

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019935.D
 Acq On : 17 Oct 2024 16:24
 Operator : SY/MD
 Sample : P4417-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOPPER-C-SOLID

Quant Time: Oct 18 01:43:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	11420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	19966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	16043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	3223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	8522	60.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.220%
35) Dibromofluoromethane	7.640	113	7182	54.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.020%
50) Toluene-d8	10.109	98	23132	47.543	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.407	95	5701	32.428	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	64.860%

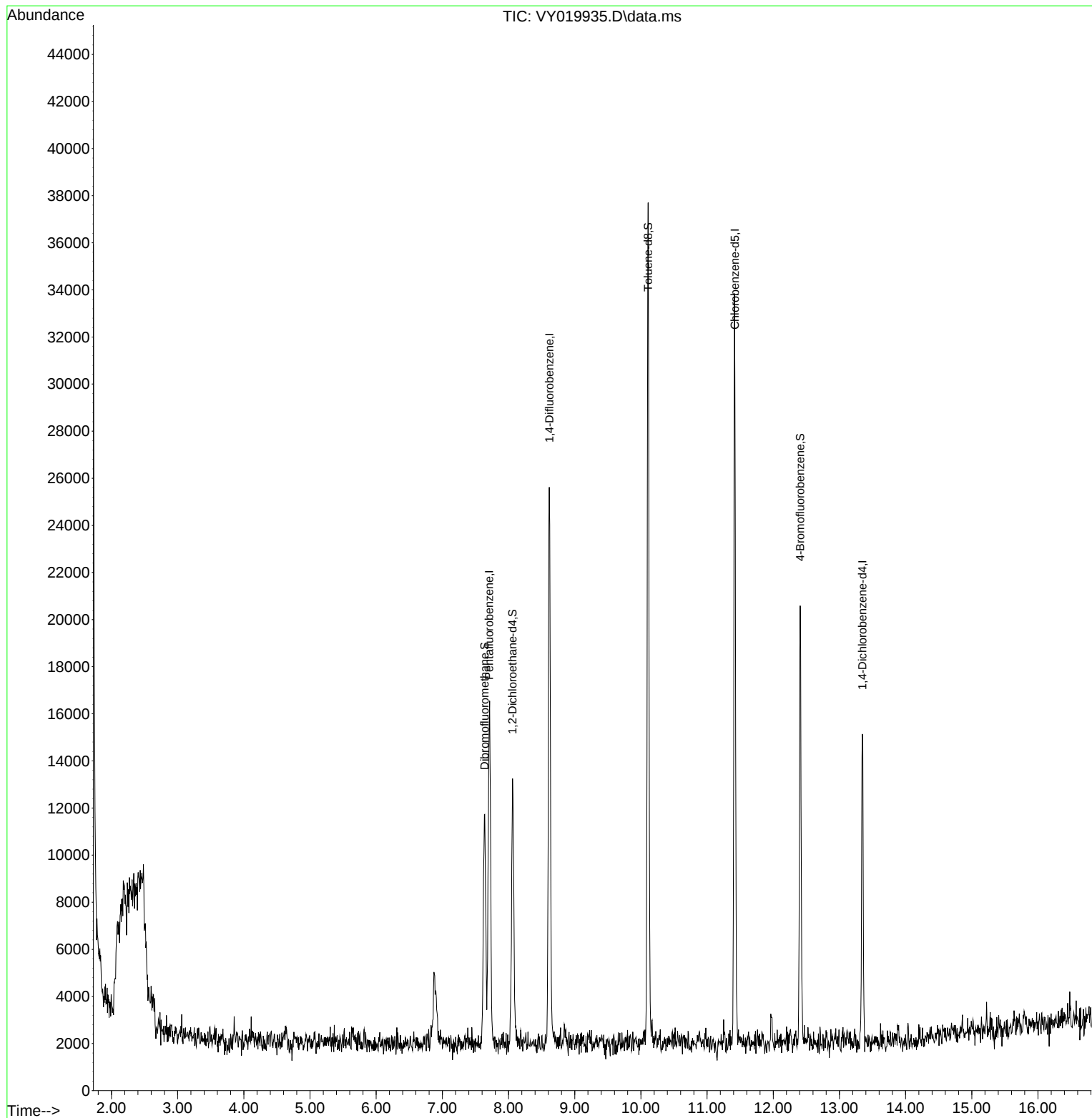
Target Compounds	Qvalue

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

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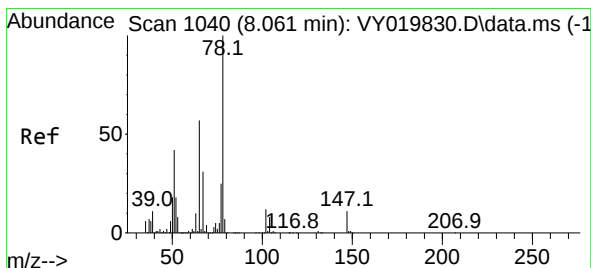
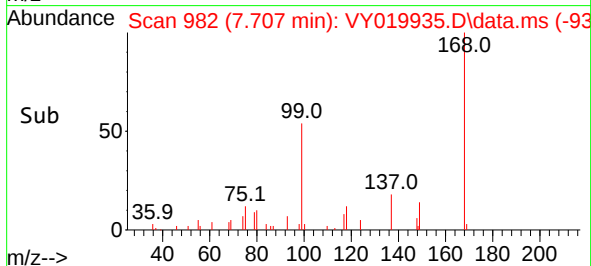
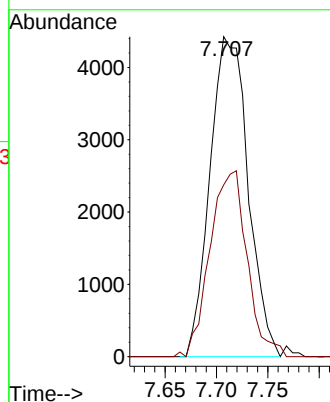
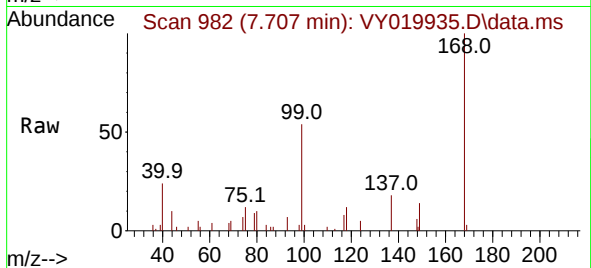




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019935.D
Acq: 17 Oct 2024 16:24

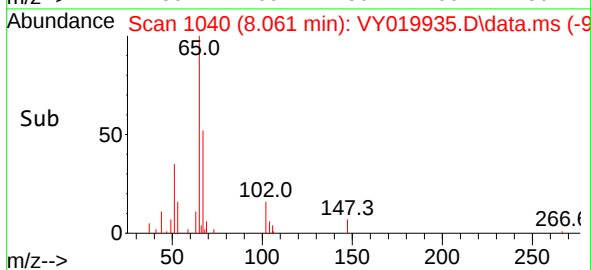
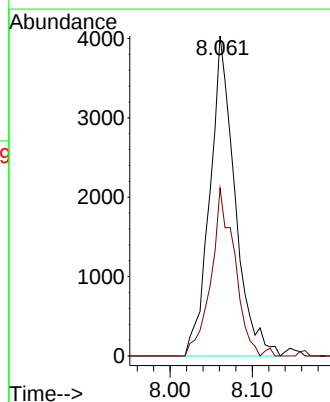
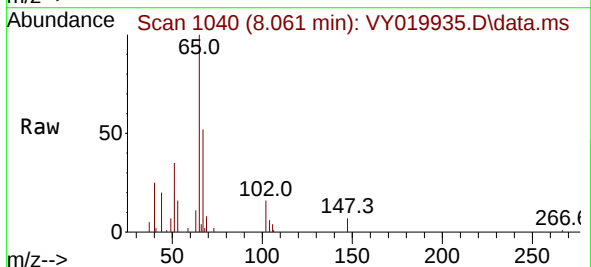
Instrument :
MSVOA_Y
ClientSampleId :
HOPPER-C-SOLID

Tgt Ion:168 Resp: 11420
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.606 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019935.D
Acq: 17 Oct 2024 16:24

Tgt Ion: 65 Resp: 8522
Ion Ratio Lower Upper
65 100
67 49.2 0.0 109.6

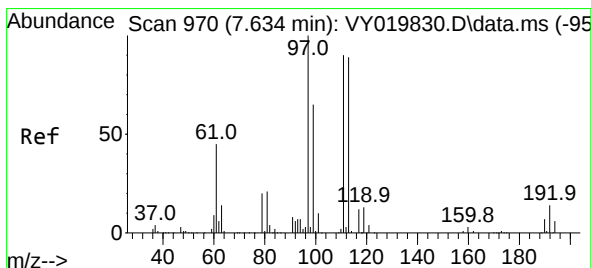
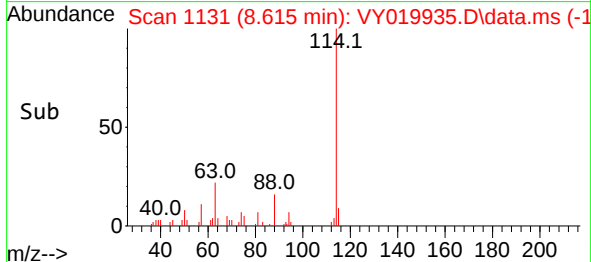
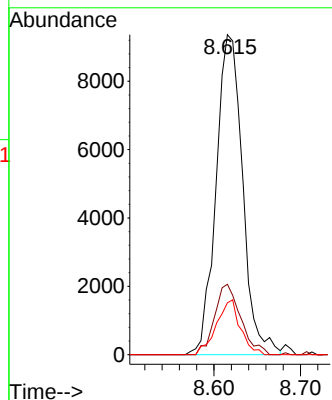
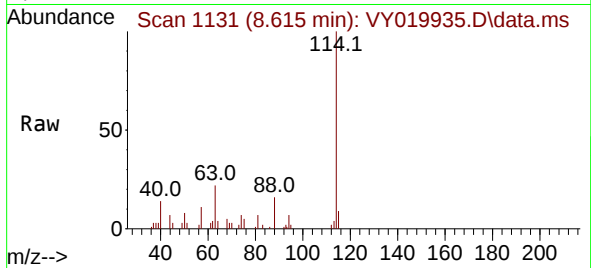




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019935.D
Acq: 17 Oct 2024 16:24

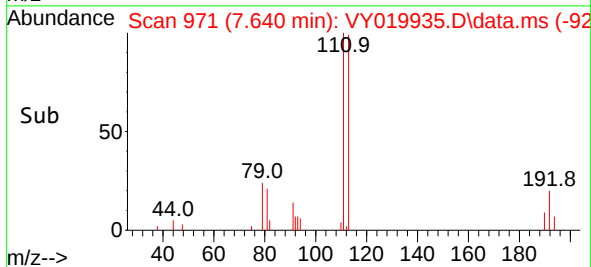
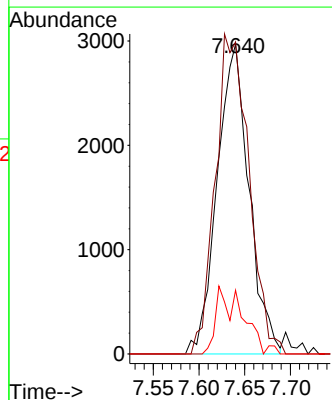
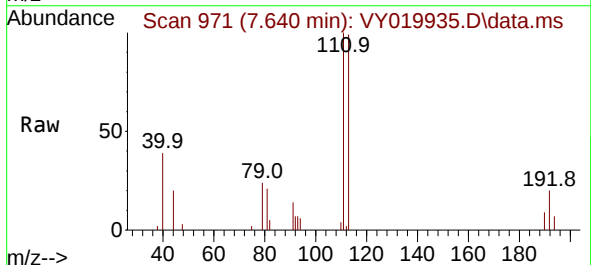
Instrument :
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ClientSampleId :
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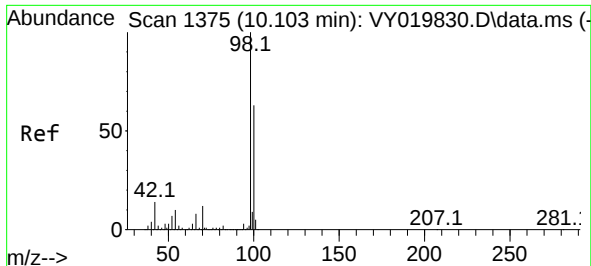
Tgt Ion:	114	Resp:	19966
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	35.0
88	16.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 54.511 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019935.D
Acq: 17 Oct 2024 16:24

Tgt Ion:	113	Resp:	7182
Ion Ratio	Lower	Upper	
113	100		
111	108.9	82.2	123.4
192	8.6	15.9	23.9#

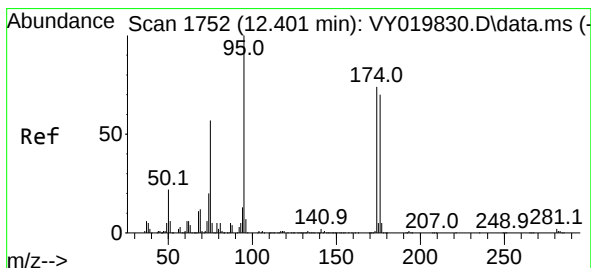
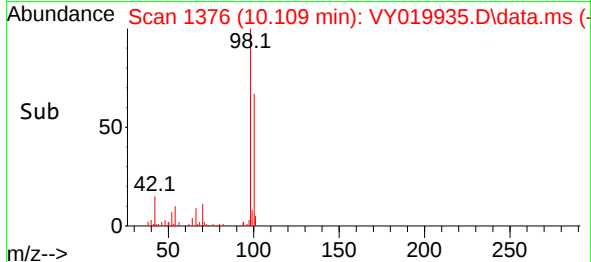
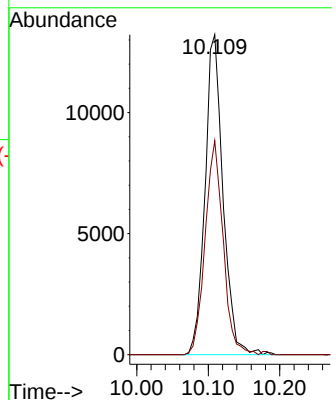
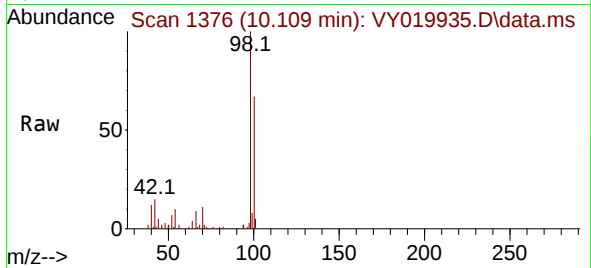




#50
Toluene-d8
Concen: 47.543 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019935.D
Acq: 17 Oct 2024 16:24

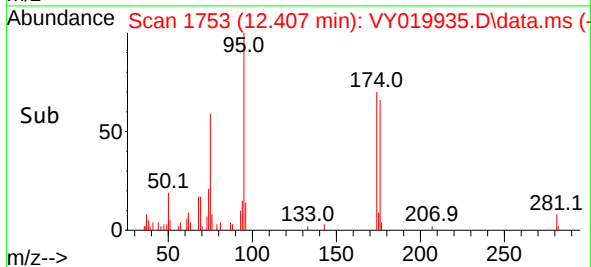
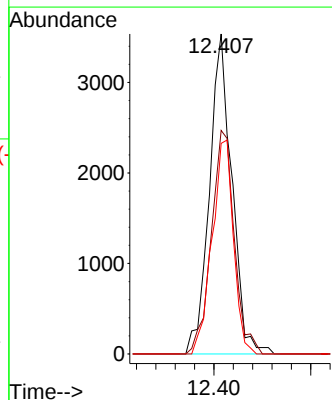
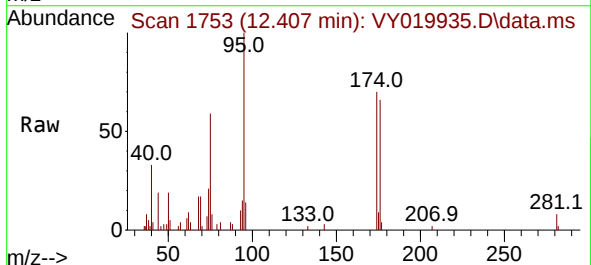
Instrument :
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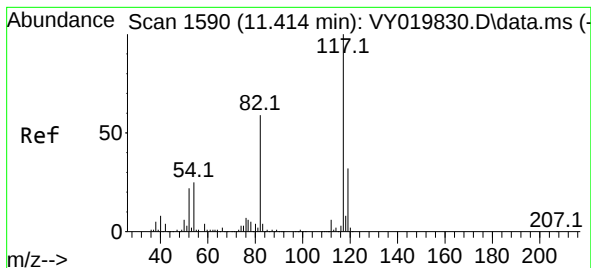
Tgt Ion: 98 Resp: 23132
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.428 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019935.D
Acq: 17 Oct 2024 16:24

Tgt Ion: 95 Resp: 5701
Ion Ratio Lower Upper
95 100
174 71.5 0.0 175.6
176 63.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019935.D

Acq: 17 Oct 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

HOPPER-C-SOLID

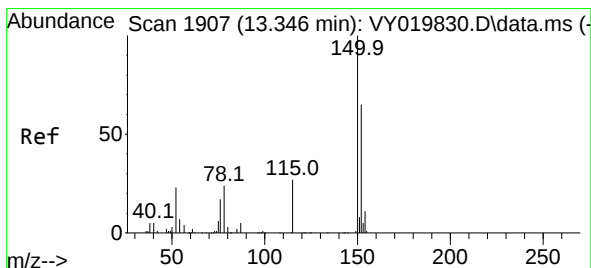
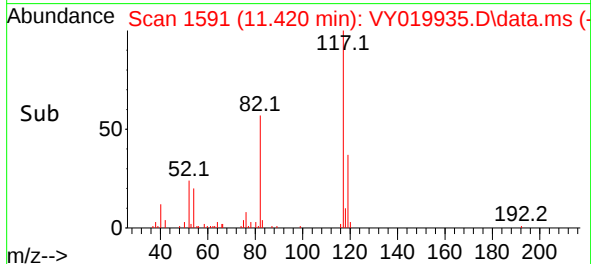
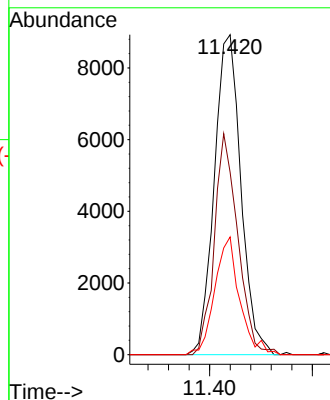
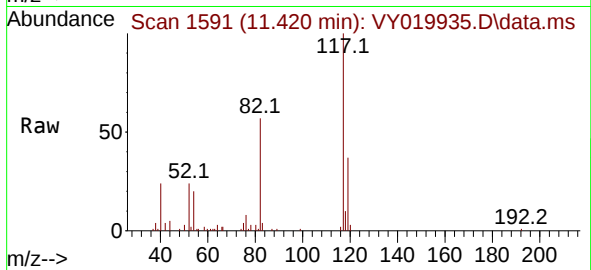
Tgt Ion:117 Resp: 16043

Ion Ratio Lower Upper

117 100

82 57.0 42.4 63.6

119 36.8 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: VY019935.D

Acq: 17 Oct 2024 16:24

Tgt Ion:152 Resp: 3223

Ion Ratio Lower Upper

152 100

115 60.9 28.2 84.7

150 158.1 0.0 345.6

