

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019927.D
 Acq On : 17 Oct 2024 13:17
 Operator : SY/MD
 Sample : P4425-07
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Oct 18 01:40:34 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	240535	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	497022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	443079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	162801	54.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.940%
35) Dibromofluoromethane	7.640	113	161535	49.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.500%
50) Toluene-d8	10.109	98	615196	50.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.407	95	184346	42.123	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.240%

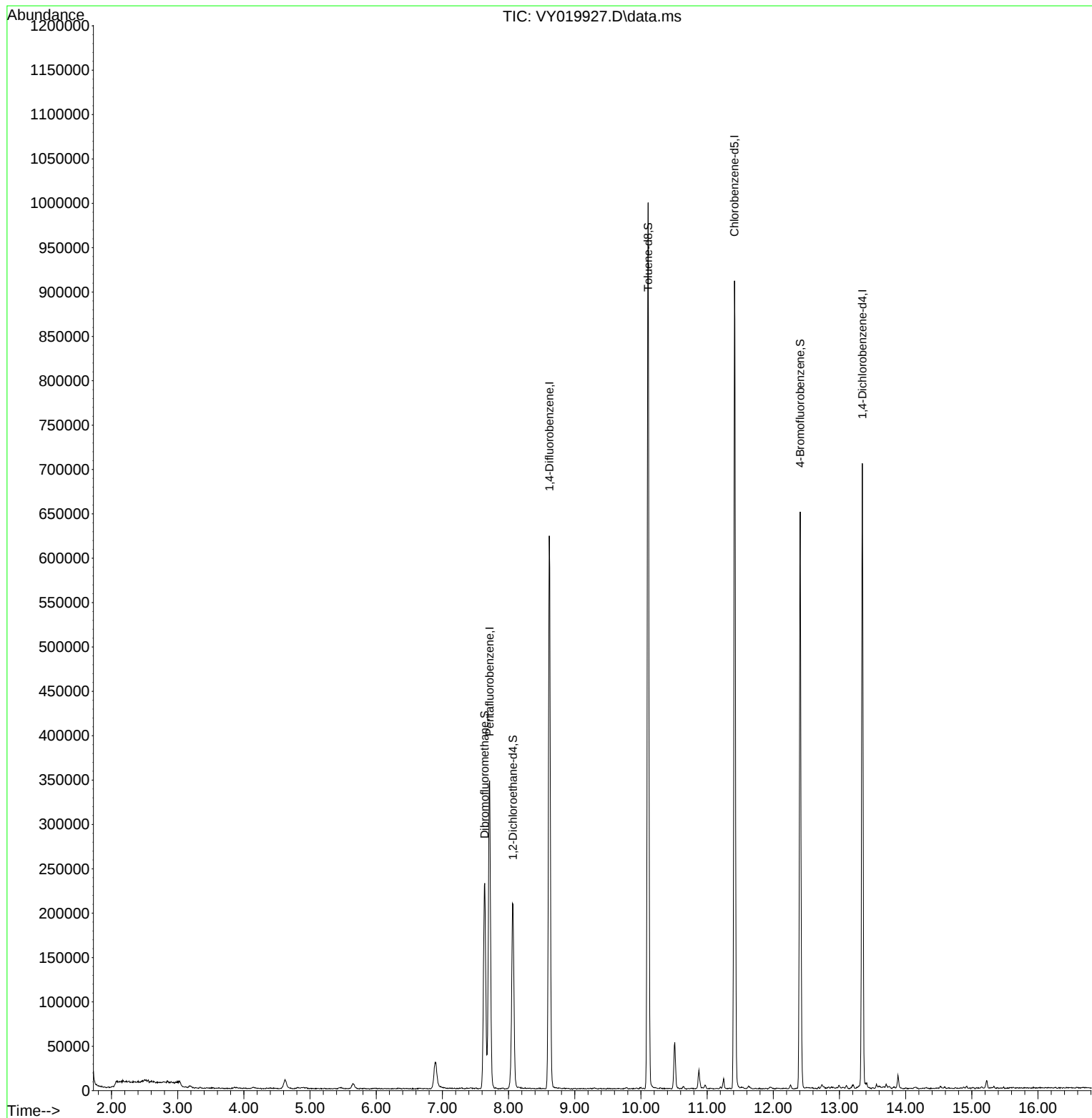
Target Compounds	Qvalue

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

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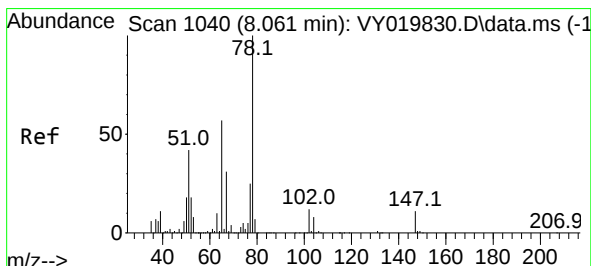
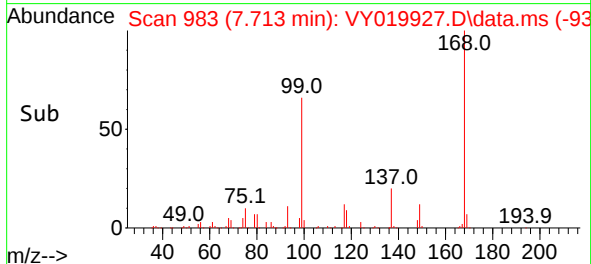
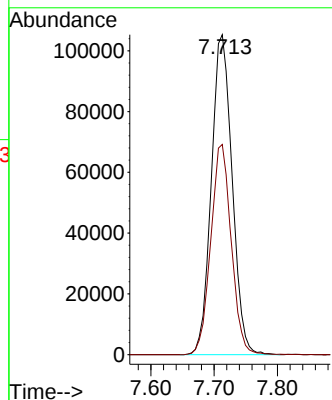
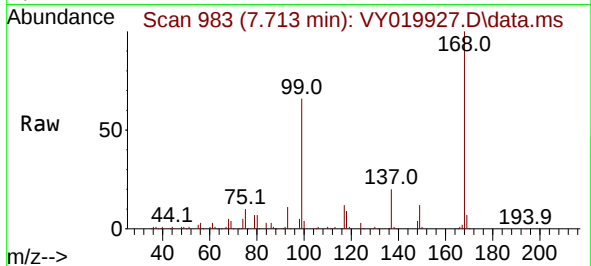




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

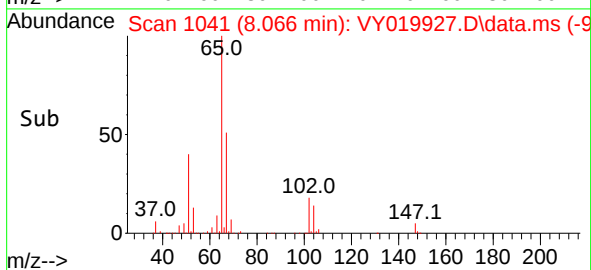
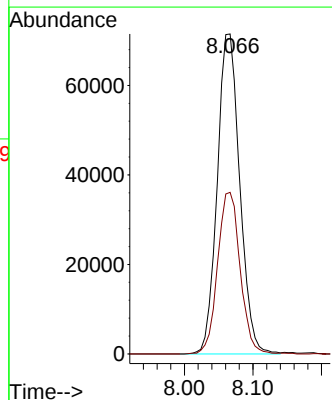
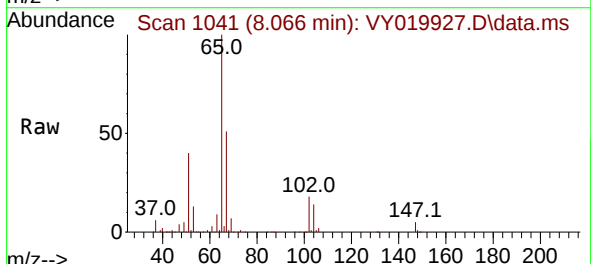
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

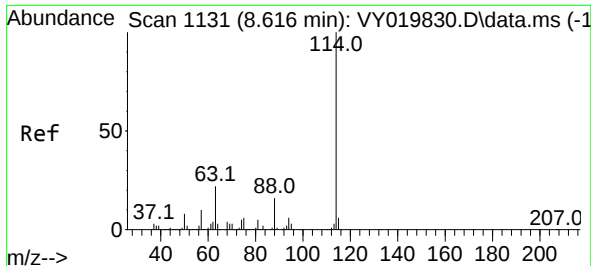
Tgt Ion:168 Resp: 240535
Ion Ratio Lower Upper
168 100
99 65.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.969 ug/l
RT: 8.066 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

Tgt Ion: 65 Resp: 162801
Ion Ratio Lower Upper
65 100
67 50.5 0.0 109.6

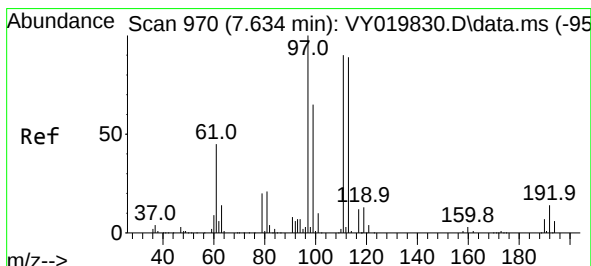
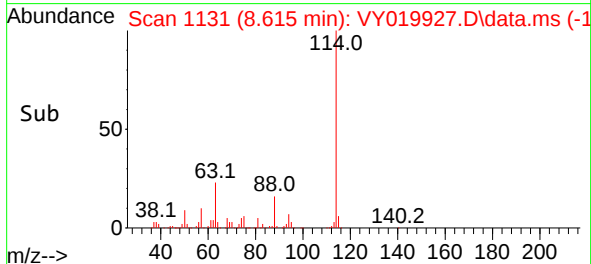
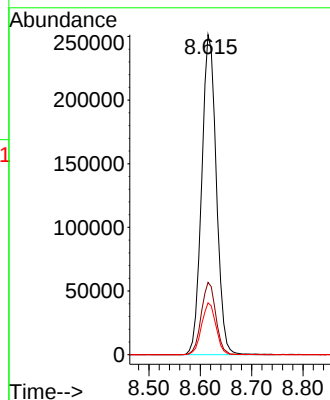
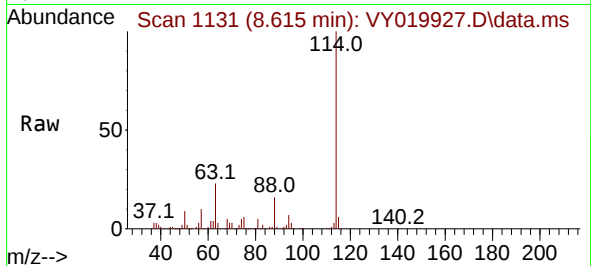




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

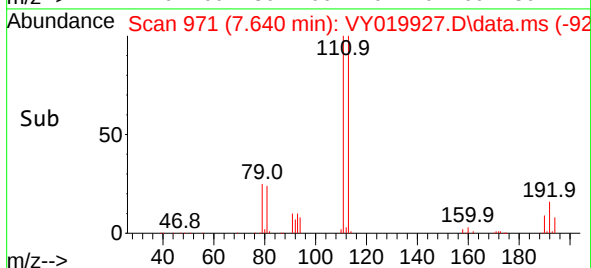
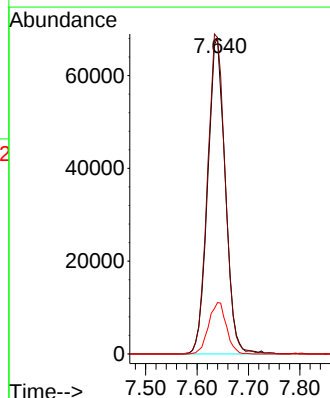
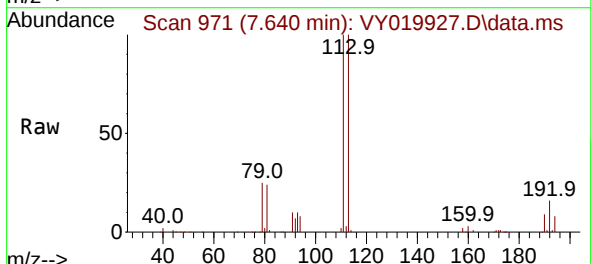
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

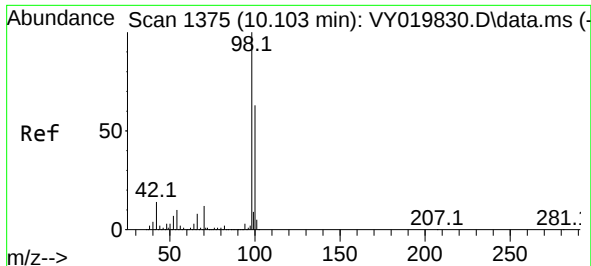
Tgt Ion:114 Resp: 497022
Ion Ratio Lower Upper
114 100
63 22.6 0.0 35.0
88 16.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.251 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

Tgt Ion:113 Resp: 161535
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 16.4 15.9 23.9

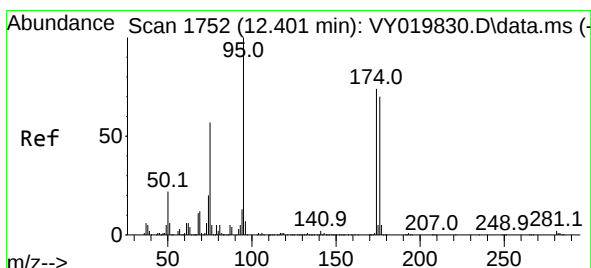
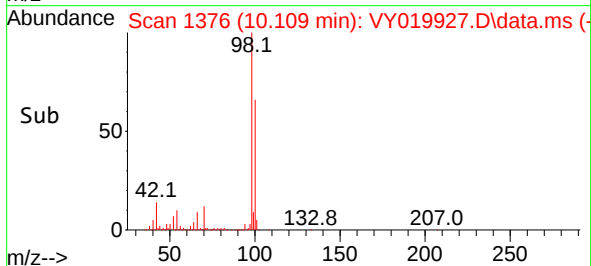
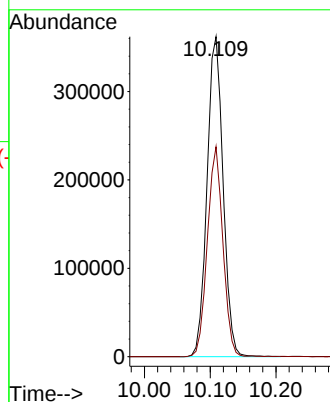
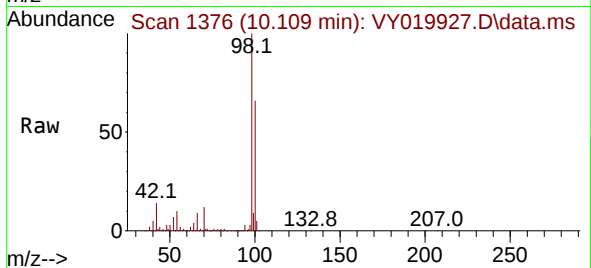




#50
Toluene-d8
Concen: 50.793 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

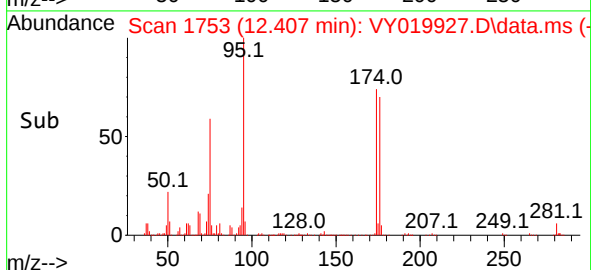
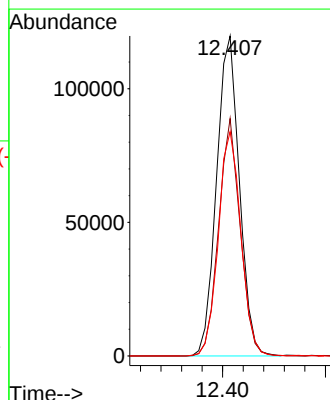
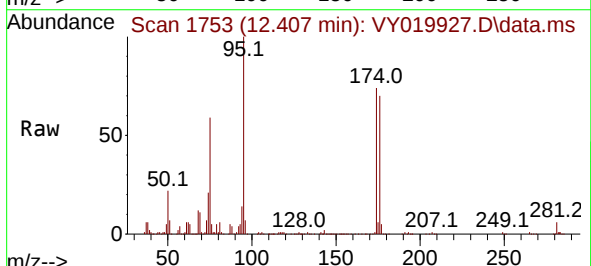
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

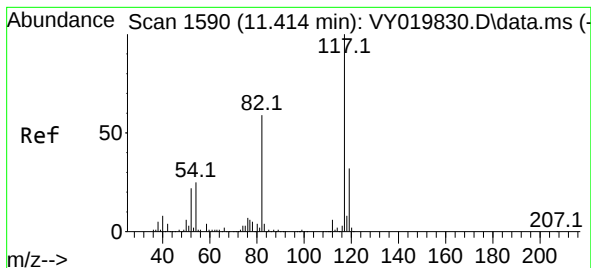
Tgt Ion: 98 Resp: 615196
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.123 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

Tgt Ion: 95 Resp: 184346
Ion Ratio Lower Upper
95 100
174 70.1 0.0 175.6
176 69.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019927.D

Acq: 17 Oct 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

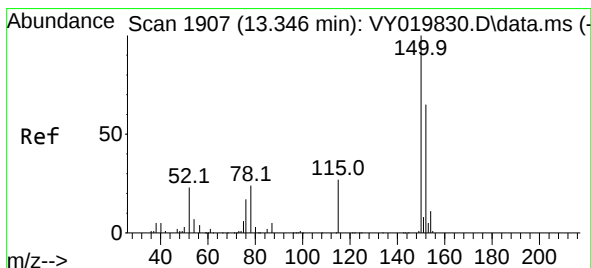
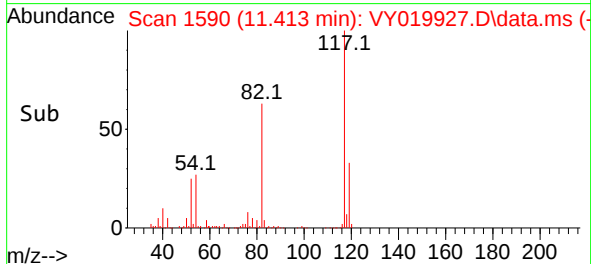
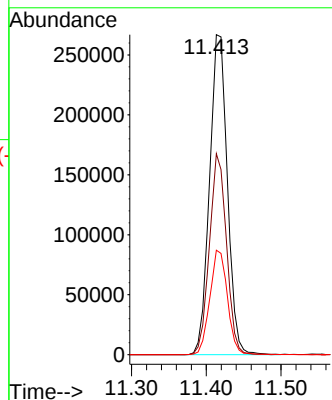
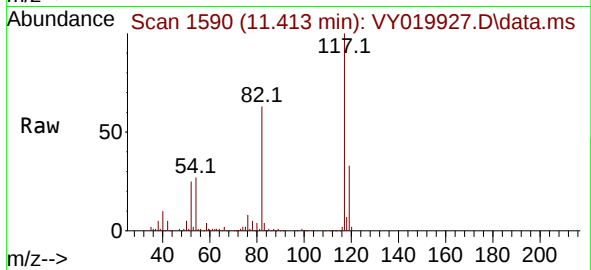
Tgt Ion:117 Resp: 443079

Ion Ratio Lower Upper

117 100

82 62.8 42.4 63.6

119 32.6 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: VY019927.D

Acq: 17 Oct 2024 13:17

Tgt Ion:152 Resp: 153148

Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 159.0 0.0 345.6

