp: 34582
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.362 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

Tgt Ion: 95 Resp: 8939
Ion Ratio Lower Upper
95 100
174 89.8 0.0 175.6
176 82.2 0.0 171.4

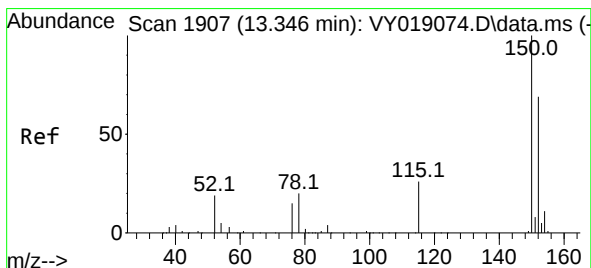
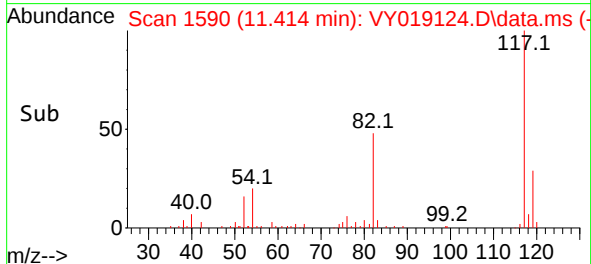
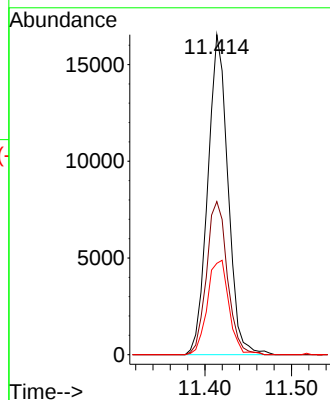
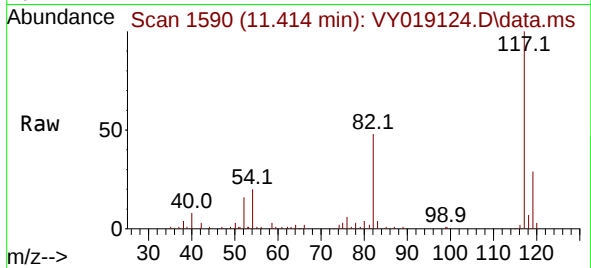




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B5-081424-0-2

Tgt Ion:117	Resp:	26779
Ion	Ratio	Lower Upper
117	100	
82	47.9	42.4 63.6
119	28.5	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: VY019124.D
Acq: 19 Aug 2024 18:11

Tgt Ion:152	Resp:	7918
Ion	Ratio	Lower Upper
152	100	
115	58.0	28.2 84.7
150	162.6	0.0 345.6

