

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019067.D
 Acq On : 14 Aug 2024 18:44
 Operator : SY/MD
 Sample : P3600-03
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCPS-B3-081324-0-2

Quant Time: Aug 14 21:49:56 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	53708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	92441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	83590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	34546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	26455	56.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.200%
35) Dibromofluoromethane	7.622	113	30093	50.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.940%
50) Toluene-d8	10.103	98	109835	48.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.402	95	29678	44.111	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.220%

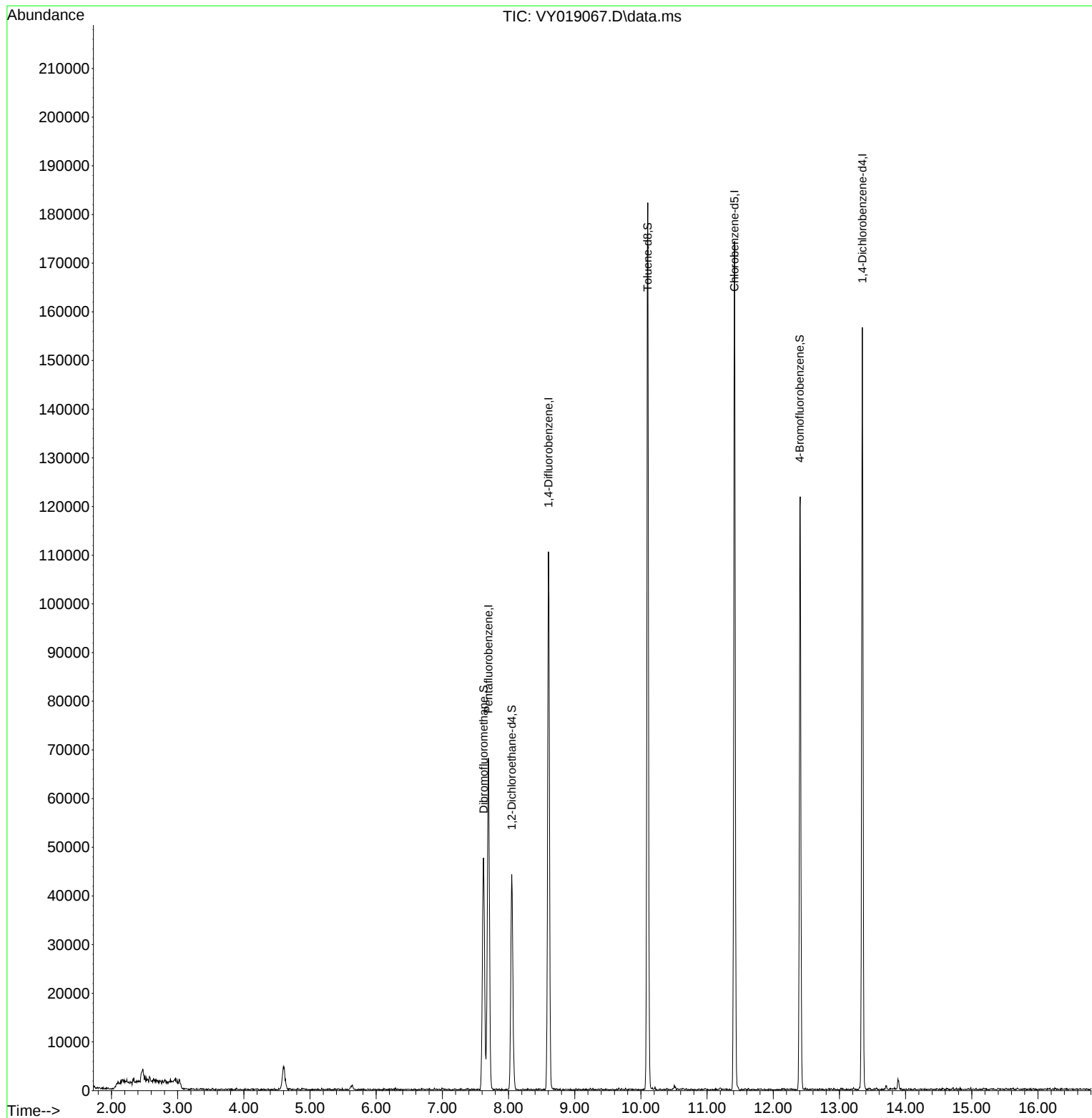
Target Compounds	Qvalue

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

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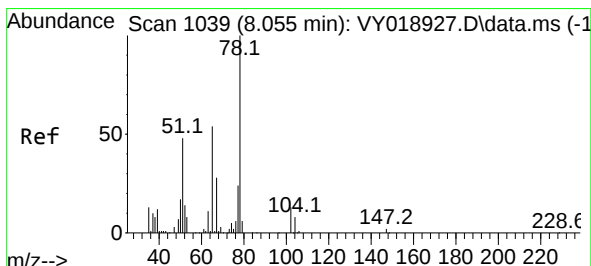
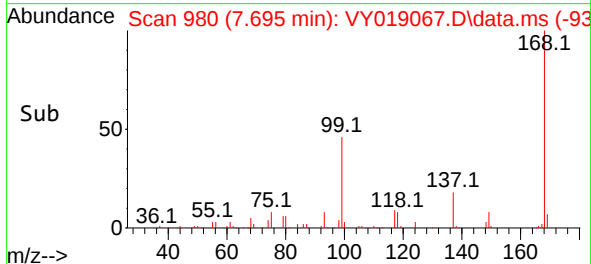
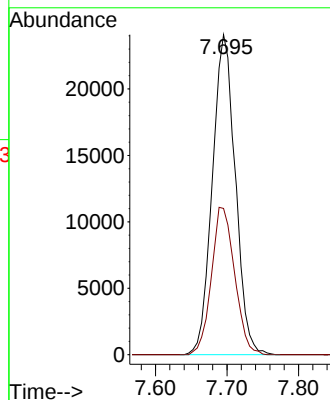
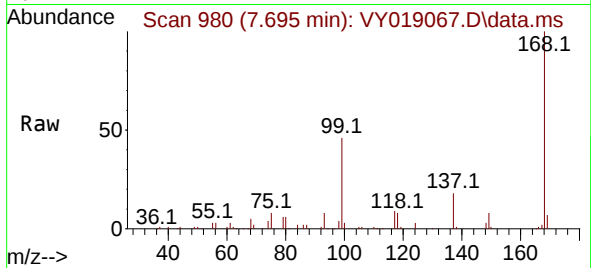




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019067.D
Acq: 14 Aug 2024 18:44

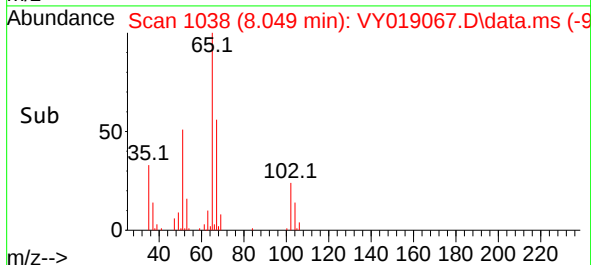
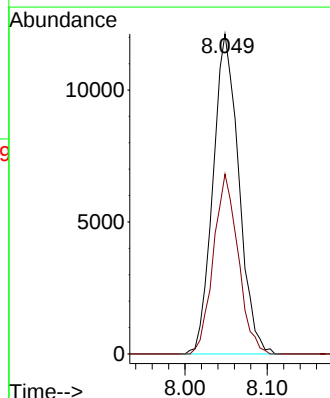
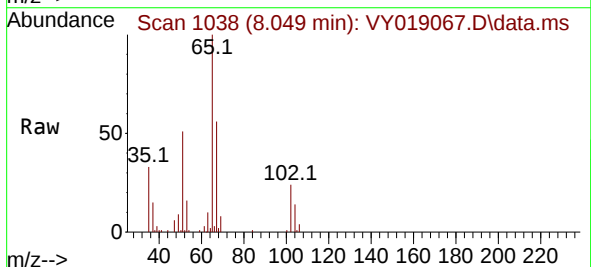
Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B3-081324-0-2

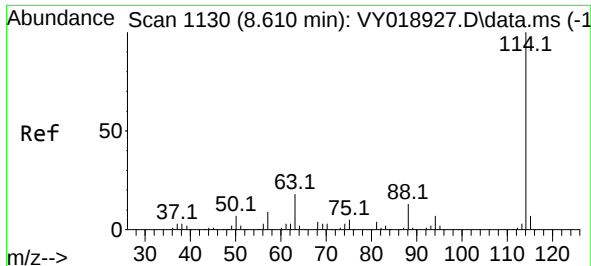
Tgt Ion:168 Resp: 53708
Ion Ratio Lower Upper
168 100
99 45.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.102 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019067.D
Acq: 14 Aug 2024 18:44

Tgt Ion: 65 Resp: 26455
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6

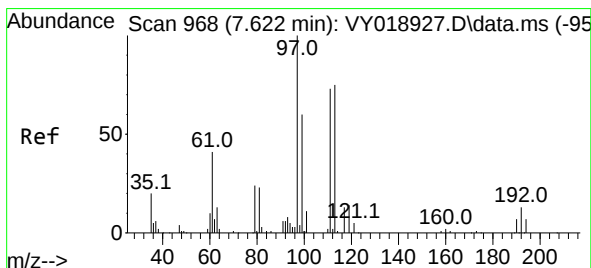
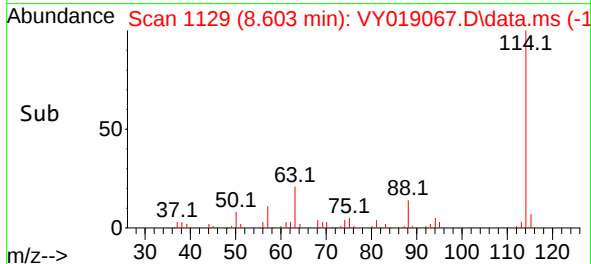
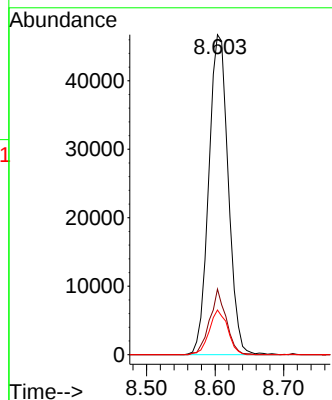
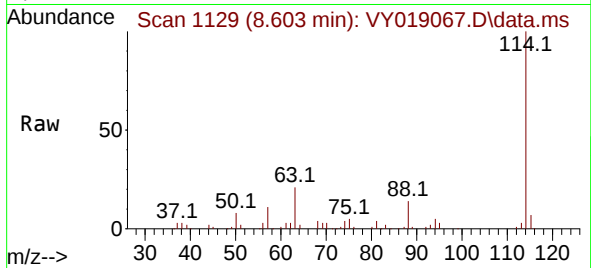




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY019067.D
Acq: 14 Aug 2024 18:44

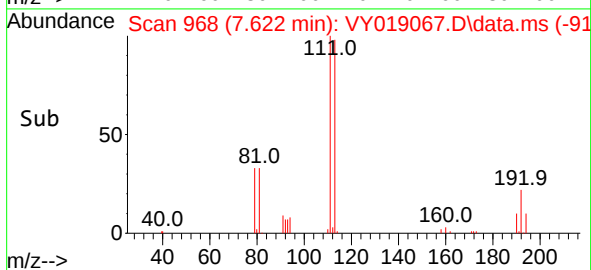
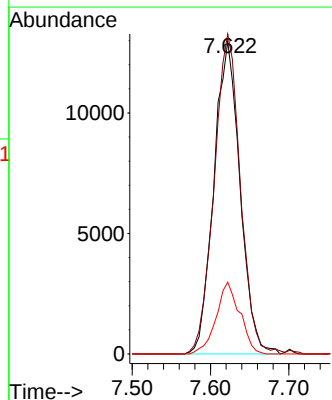
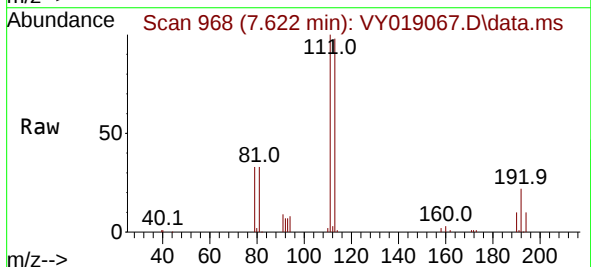
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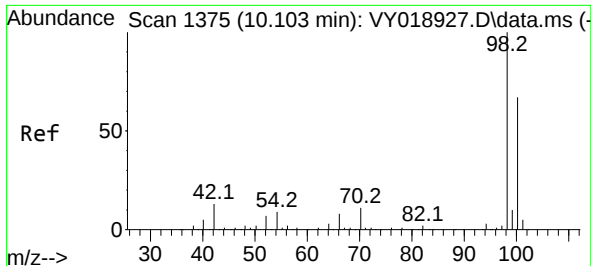
Tgt Ion:	114	Resp:	92441
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	35.0
88	13.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 50.970 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY019067.D
Acq: 14 Aug 2024 18:44

Tgt Ion:	113	Resp:	30093
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.2	123.4
192	20.8	15.9	23.9

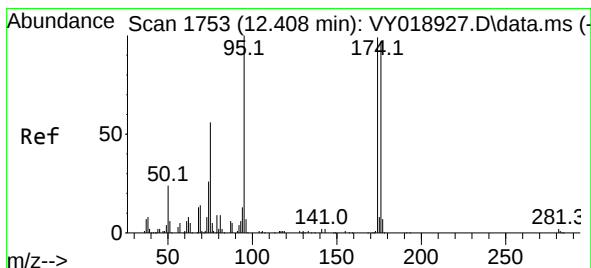
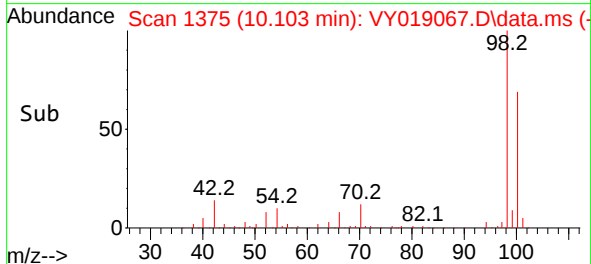
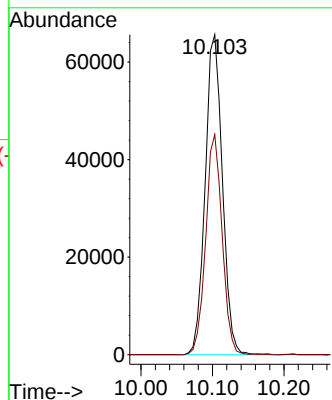
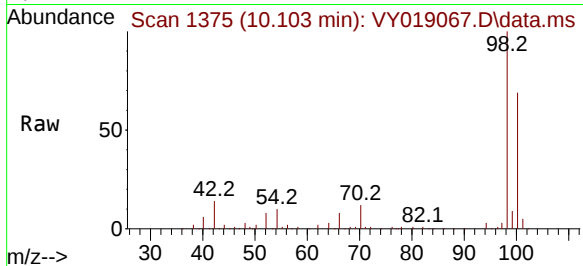




#50
Toluene-d8
Concen: 48.433 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019067.D
Acq: 14 Aug 2024 18:44

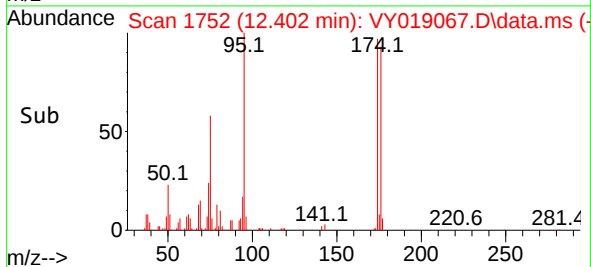
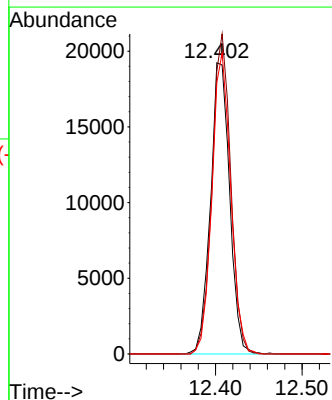
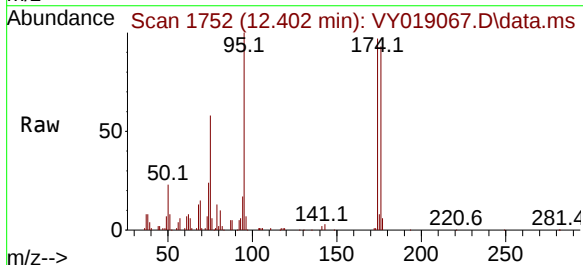
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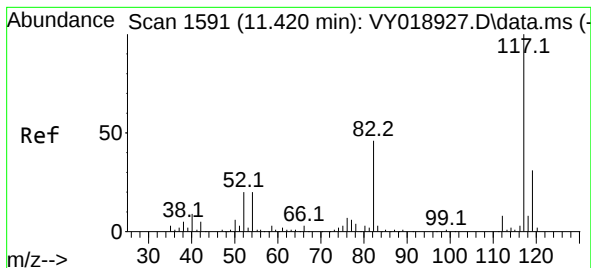
Tgt Ion: 98 Resp: 109835
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.111 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019067.D
Acq: 14 Aug 2024 18:44

Tgt Ion: 95 Resp: 29678
Ion Ratio Lower Upper
95 100
174 106.5 0.0 175.6
176 100.8 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: VY019067.D

Acq: 14 Aug 2024 18:44

Instrument :

MSVOA_Y

ClientSampleId :

VCPS-B3-081324-0-2

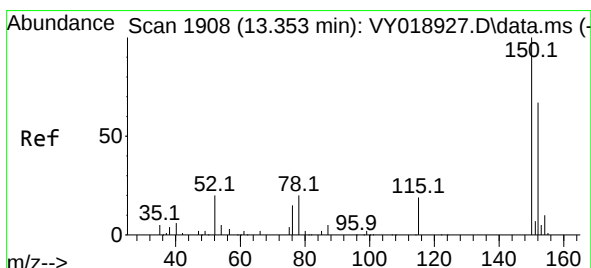
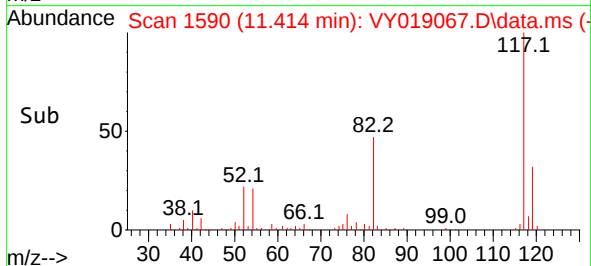
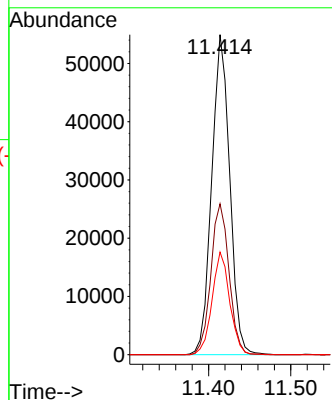
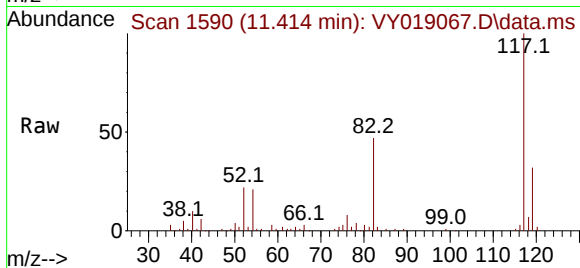
Tgt Ion:117 Resp: 83590

Ion Ratio Lower Upper

117 100

82 47.1 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019067.D

Acq: 14 Aug 2024 18:44

Tgt Ion:152 Resp: 34546

Ion Ratio Lower Upper

152 100

115 51.8 28.2 84.7

150 160.2 0.0 345.6

