

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019933.D
 Acq On : 17 Oct 2024 15:38
 Operator : SY/MD
 Sample : P4417-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOPPER-A-SOLID

Quant Time: Oct 18 01:42:57 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	7.713	168	7479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	14689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	9279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1134	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	5113	55.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.040%
35) Dibromofluoromethane	7.640	113	4573	47.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.360%
50) Toluene-d8	10.103	98	15786	44.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.200%
62) 4-Bromofluorobenzene	12.408	95	2277	17.605	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	35.200%

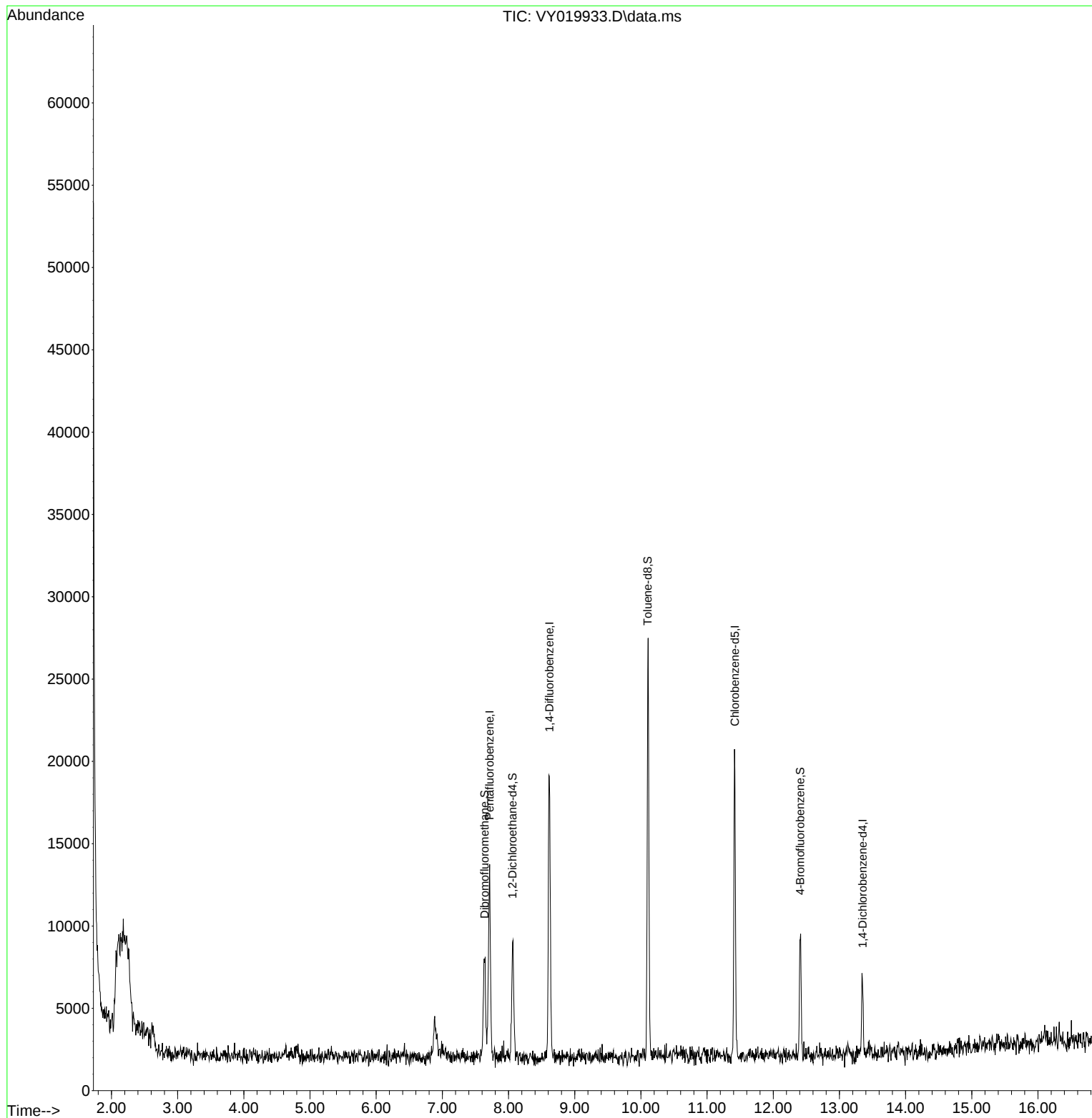
Target Compounds	Qvalue

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

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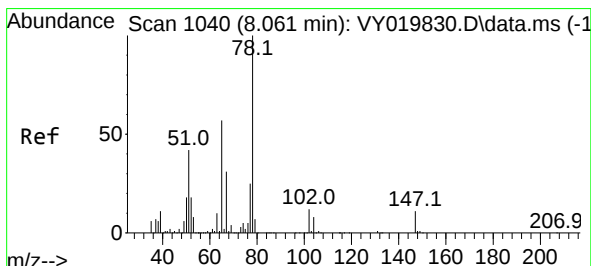
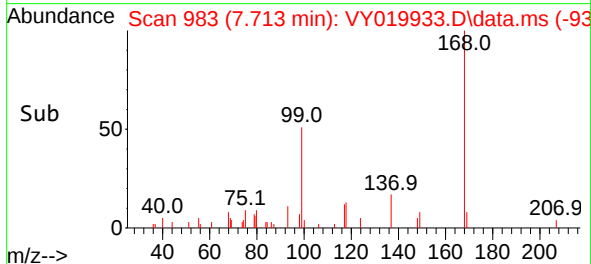
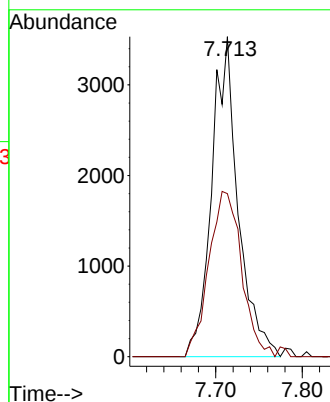
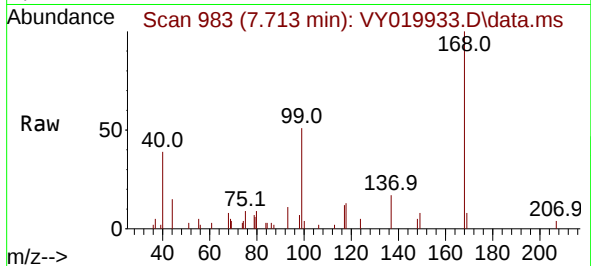




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019933.D
Acq: 17 Oct 2024 15:38

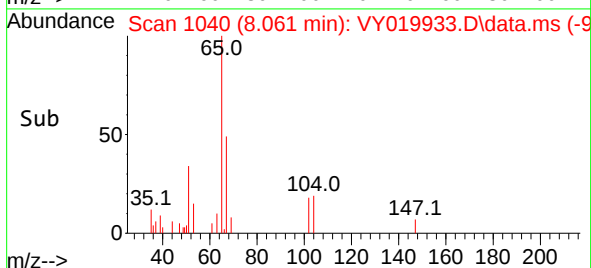
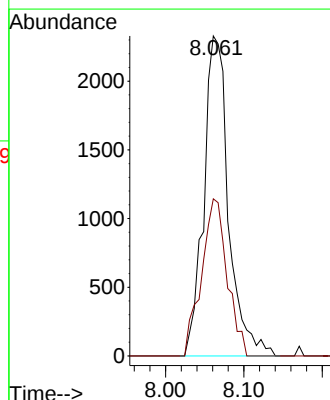
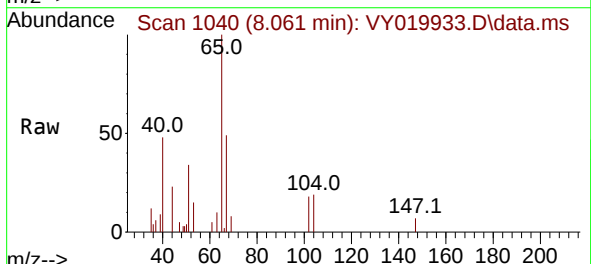
Instrument :
MSVOA_Y
ClientSampleId :
HOPPER-A-SOLID

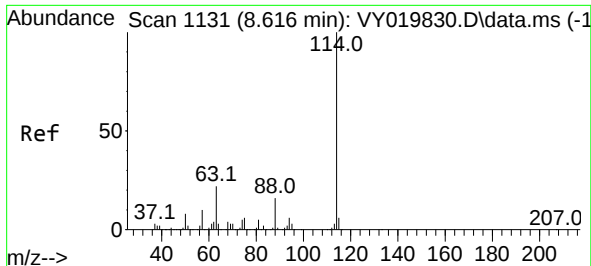
Tgt Ion:168 Resp: 7479
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.523 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019933.D
Acq: 17 Oct 2024 15:38

Tgt Ion: 65 Resp: 5113
Ion Ratio Lower Upper
65 100
67 50.8 0.0 109.6

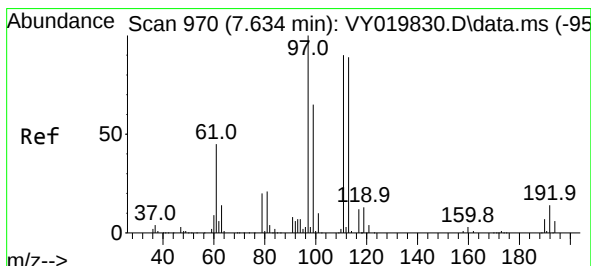
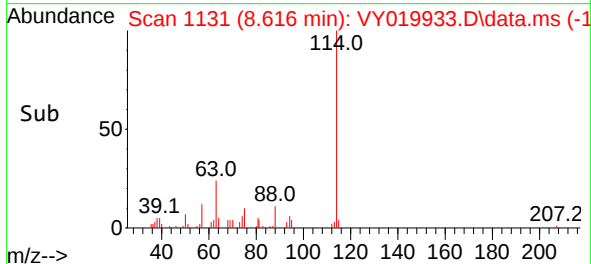
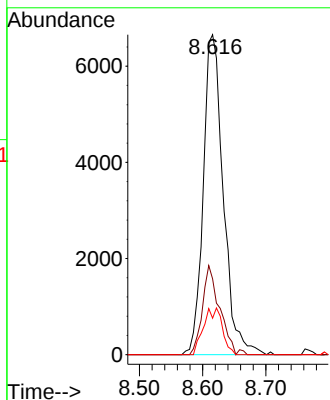
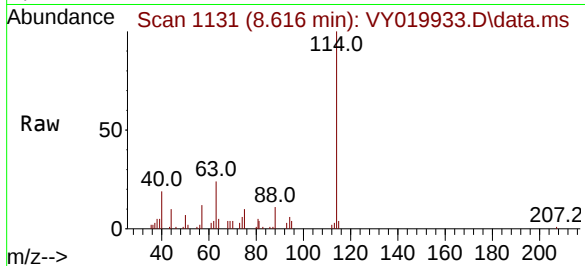




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019933.D
Acq: 17 Oct 2024 15:38

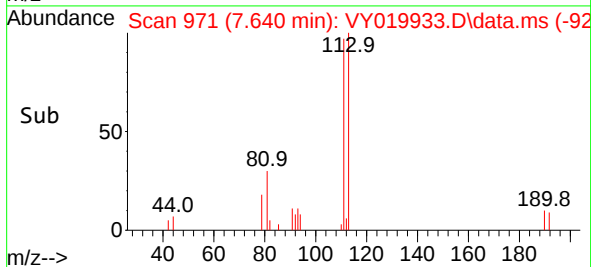
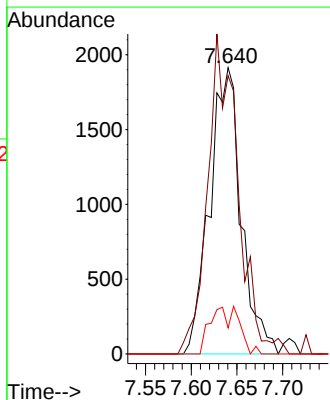
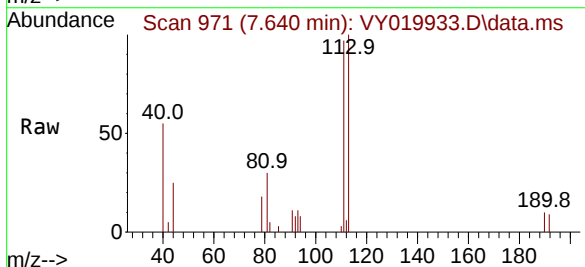
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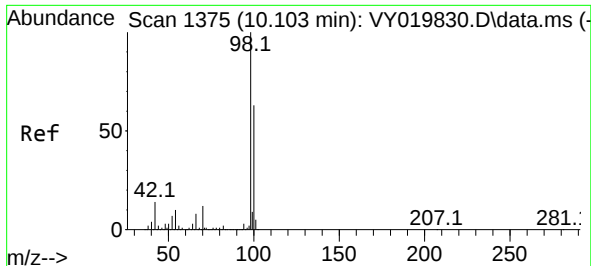
Tgt Ion:114 Resp: 14689
Ion Ratio Lower Upper
114 100
63 23.7 0.0 35.0
88 11.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.178 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.007 min
Lab File: VY019933.D
Acq: 17 Oct 2024 15:38

Tgt Ion:113 Resp: 4573
Ion Ratio Lower Upper
113 100
111 108.2 82.2 123.4
192 15.1 15.9 23.9#

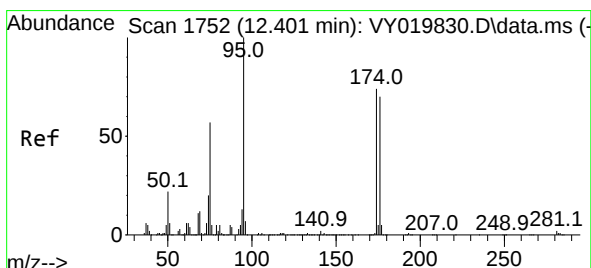
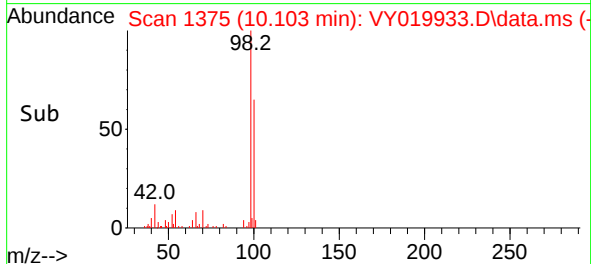
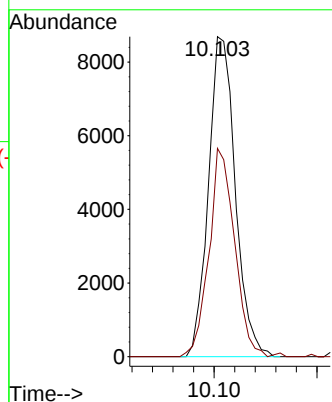
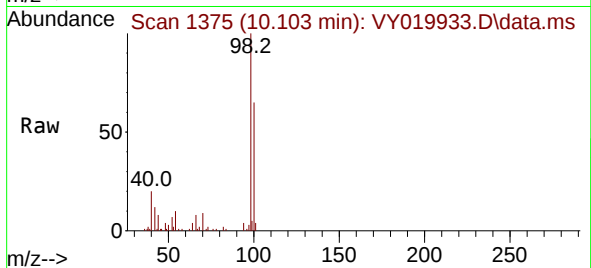




#50
Toluene-d8
Concen: 44.101 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019933.D
Acq: 17 Oct 2024 15:38

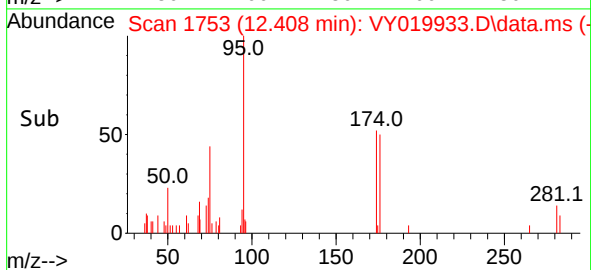
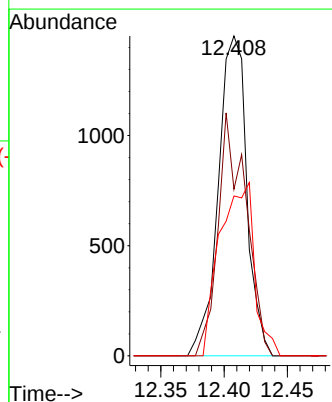
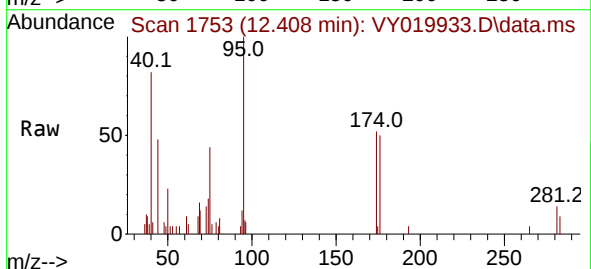
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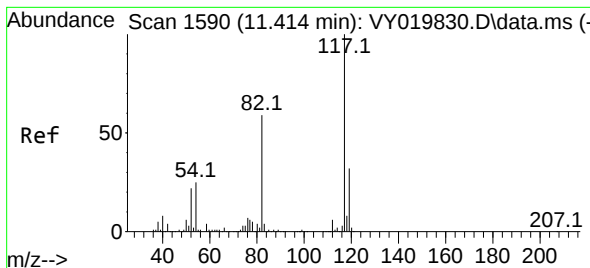
Tgt Ion: 98 Resp: 15786
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 17.605 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019933.D
Acq: 17 Oct 2024 15:38

Tgt Ion: 95 Resp: 2277
Ion Ratio Lower Upper
95 100
174 74.2 0.0 175.6
176 65.5 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: VY019933.D

Acq: 17 Oct 2024 15:38

Instrument :

MSVOA_Y

ClientSampleId :

HOPPER-A-SOLID

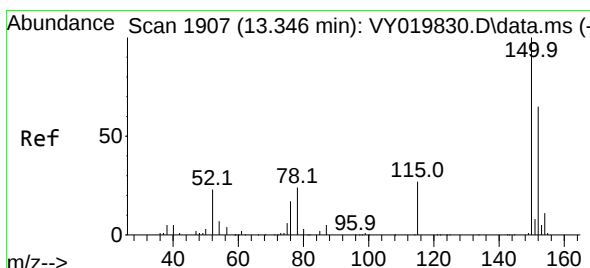
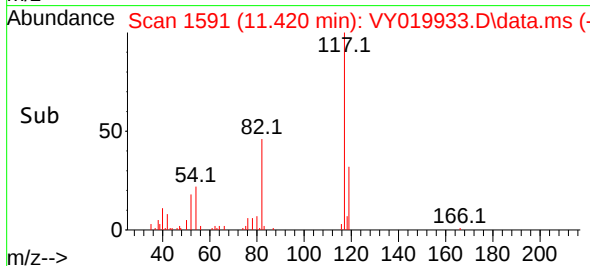
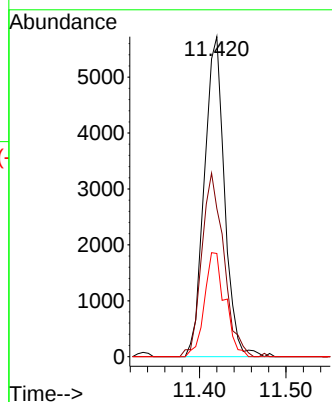
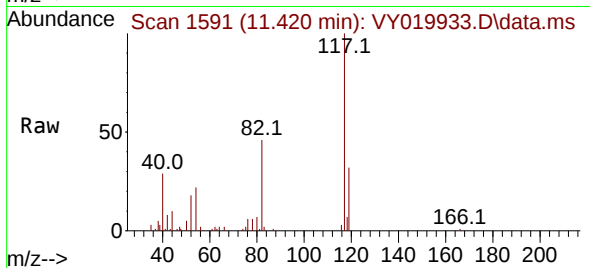
Tgt Ion:117 Resp: 9279

Ion Ratio Lower Upper

117 100

82 46.3 42.4 63.6

119 32.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY019933.D

Acq: 17 Oct 2024 15:38

Tgt Ion:152 Resp: 1134

Ion Ratio Lower Upper

152 100

115 87.1 28.2 84.7#

150 164.6 0.0 345.6

