

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019430.D
 Acq On : 03 Sep 2024 15:37
 Operator : SY/MD
 Sample : P3746-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DNB-44-COMPOSITERE

Quant Time: Sep 04 01:35:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	18592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	22810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	21951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	6614	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	6256	35.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.060%
35) Dibromofluoromethane	7.628	113	9154	63.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.960%
50) Toluene-d8	10.109	98	29632	55.817	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.640%
62) 4-Bromofluorobenzene	12.408	95	7461	43.452	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.900%

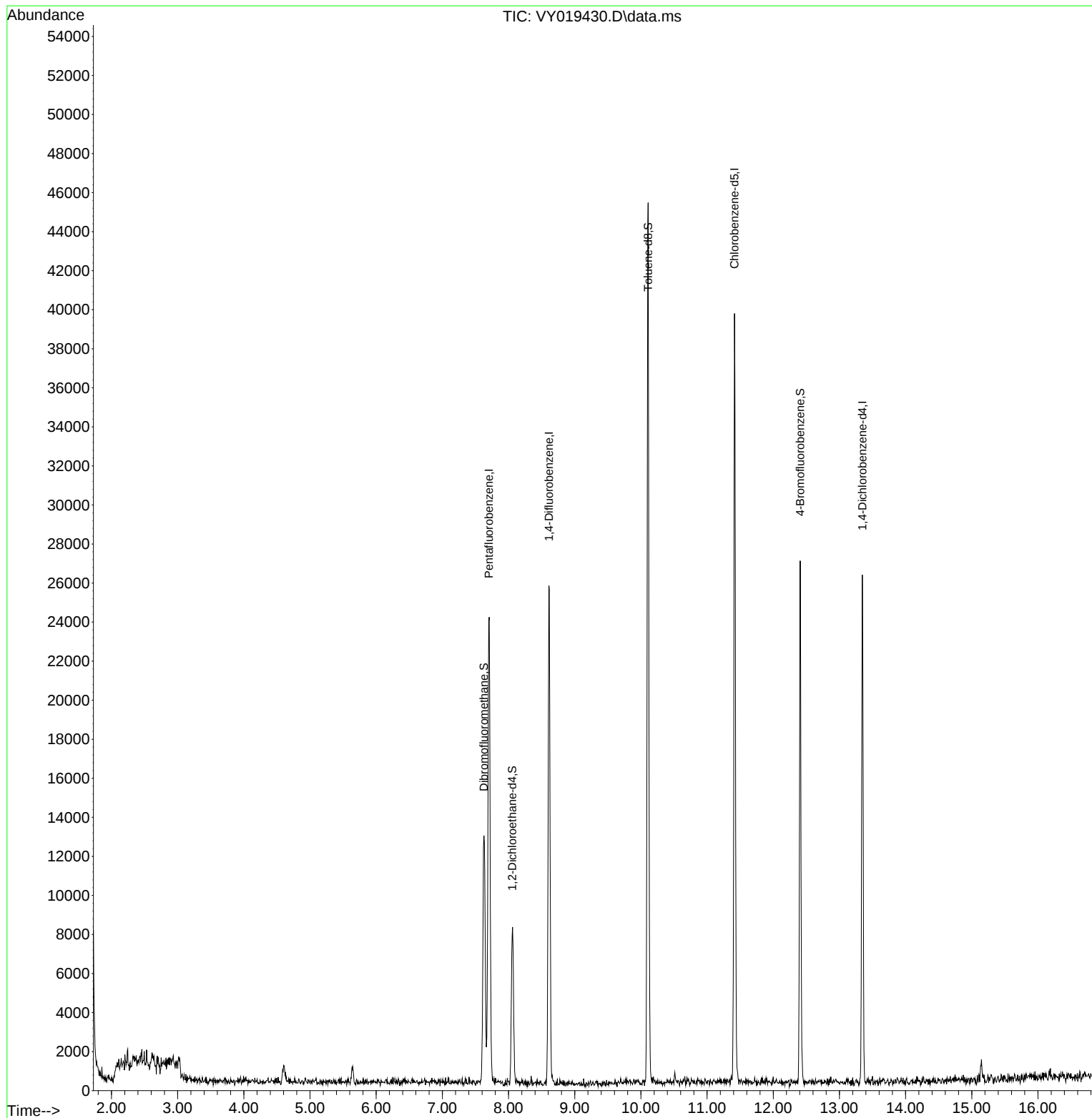
Target Compounds	Qvalue

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

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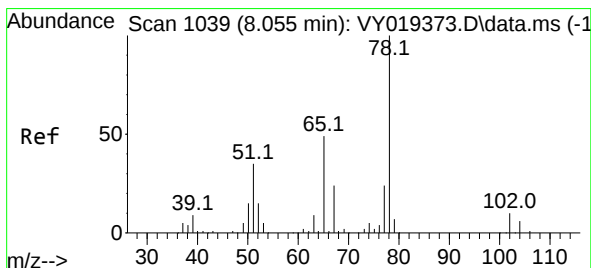
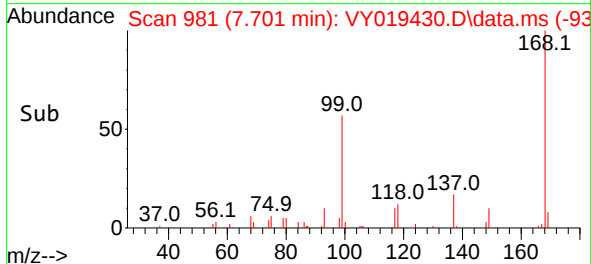
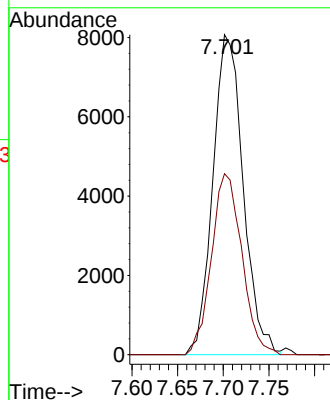
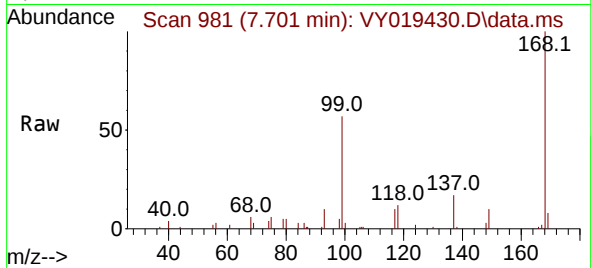




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019430.D
Acq: 03 Sep 2024 15:37

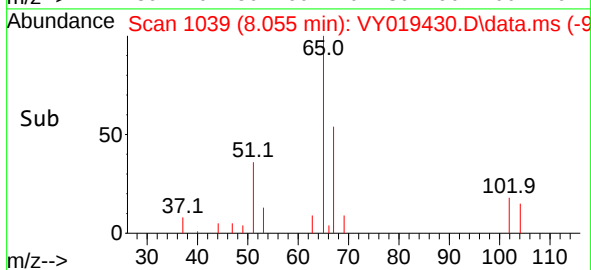
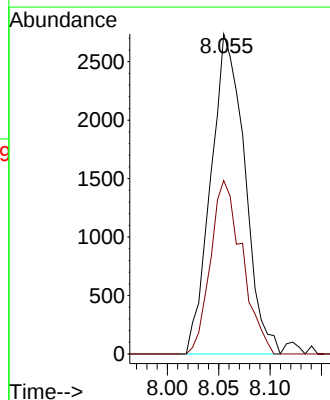
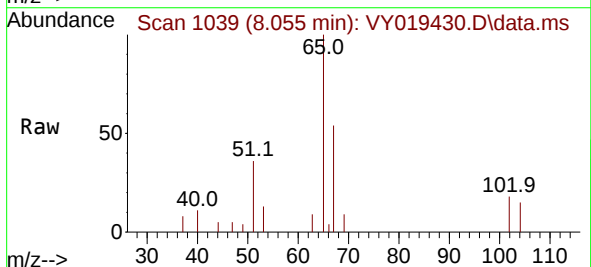
Instrument :
MSVOA_Y
ClientSampleId :
DNB-44-COMPOSITERE

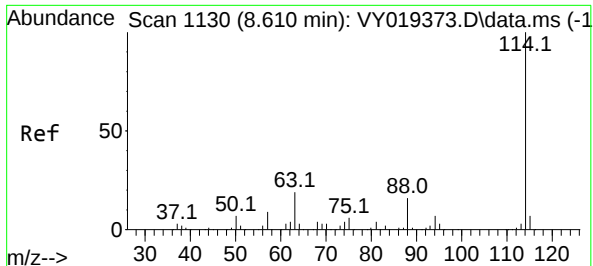
Tgt Ion:168 Resp: 18592
Ion Ratio Lower Upper
168 100
99 56.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 35.525 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY019430.D
Acq: 03 Sep 2024 15:37

Tgt Ion: 65 Resp: 6256
Ion Ratio Lower Upper
65 100
67 50.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019430.D

Acq: 03 Sep 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

DNB-44-COMPOSITERE

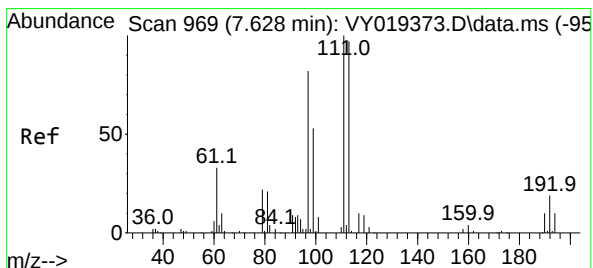
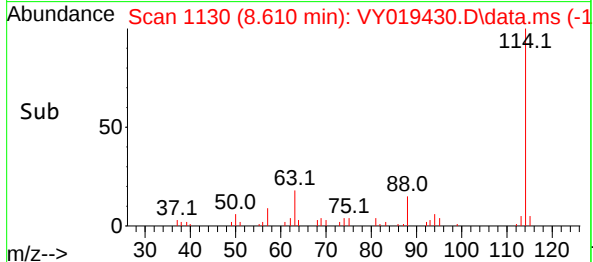
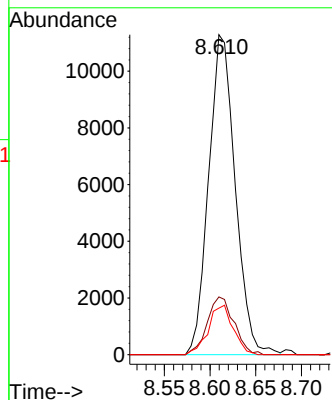
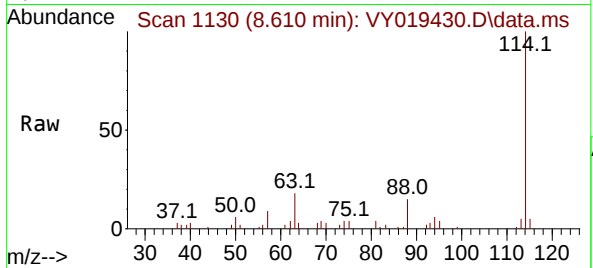
Tgt Ion:114 Resp: 22810

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 63.476 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY019430.D

Acq: 03 Sep 2024 15:37

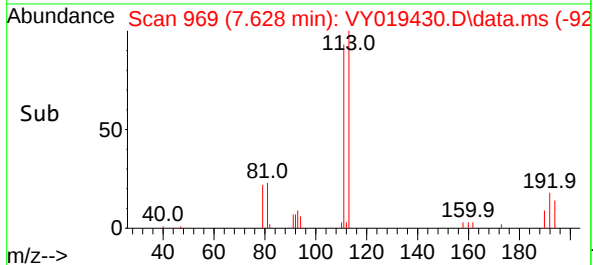
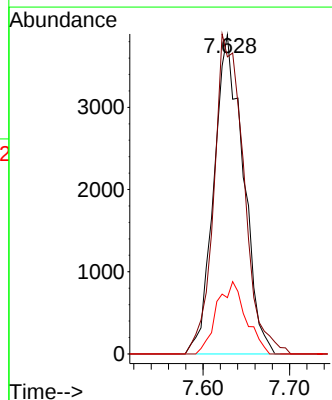
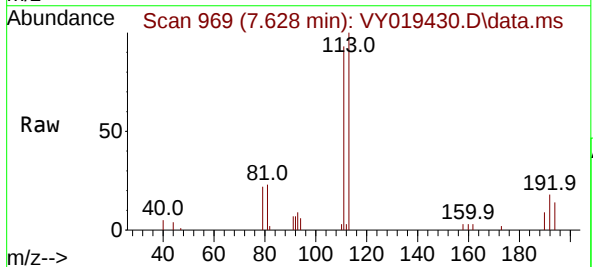
Tgt Ion:113 Resp: 9154

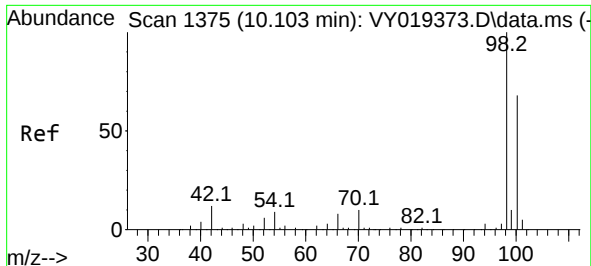
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 22.4 15.9 23.9

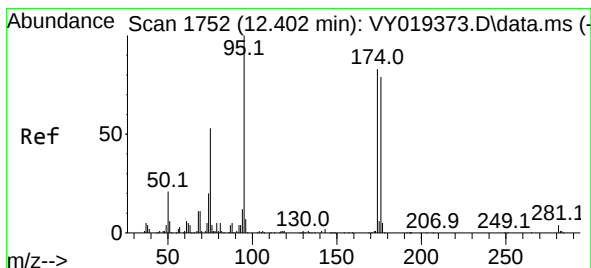
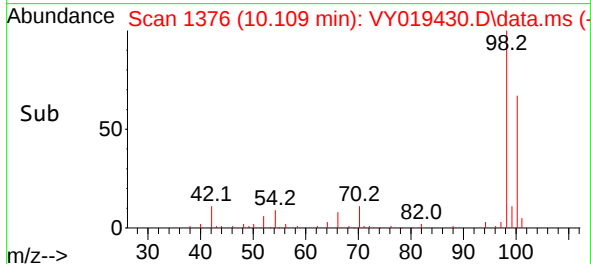
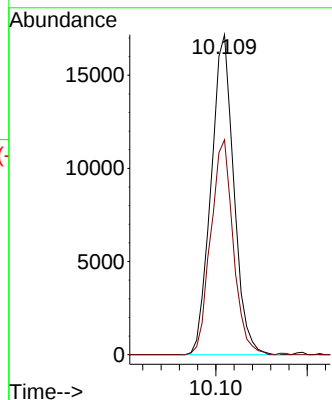
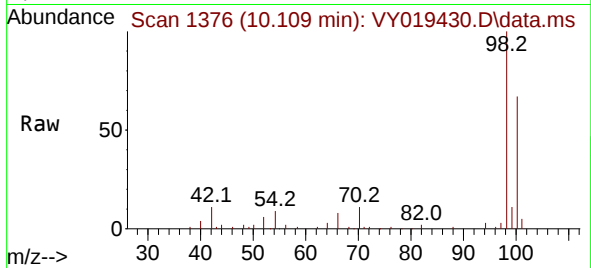




#50
Toluene-d8
Concen: 55.817 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019430.D
Acq: 03 Sep 2024 15:37

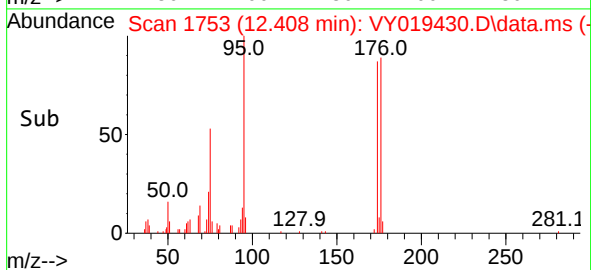
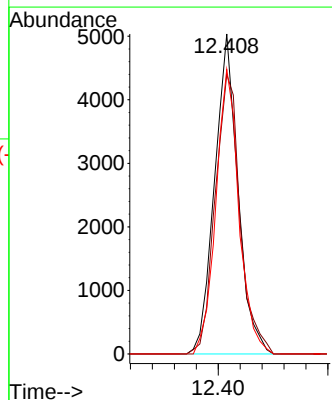
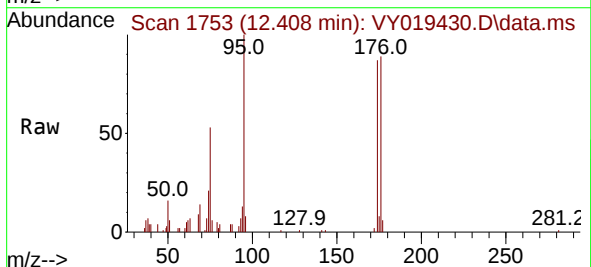
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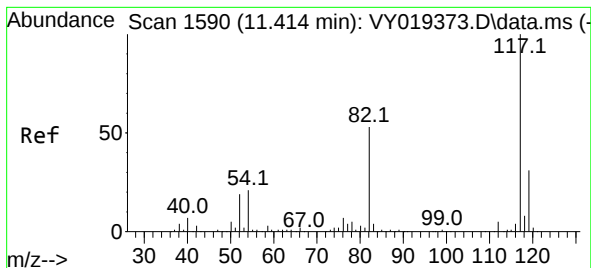
Tgt Ion: 98 Resp: 29632
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.452 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019430.D
Acq: 03 Sep 2024 15:37

Tgt Ion: 95 Resp: 7461
Ion Ratio Lower Upper
95 100
174 92.9 0.0 175.6
176 87.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019430.D

Acq: 03 Sep 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

DNB-44-COMPOSITERE

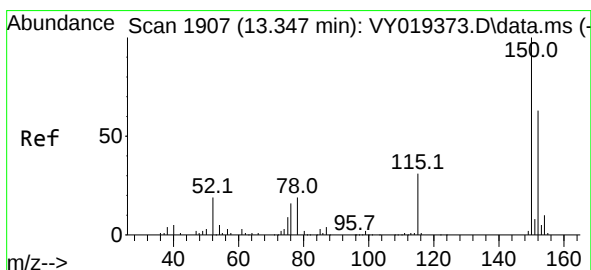
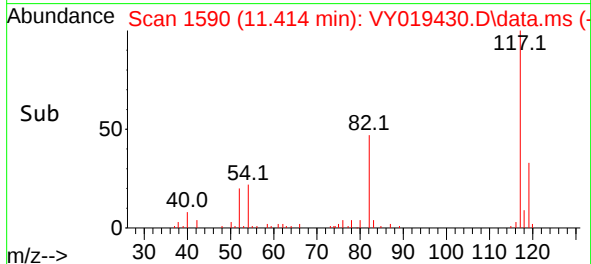
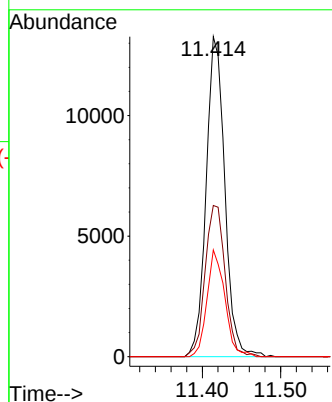
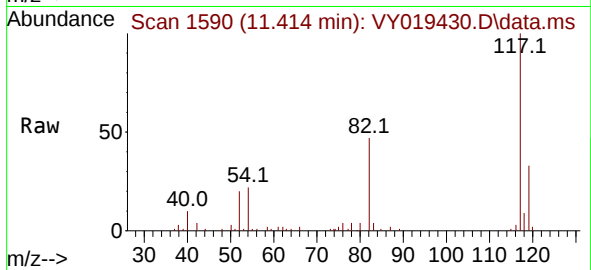
Tgt Ion:117 Resp: 21951

Ion Ratio Lower Upper

117 100

82 47.2 42.4 63.6

119 33.4 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: VY019430.D

Acq: 03 Sep 2024 15:37

Tgt Ion:152 Resp: 6614

Ion Ratio Lower Upper

152 100

115 61.4 28.2 84.7

150 164.0 0.0 345.6

