

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019926.D
 Acq On : 17 Oct 2024 12:54
 Operator : SY/MD
 Sample : P4425-09
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Oct 18 01:40:08 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	245866	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	504392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	447457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	156374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	163959	54.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.320%
35) Dibromofluoromethane	7.640	113	163610	49.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.320%
50) Toluene-d8	10.109	98	619449	50.397	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.408	95	183381	41.290	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.580%

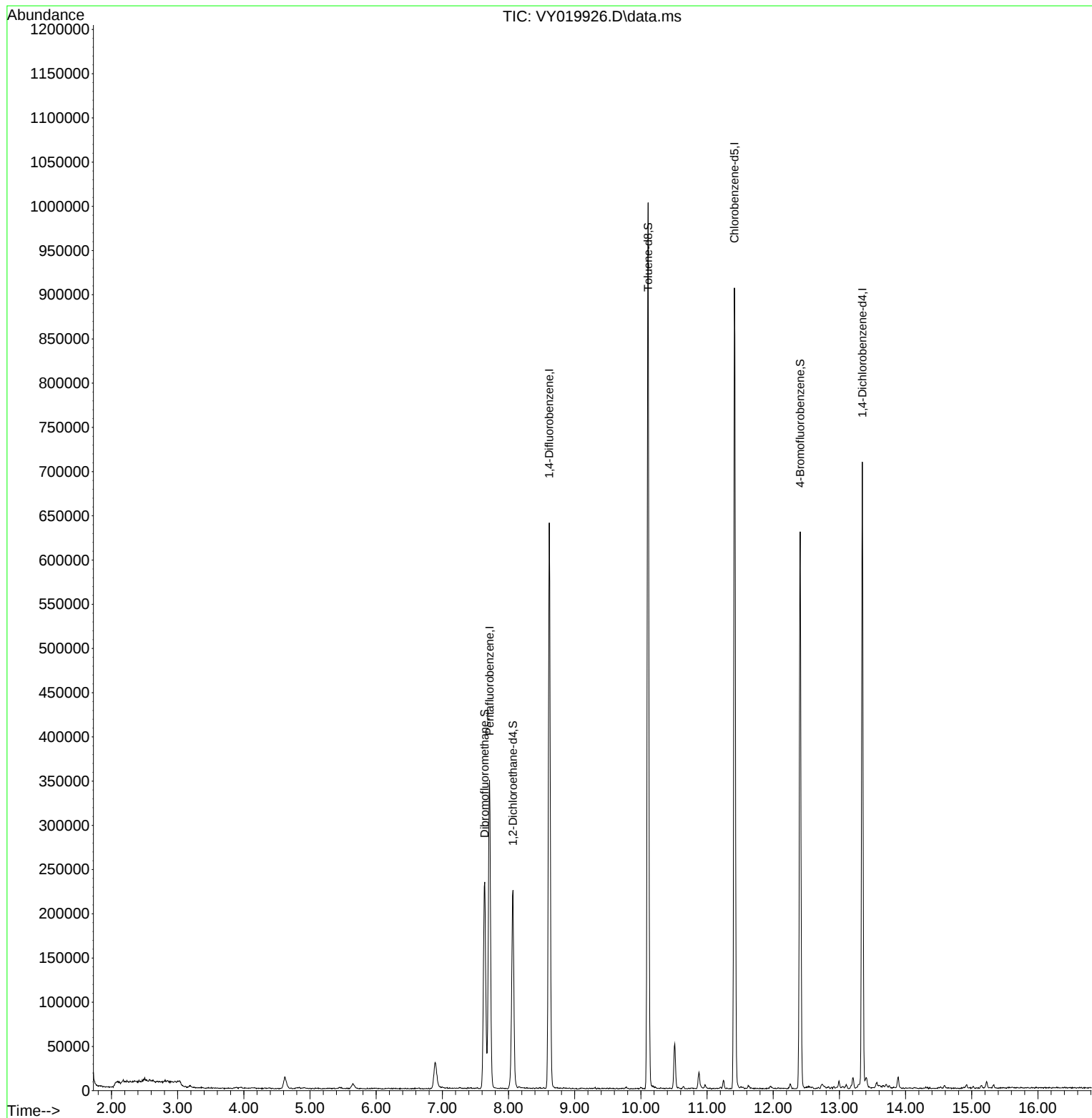
Target Compounds	Qvalue

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

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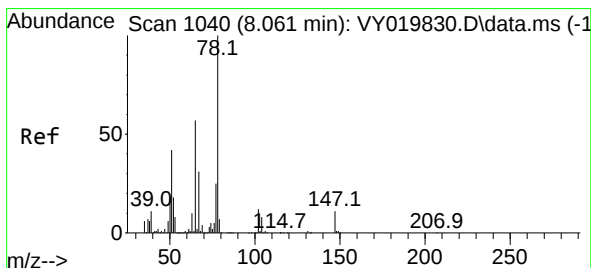
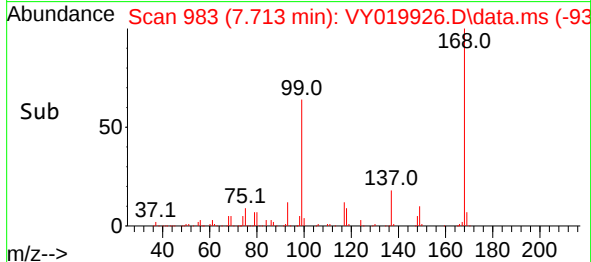
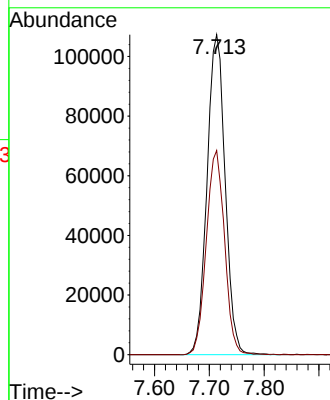
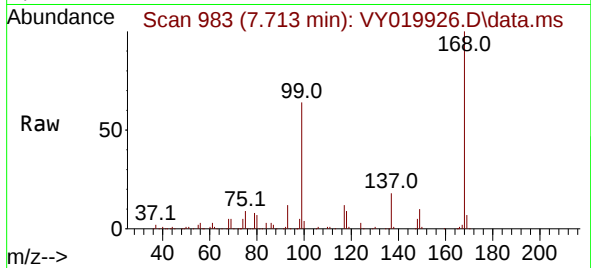




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

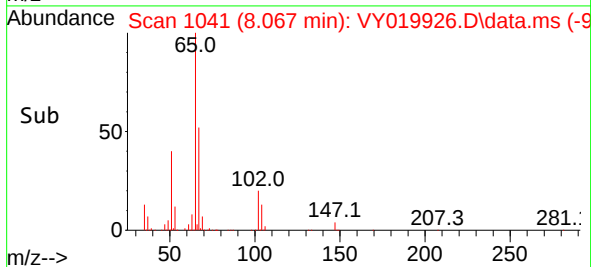
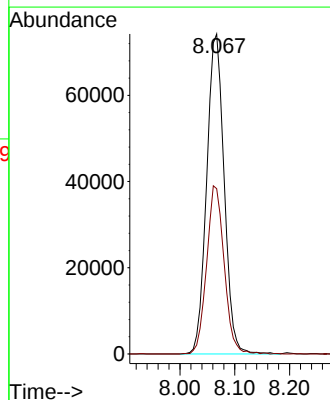
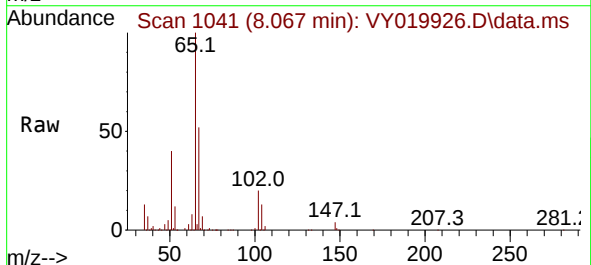
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

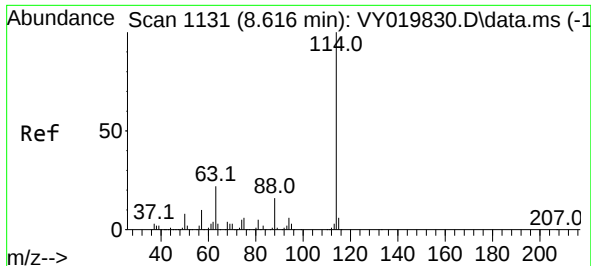
Tgt Ion:168 Resp: 245866
Ion Ratio Lower Upper
168 100
99 63.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.160 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

Tgt Ion: 65 Resp: 163959
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6

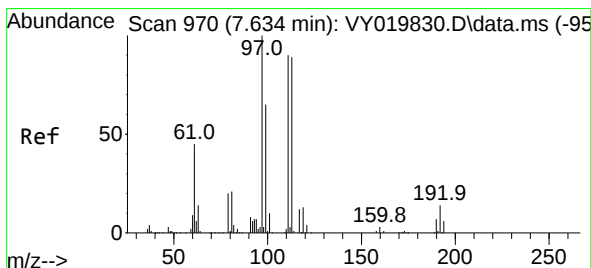
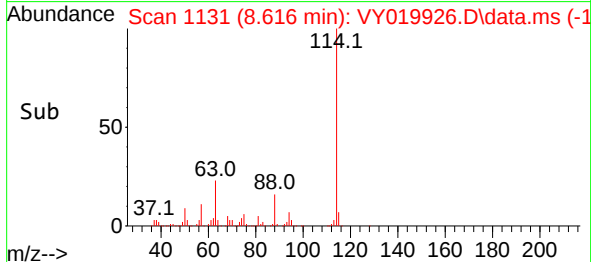
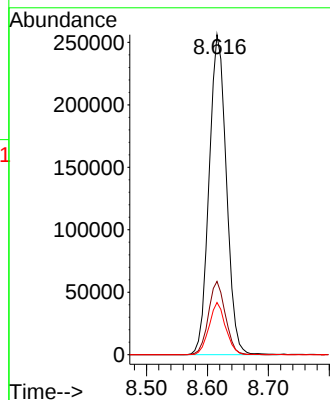
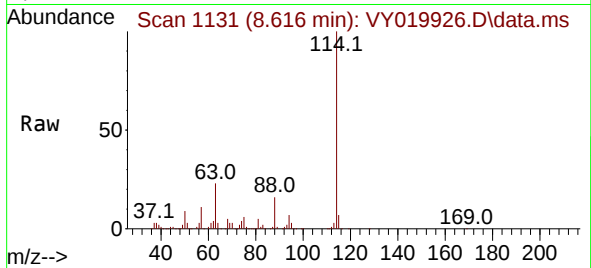




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

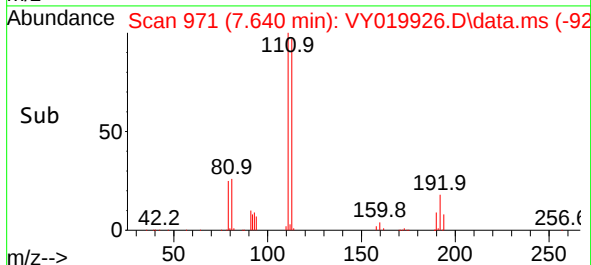
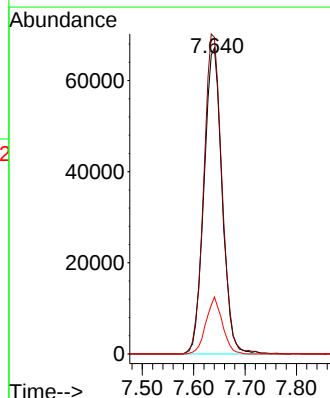
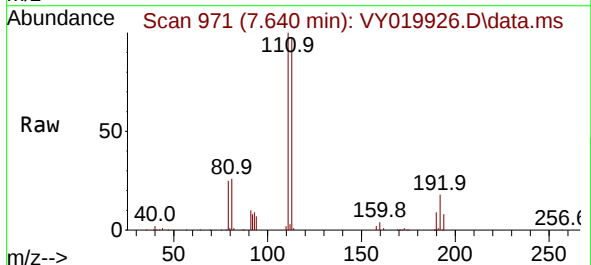
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

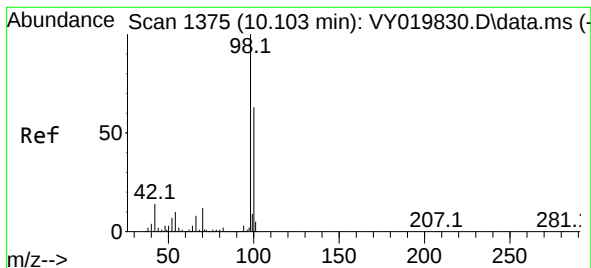
Tgt Ion:114 Resp: 504392
Ion Ratio Lower Upper
114 100
63 22.9 0.0 35.0
88 16.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.155 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

Tgt Ion:113 Resp: 163610
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 16.9 15.9 23.9

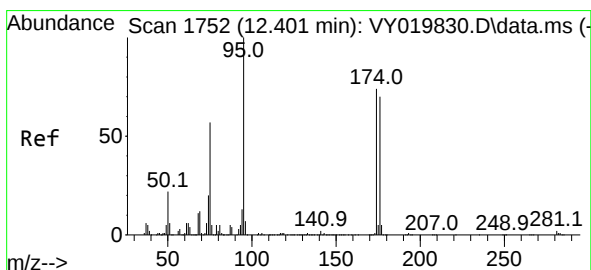
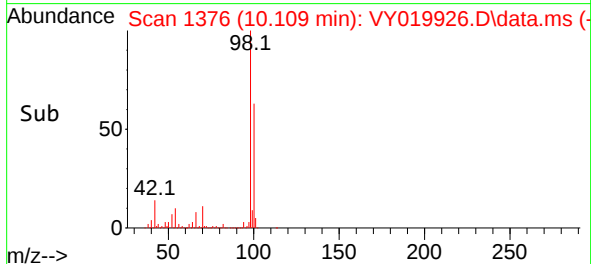
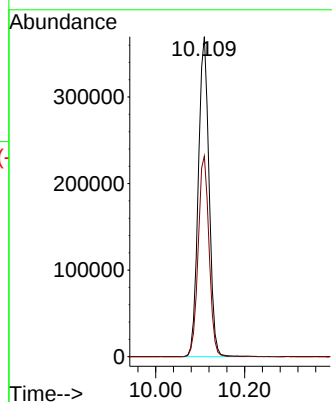
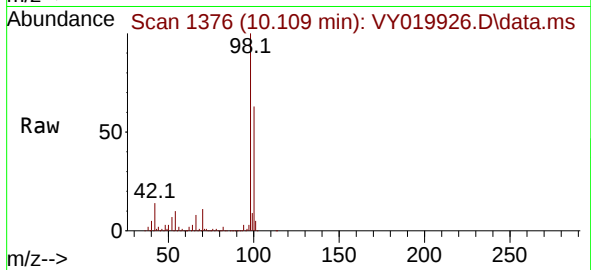




#50
Toluene-d8
Concen: 50.397 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

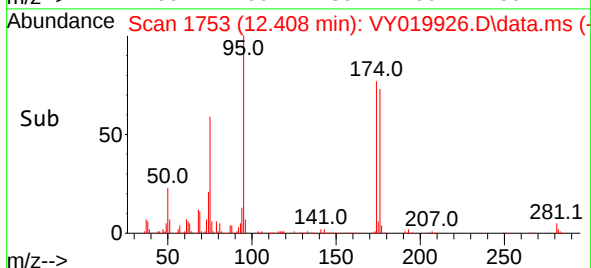
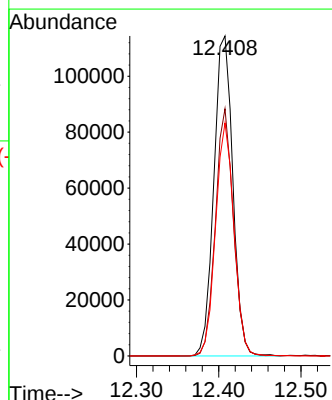
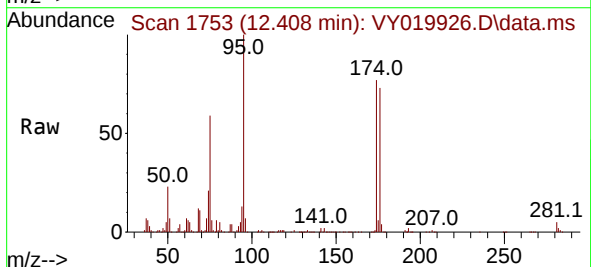
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

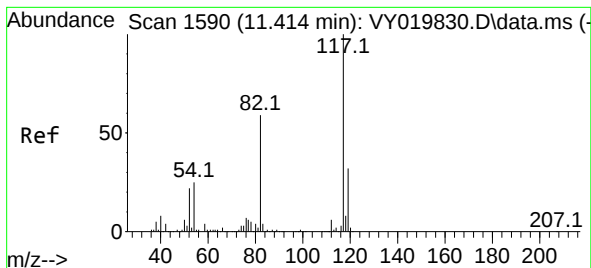
Tgt Ion: 98 Resp: 619449
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.290 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

Tgt Ion: 95 Resp: 183381
Ion Ratio Lower Upper
95 100
174 73.4 0.0 175.6
176 70.7 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: VY019926.D

Acq: 17 Oct 2024 12:54

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

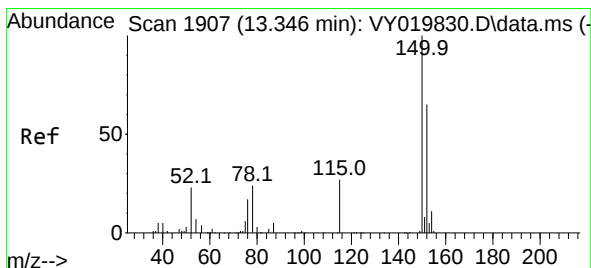
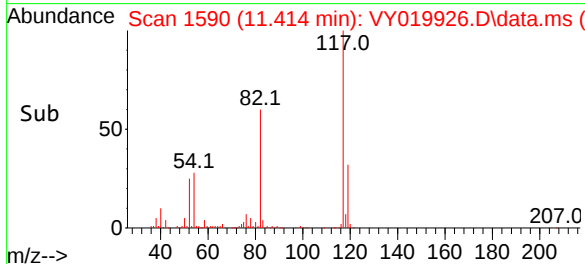
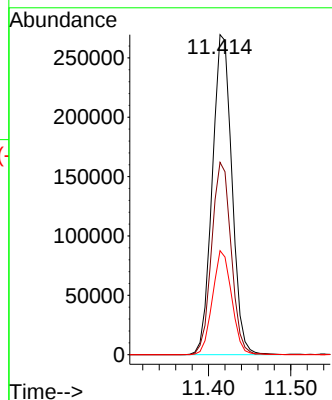
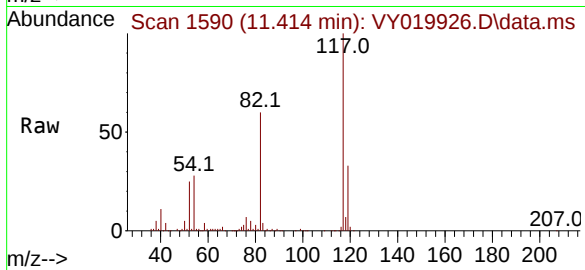
Tgt Ion:117 Resp: 447457

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 32.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019926.D

Acq: 17 Oct 2024 12:54

Tgt Ion:152 Resp: 156374

Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 154.8 0.0 345.6

