

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019767.D
 Acq On : 02 Oct 2024 16:10
 Operator : SY/MD
 Sample : P4257-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-240

Quant Time: Oct 03 02:04:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	276762	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	534065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	470057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	176553	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	164308	64.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.220%
35) Dibromofluoromethane	7.634	113	168948	55.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.580%
50) Toluene-d8	10.103	98	631991	56.428	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.860%
62) 4-Bromofluorobenzene	12.401	95	207876	48.270	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.540%

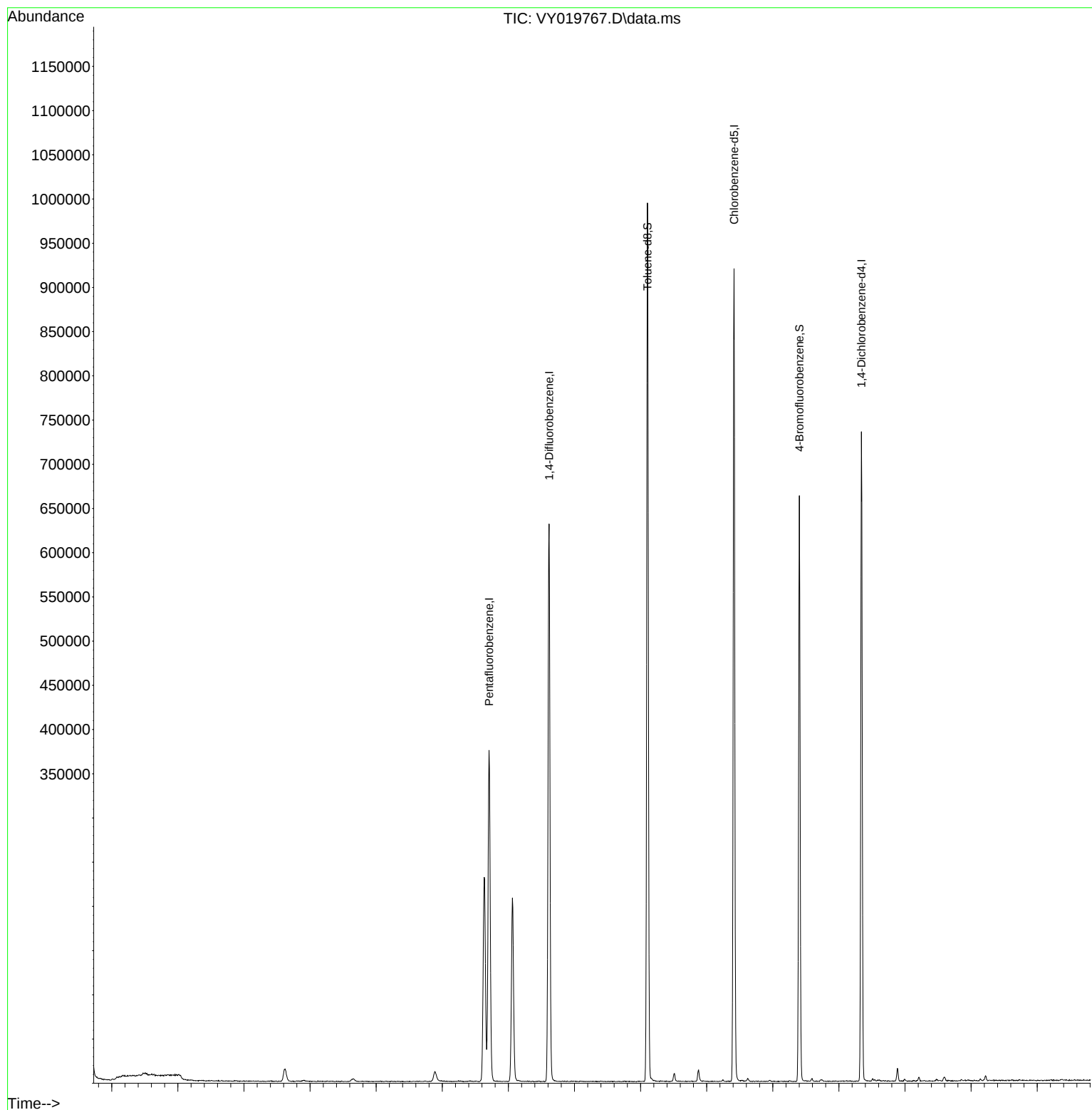
Target Compounds	Qvalue

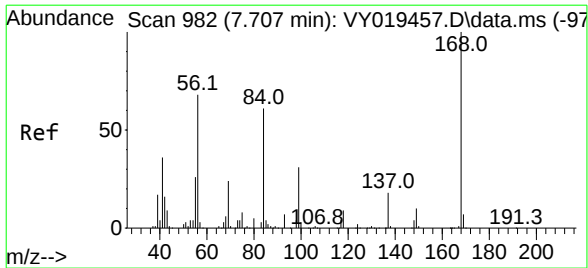
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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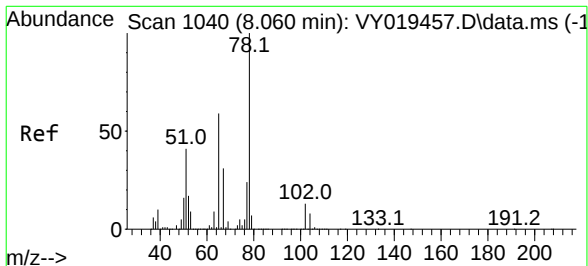
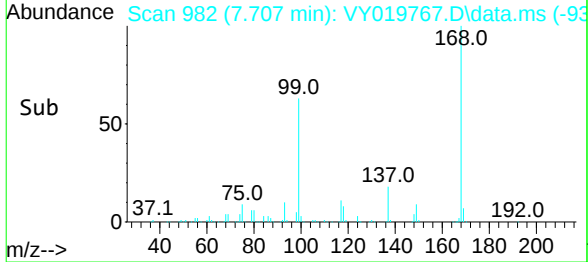
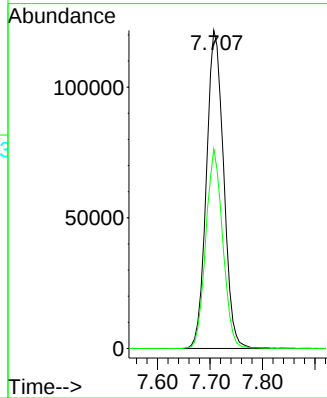
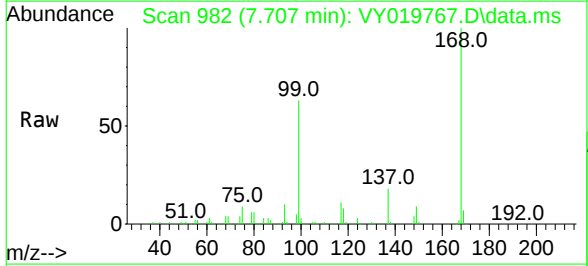




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019767.D
Acq: 02 Oct 2024 16:10

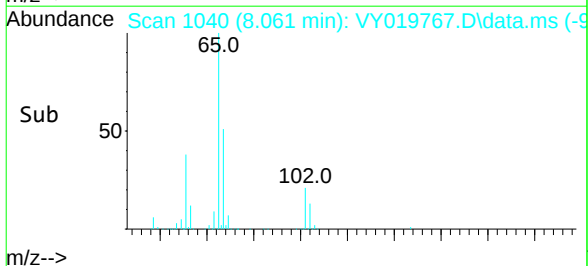
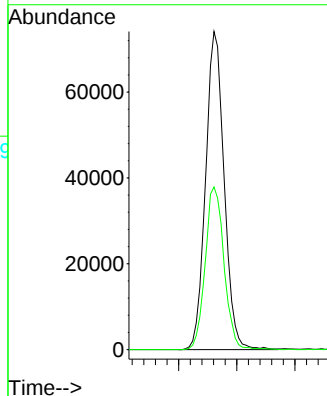
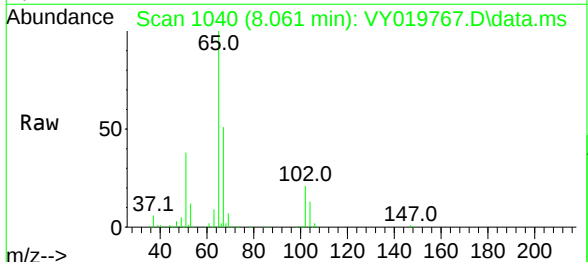
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

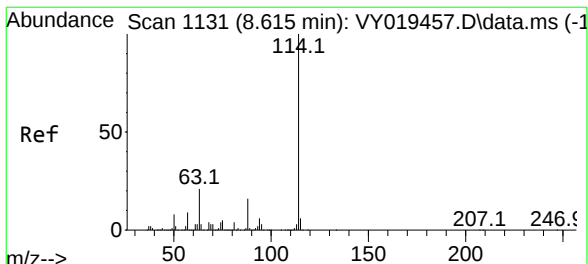
Tgt Ion:168 Resp: 276762
Ion Ratio Lower Upper
168 100
99 62.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 64.114 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019767.D
Acq: 02 Oct 2024 16:10

Tgt Ion: 65 Resp: 164308
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

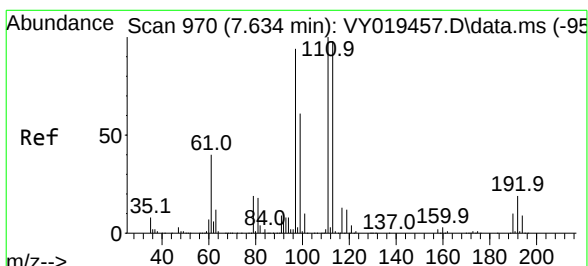
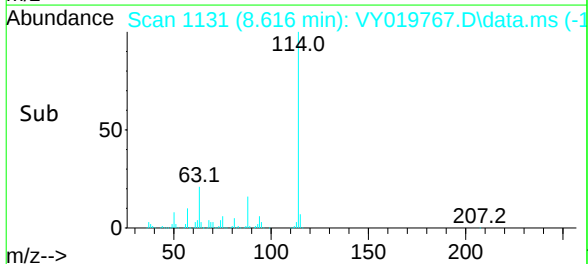
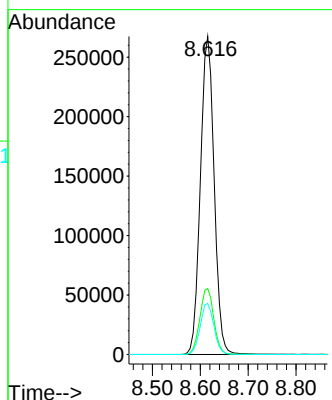
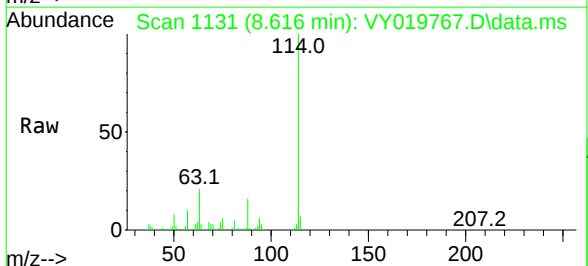




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019767.D
 Acq: 02 Oct 2024 16:10

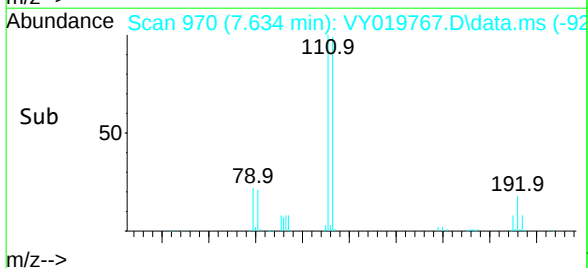
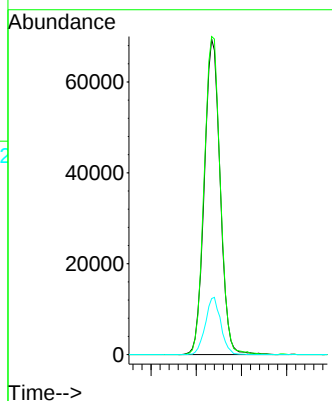
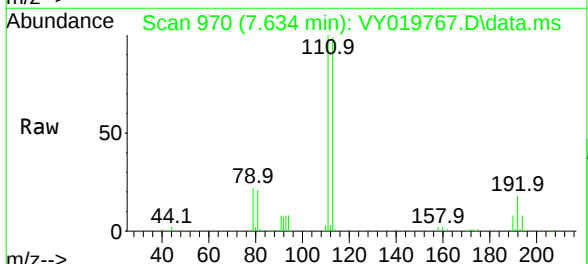
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-240

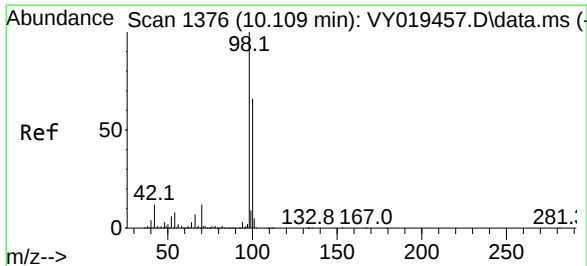
Tgt Ion:	114	Resp:	534065
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	35.0
88	16.0	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 55.794 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY019767.D
 Acq: 02 Oct 2024 16:10

Tgt Ion:	113	Resp:	168948
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	17.7	15.9	23.9





#50

Toluene-d8

Concen: 56.428 ug/l

RT: 10.103 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY019767.D

Acq: 02 Oct 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :

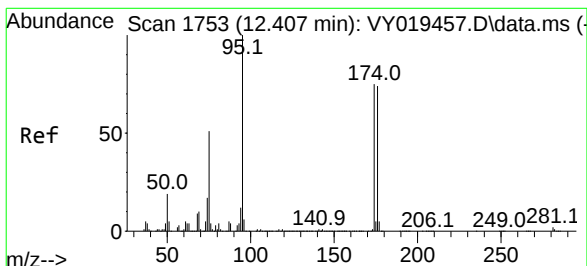
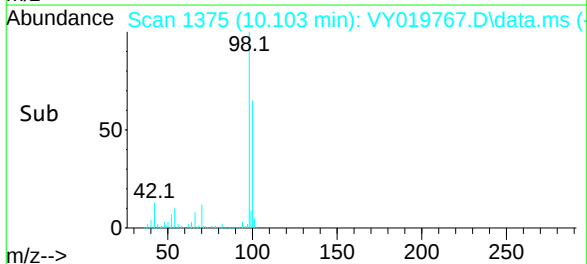
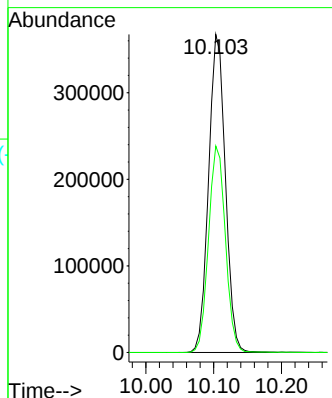
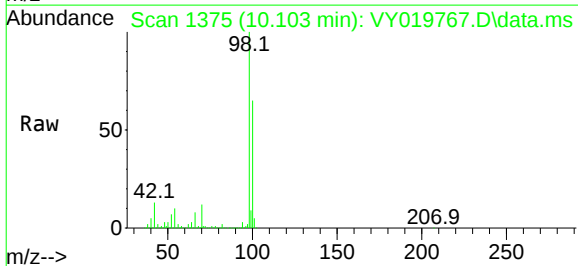
VNJ-240

Tgt Ion: 98 Resp: 631991

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.270 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019767.D

Acq: 02 Oct 2024 16:10

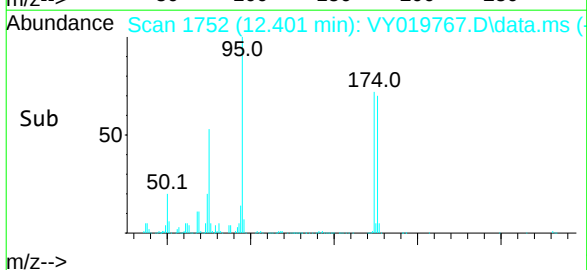
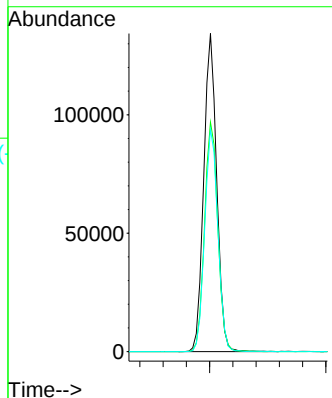
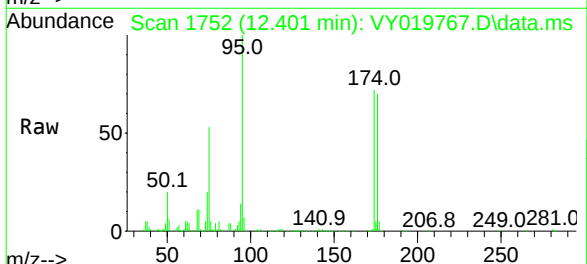
Tgt Ion: 95 Resp: 207876

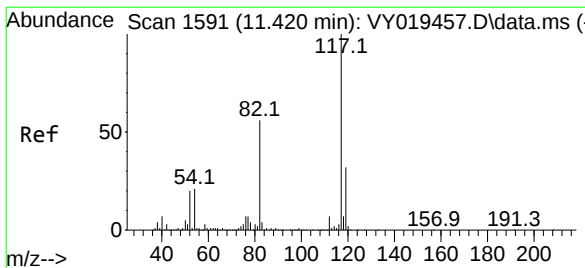
Ion Ratio Lower Upper

95 100

174 73.7 0.0 175.6

176 70.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY019767.D

Acq: 02 Oct 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-240

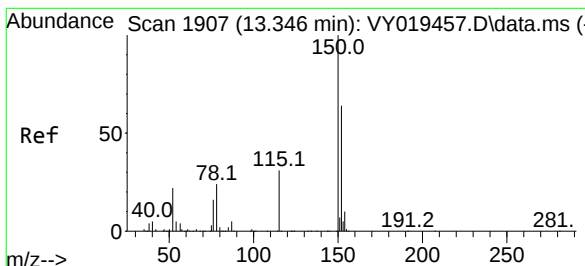
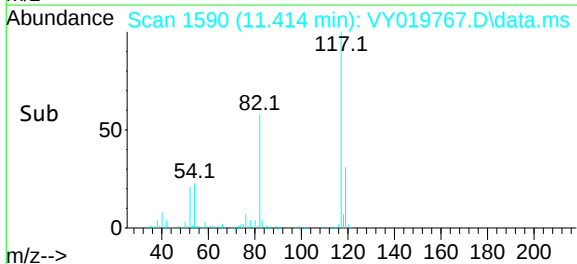
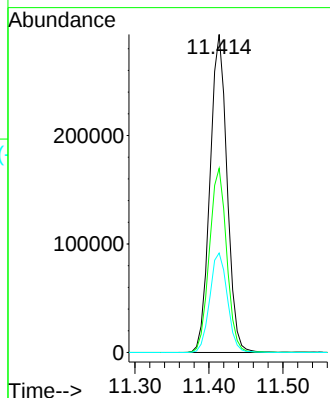
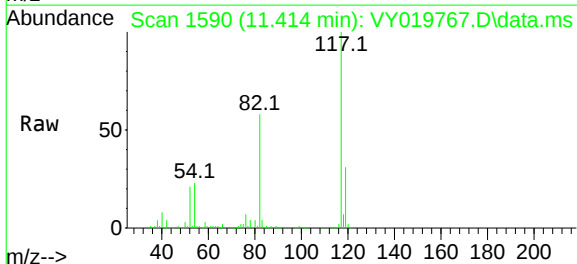
Tgt Ion:117 Resp: 470057

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 31.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019767.D

Acq: 02 Oct 2024 16:10

Tgt Ion:152 Resp: 176553

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 157.4 0.0 345.6

