

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020162.D
 Acq On : 05 Nov 2024 13:21
 Operator : SY/MD
 Sample : P4675-04
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4

Quant Time: Nov 06 00:24:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	157570	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	332516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	314463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	115711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121465	61.765	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.520%	
35) Dibromofluoromethane	7.634	113	114908	54.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.700%	
50) Toluene-d8	10.109	98	416182	49.456	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	12.408	95	129531	47.389	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.780%	

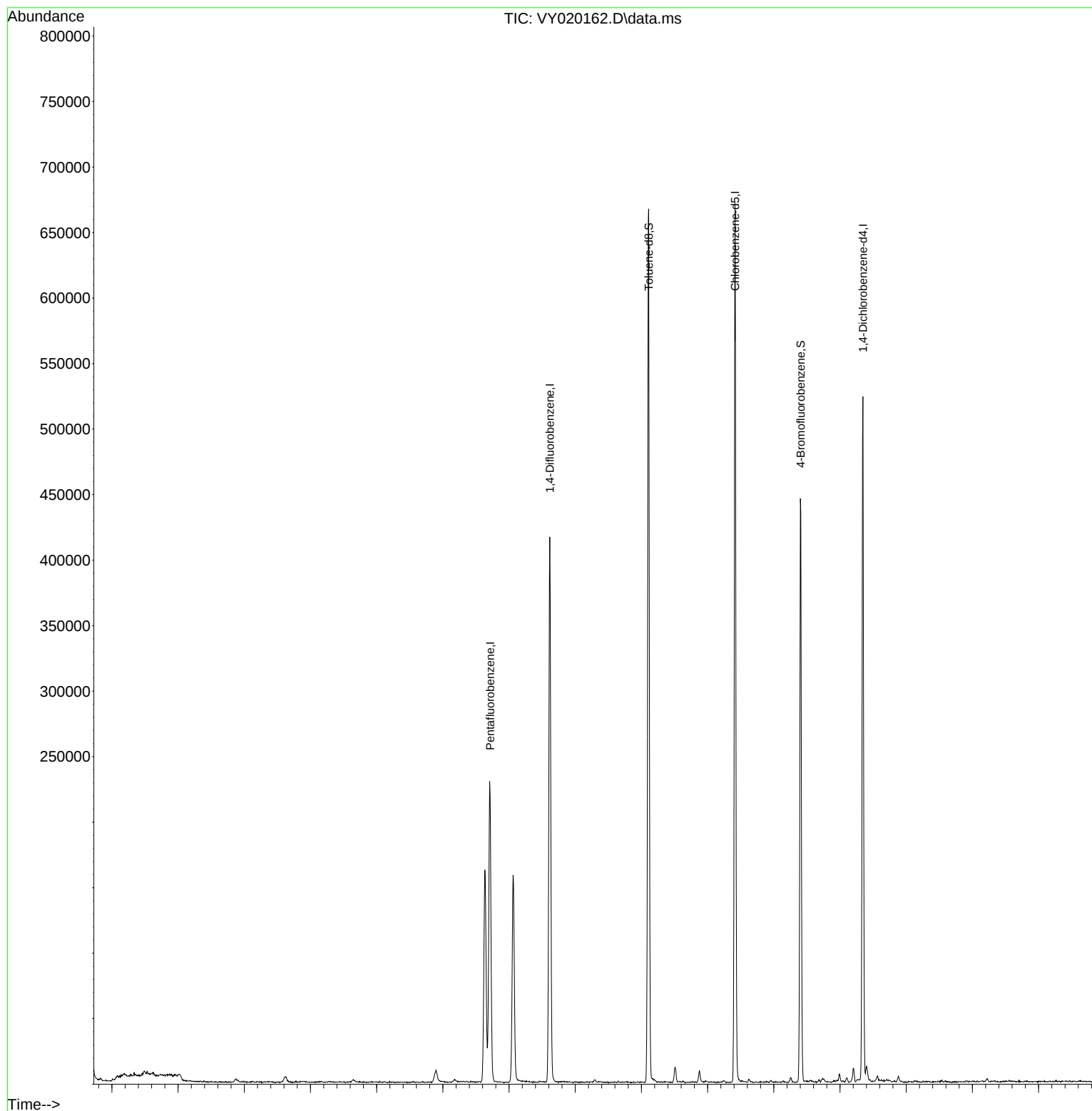
Target Compounds Qvalue

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

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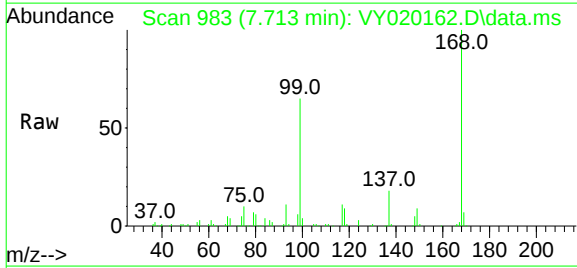
Quant Time: Nov 06 00:24:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
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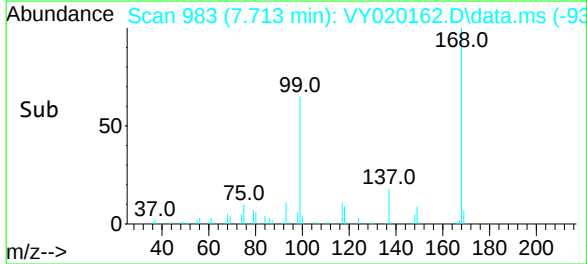
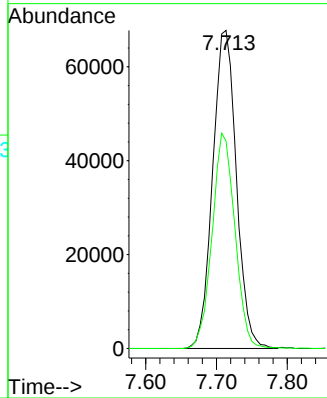


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

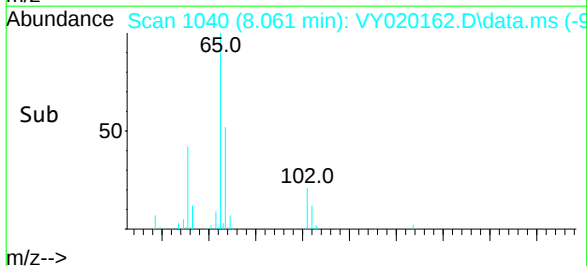
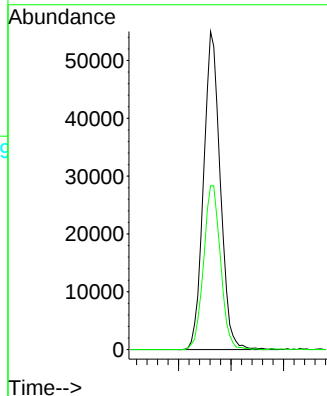
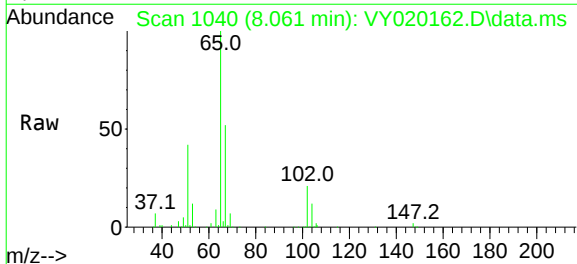


Tgt Ion:168 Resp: 157570
Ion Ratio Lower Upper
168 100
99 65.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.765 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

Tgt Ion: 65 Resp: 121465
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

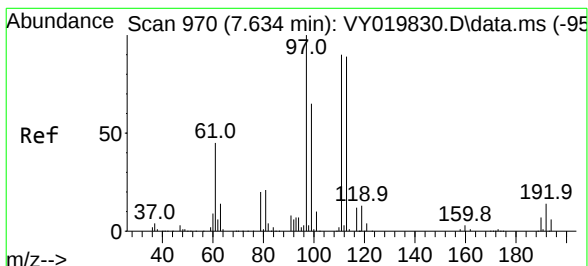
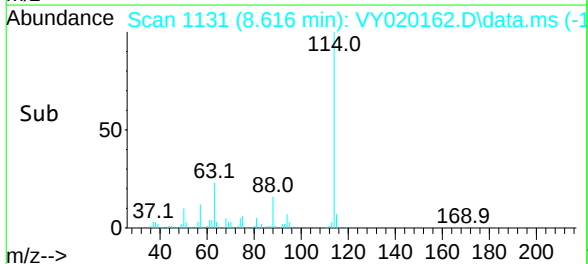
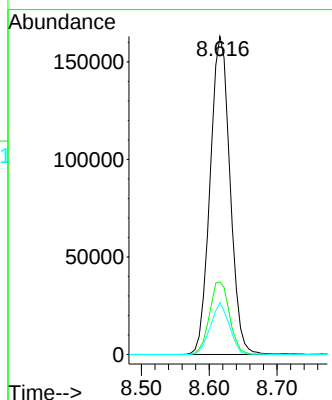
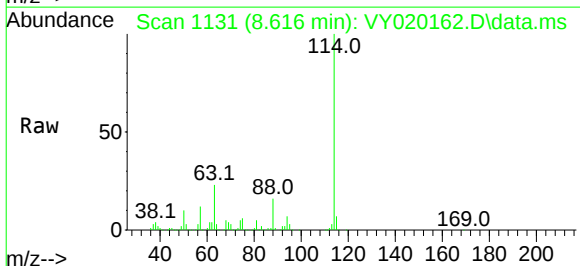




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020162.D
 Acq: 05 Nov 2024 13:21

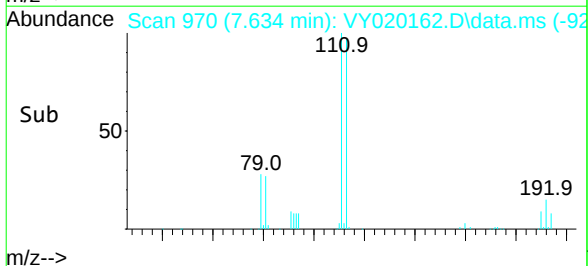
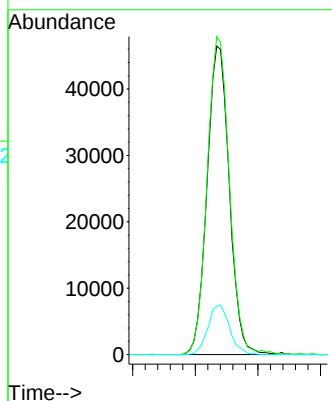
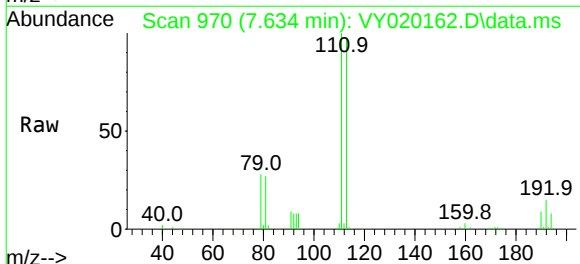
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4

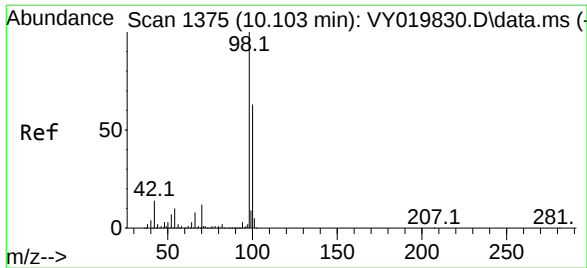
Tgt Ion:	114	Resp:	332516
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	35.0
88	16.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 54.353 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020162.D
 Acq: 05 Nov 2024 13:21

Tgt Ion:	113	Resp:	114908
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	15.6	15.9	23.9





#50

Toluene-d8

Concen: 49.456 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020162.D

Acq: 05 Nov 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

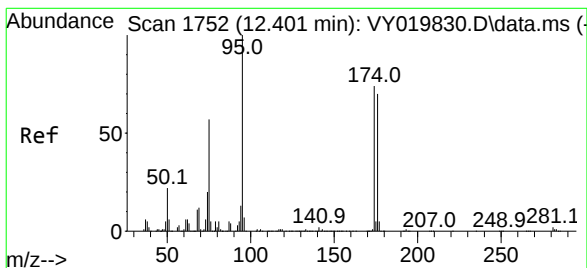
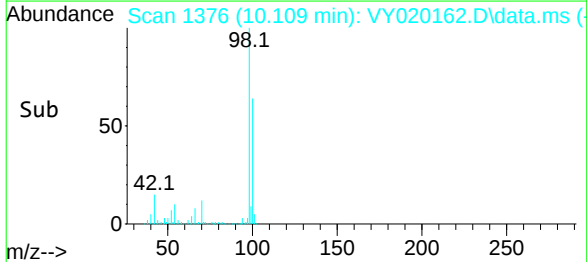
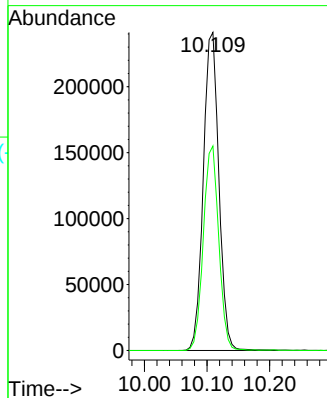
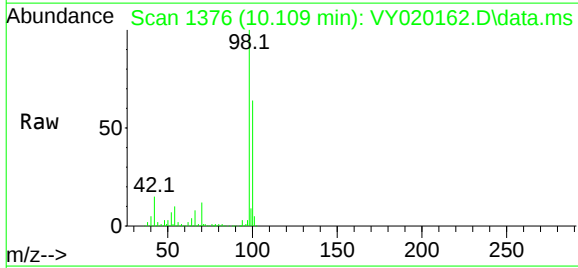
COMP-4

Tgt Ion: 98 Resp: 416182

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.389 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020162.D

Acq: 05 Nov 2024 13:21

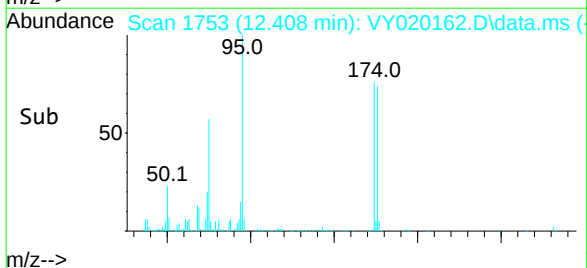
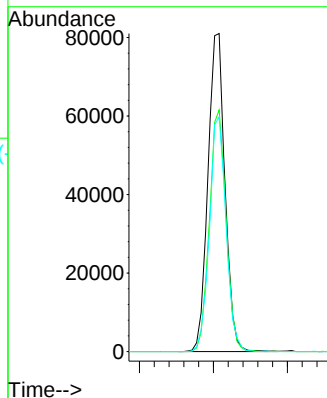
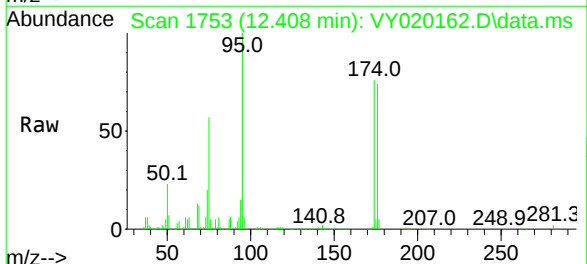
Tgt Ion: 95 Resp: 129531

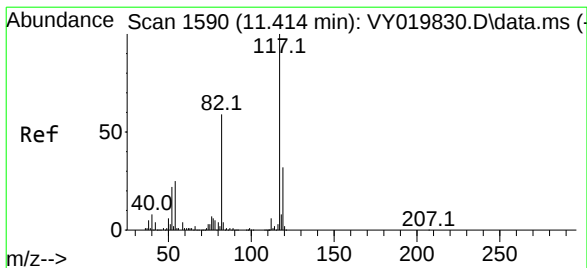
Ion Ratio Lower Upper

95 100

174 74.4 0.0 175.6

176 71.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020162.D

Acq: 05 Nov 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

COMP-4

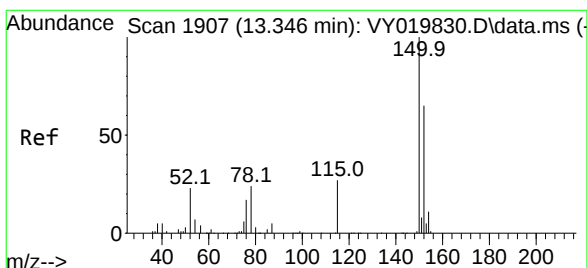
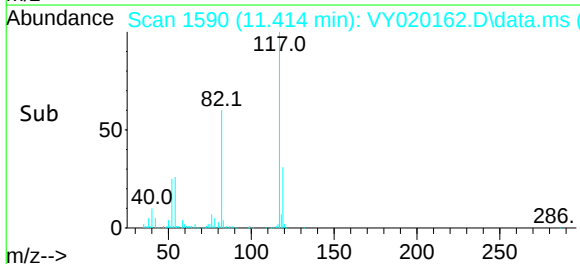
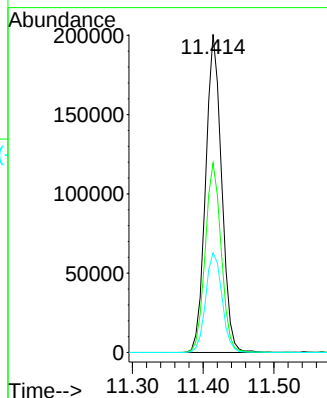
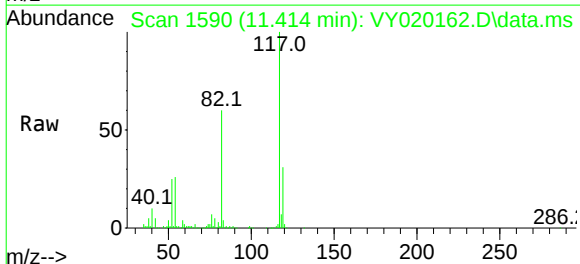
Tgt Ion:117 Resp: 314463

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 31.3 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: VY020162.D

Acq: 05 Nov 2024 13:21

Tgt Ion:152 Resp: 115711

Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 156.5 0.0 345.6

