

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019942.D
 Acq On : 18 Oct 2024 10:31
 Operator : SY/MD
 Sample : VY1018SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBL01

Quant Time: Oct 18 23:28:35 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	7.719	168	231965	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.622	114	484064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	417841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138845	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	152370	53.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.700%
35) Dibromofluoromethane	7.640	113	154761	48.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.900%
50) Toluene-d8	10.109	98	591219	50.120	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.408	95	167235	39.236	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.480%

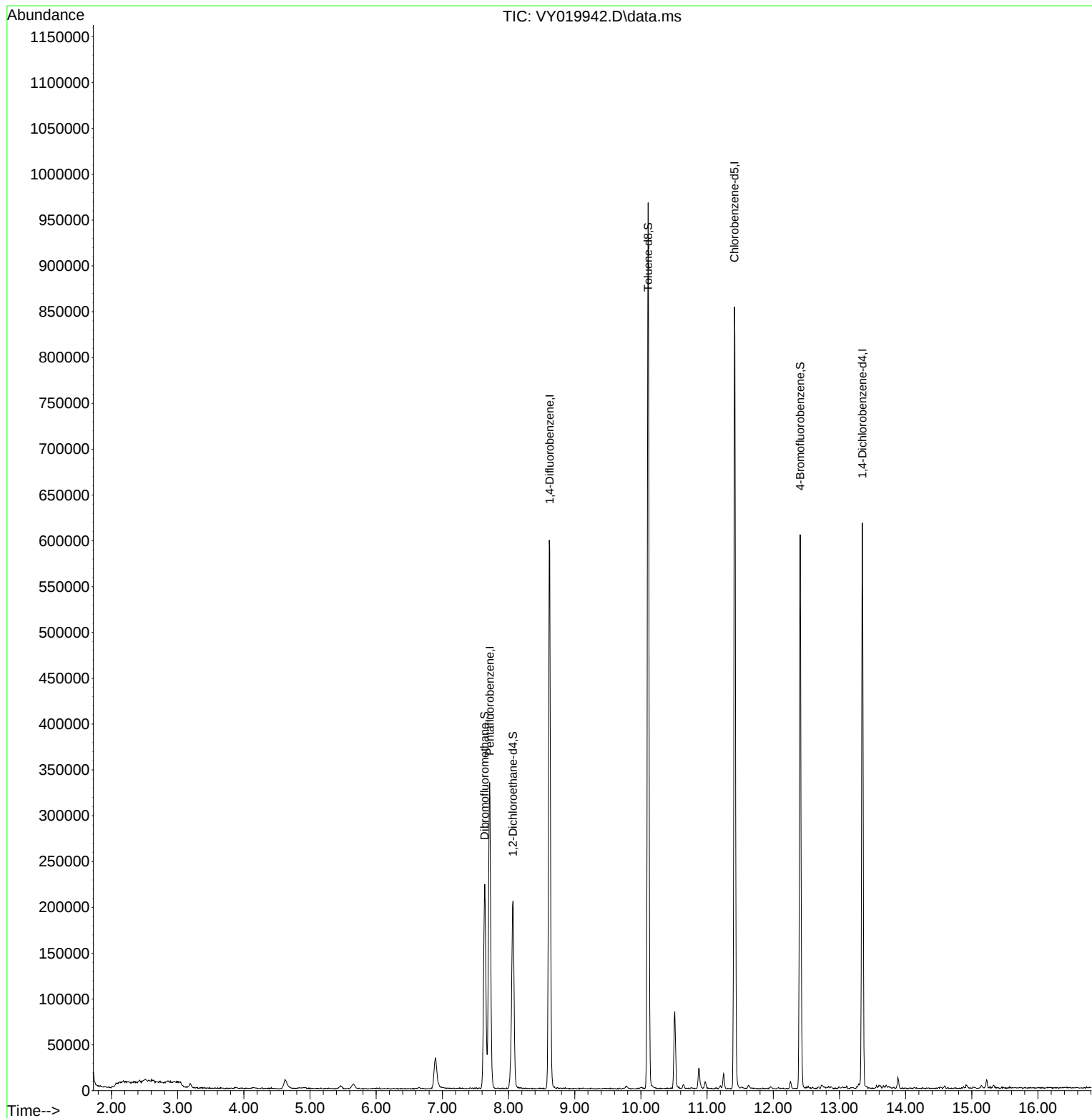
Target Compounds	Qvalue

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

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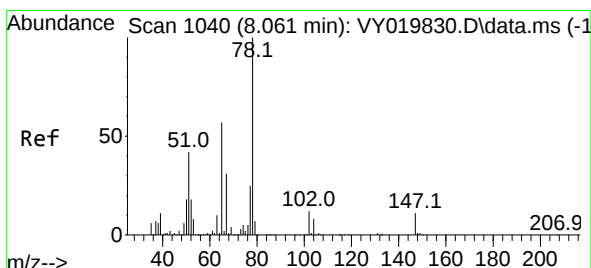
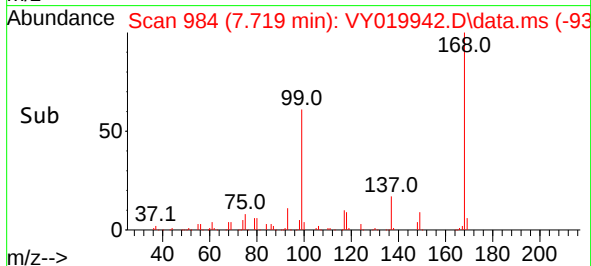
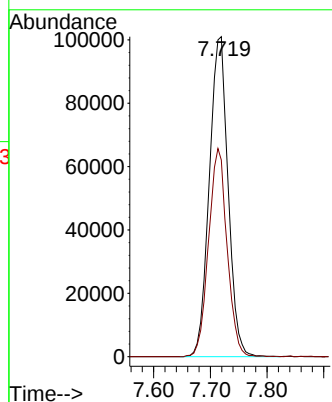
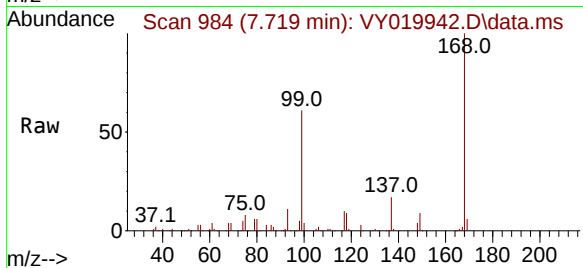




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY019942.D
Acq: 18 Oct 2024 10:31

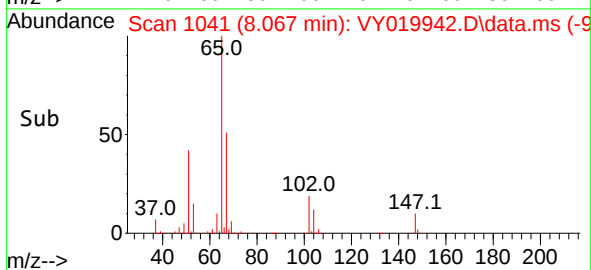
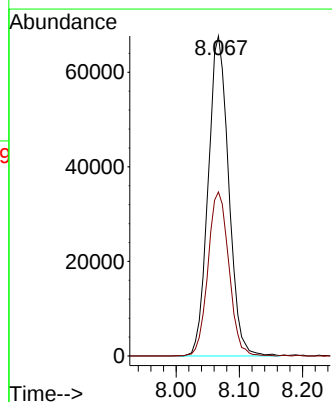
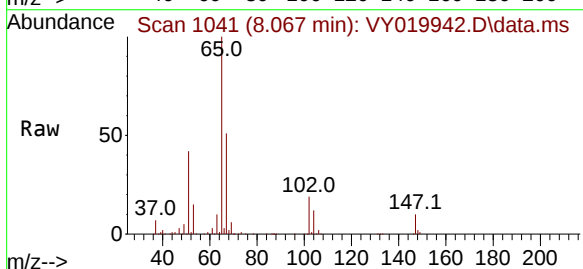
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBL01

Tgt Ion:168 Resp: 231965
Ion Ratio Lower Upper
168 100
99 61.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 53.348 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019942.D
Acq: 18 Oct 2024 10:31

Tgt Ion: 65 Resp: 152370
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6

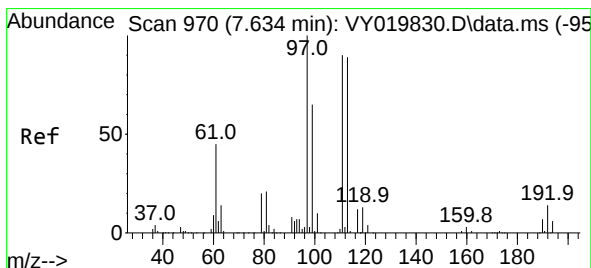
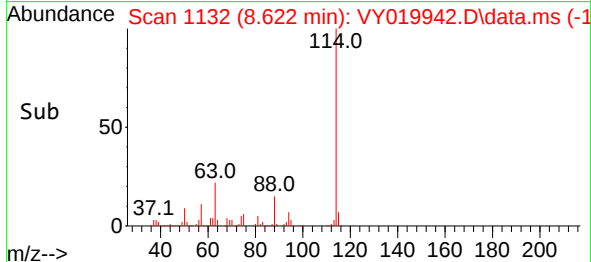
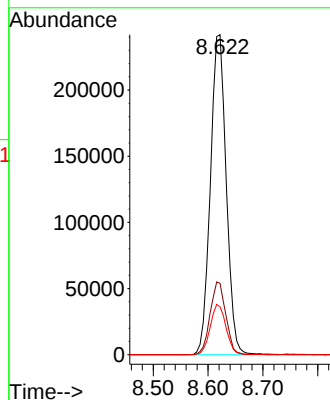
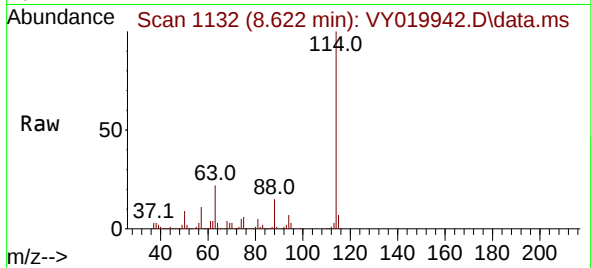




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY019942.D
Acq: 18 Oct 2024 10:31

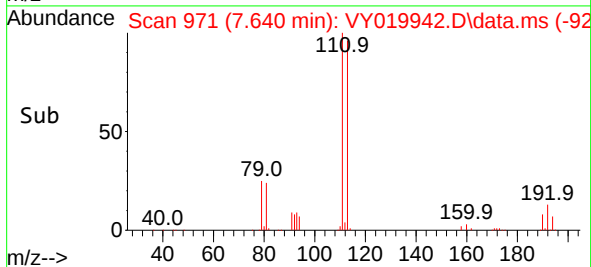
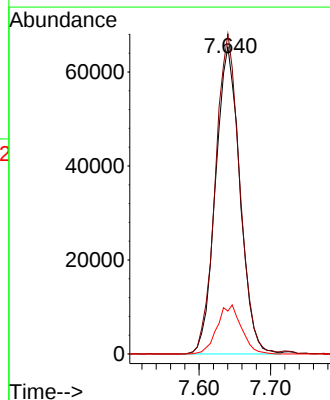
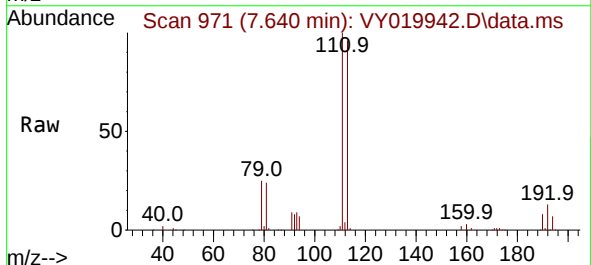
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBL01

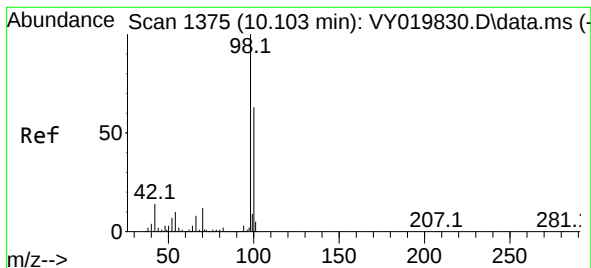
Tgt Ion:114 Resp: 484064
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.0
88 15.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.449 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019942.D
Acq: 18 Oct 2024 10:31

Tgt Ion:113 Resp: 154761
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 15.9 15.9 23.9#

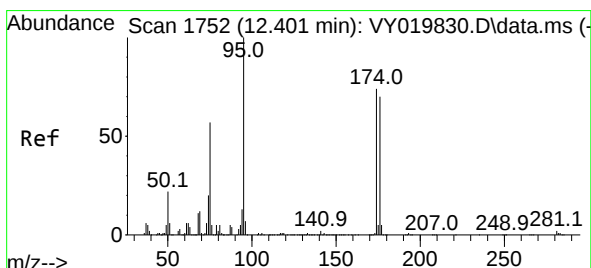
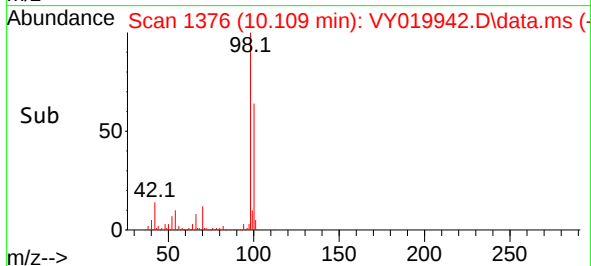
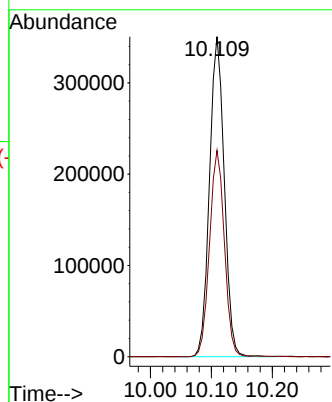
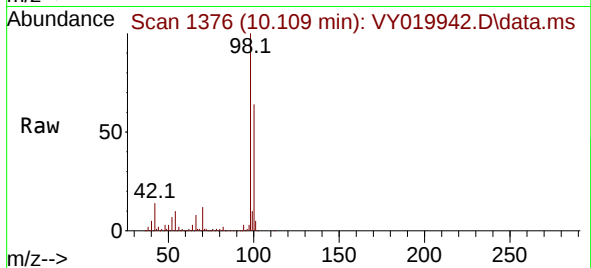




#50
Toluene-d8
Concen: 50.120 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019942.D
Acq: 18 Oct 2024 10:31

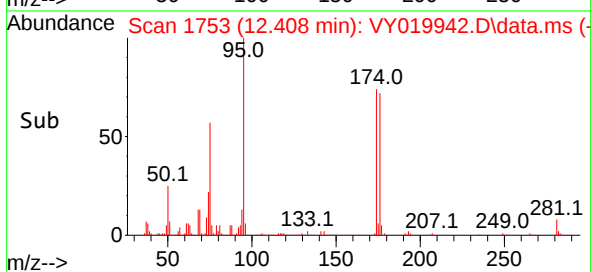
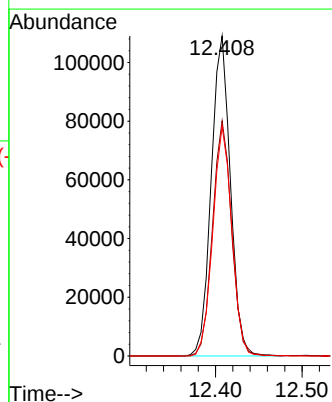
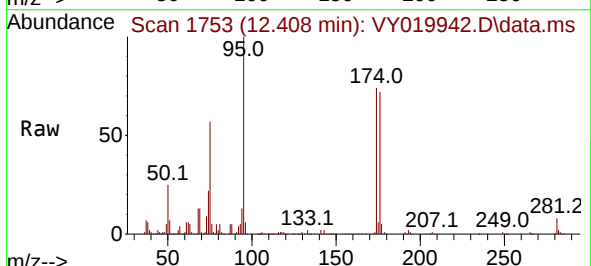
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBL01

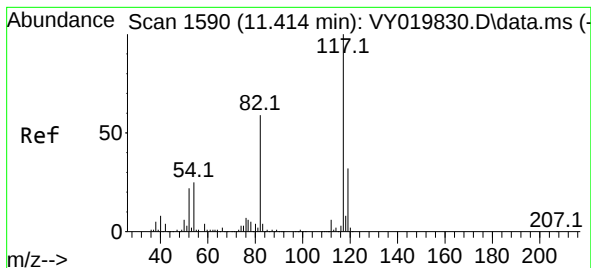
Tgt Ion: 98 Resp: 591219
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.236 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019942.D
Acq: 18 Oct 2024 10:31

Tgt Ion: 95 Resp: 167235
Ion Ratio Lower Upper
95 100
174 73.3 0.0 175.6
176 71.5 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: VY019942.D

Acq: 18 Oct 2024 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBL01

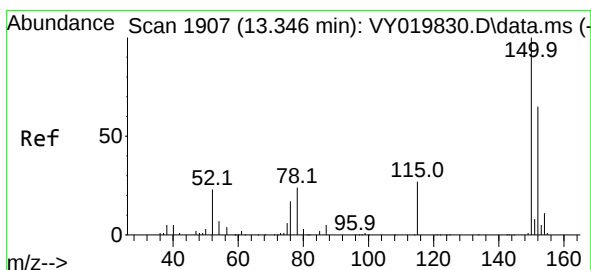
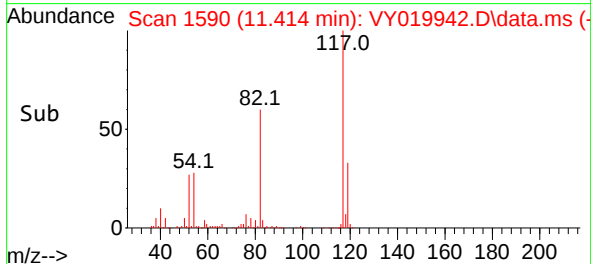
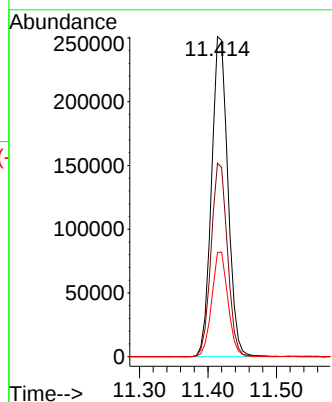
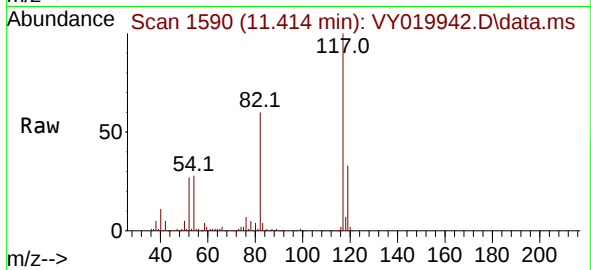
Tgt Ion:117 Resp: 417841

Ion Ratio Lower Upper

117 100

82 60.4 42.4 63.6

119 32.5 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: VY019942.D

Acq: 18 Oct 2024 10:31

Tgt Ion:152 Resp: 138845

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 158.1 0.0 345.6

