

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020143.D
 Acq On : 04 Nov 2024 15:23
 Operator : SY/MD
 Sample : P4675-03
 Misc : 4.18g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Nov 05 00:33:12 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	160931	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	337460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	316034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	115374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	113975	56.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.500%
35) Dibromofluoromethane	7.634	113	112284	52.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.660%
50) Toluene-d8	10.109	98	427041	50.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.401	95	129814	46.797	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.600%

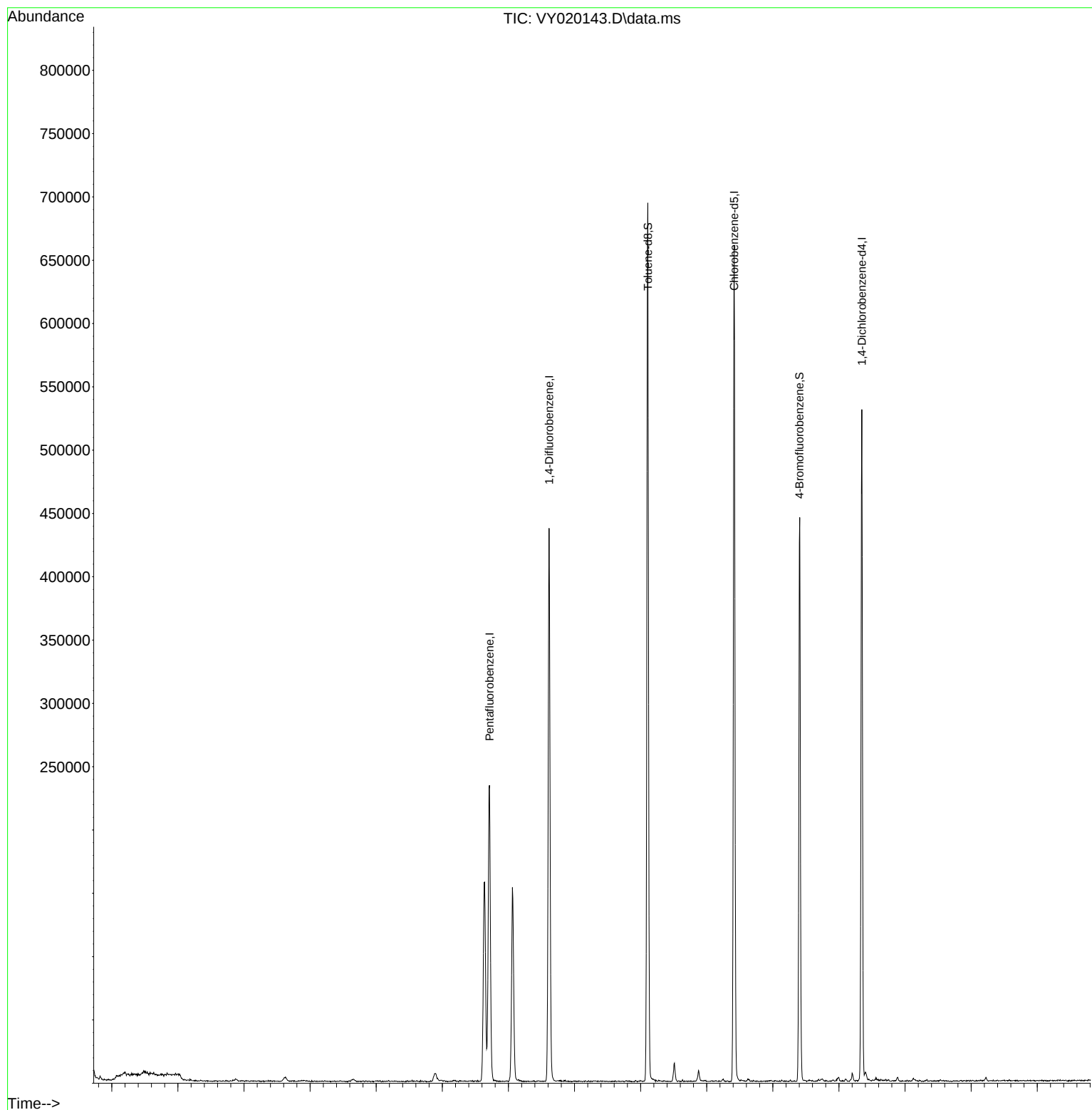
Target Compounds	Qvalue

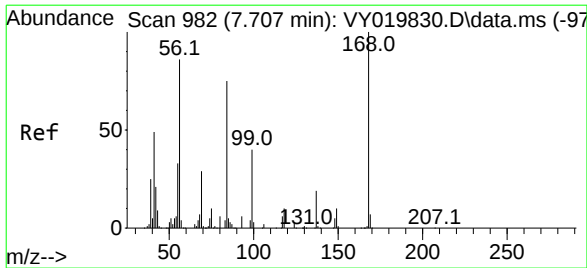
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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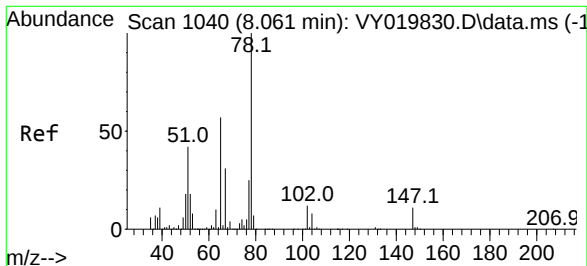
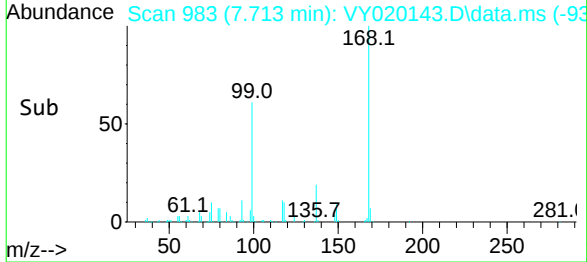
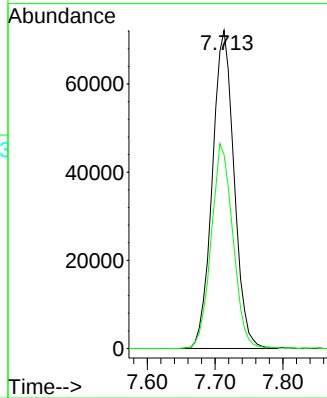
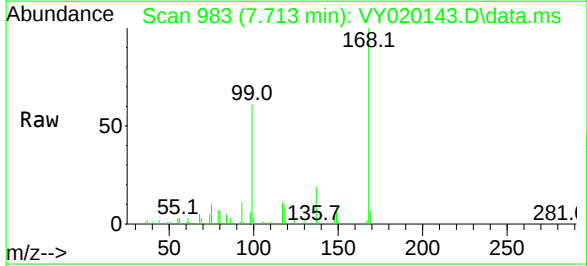




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020143.D
Acq: 04 Nov 2024 15:23

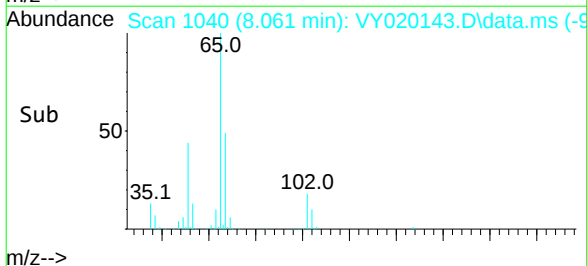
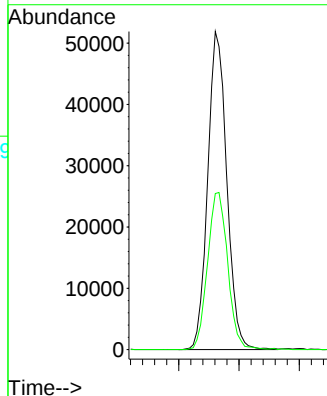
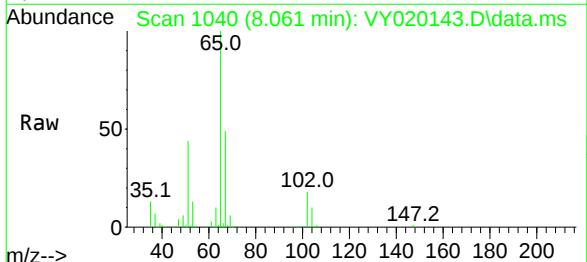
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:168 Resp: 160931
Ion Ratio Lower Upper
168 100
99 60.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 56.746 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020143.D
Acq: 04 Nov 2024 15:23

Tgt Ion: 65 Resp: 113975
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

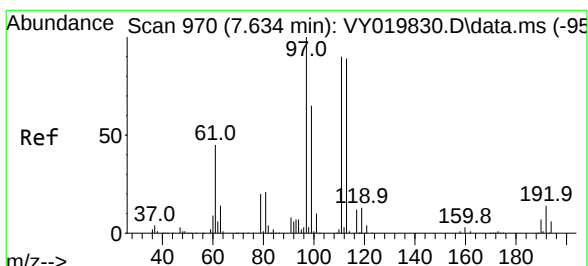
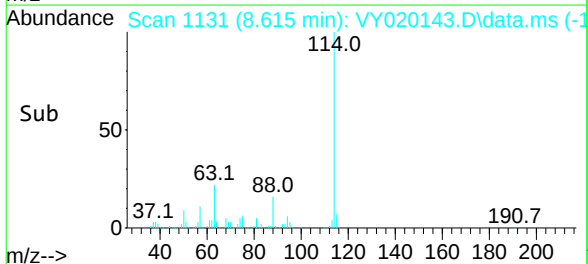
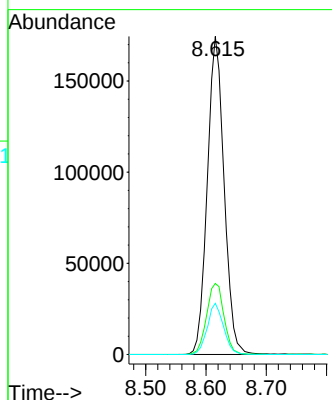
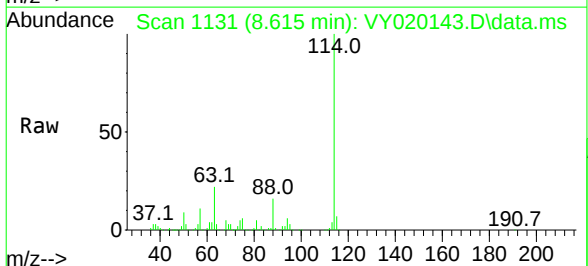




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020143.D
 Acq: 04 Nov 2024 15:23

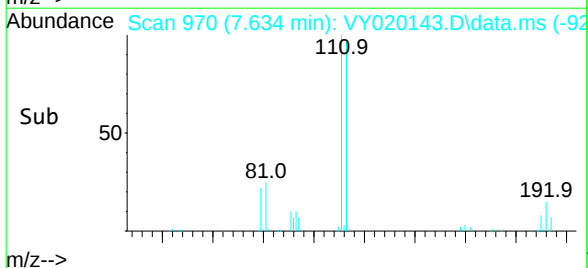
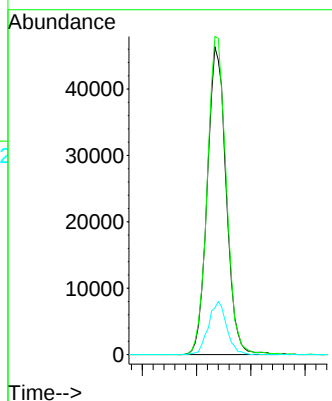
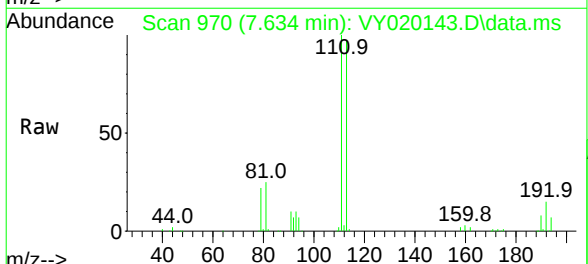
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

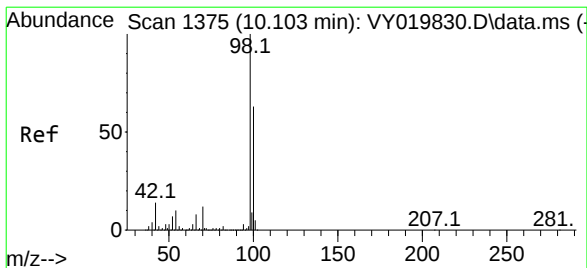
Tgt Ion:	114	Resp:	337460
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	35.0
88	16.1	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.333 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020143.D
 Acq: 04 Nov 2024 15:23

Tgt Ion:	113	Resp:	112284
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	16.6	15.9	23.9





#50

Toluene-d8

Concen: 50.003 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020143.D

Acq: 04 Nov 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

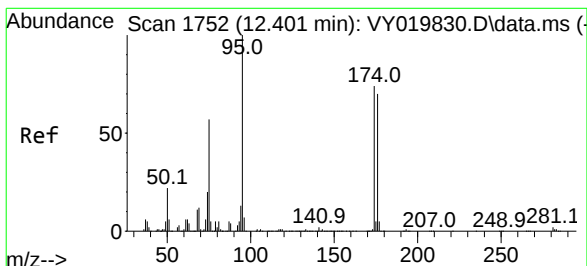
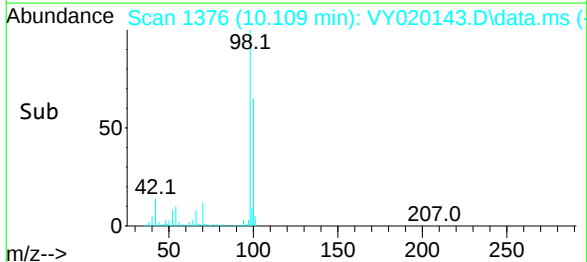
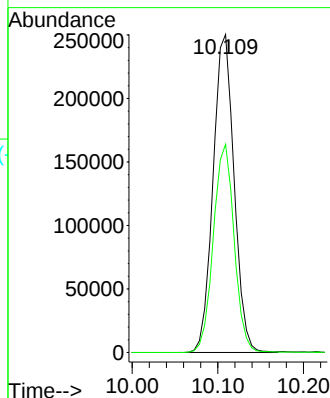
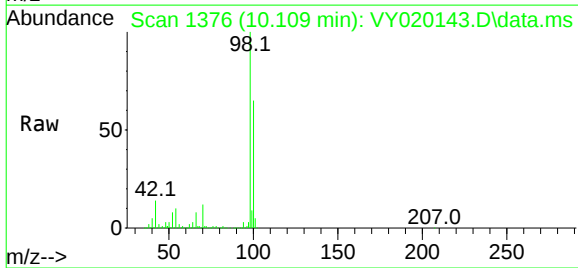
COMP-3

Tgt Ion: 98 Resp: 427041

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.797 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020143.D

Acq: 04 Nov 2024 15:23

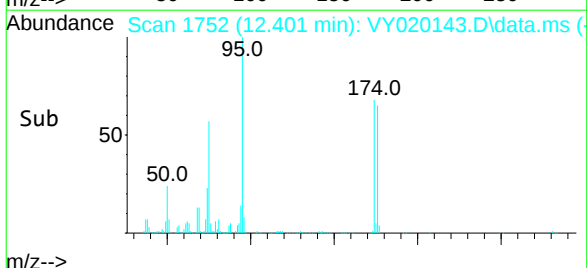
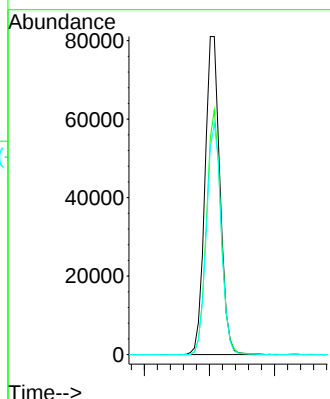
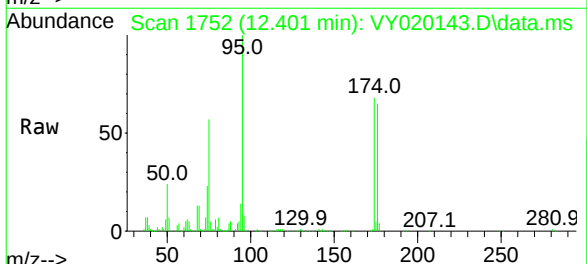
Tgt Ion: 95 Resp: 129814

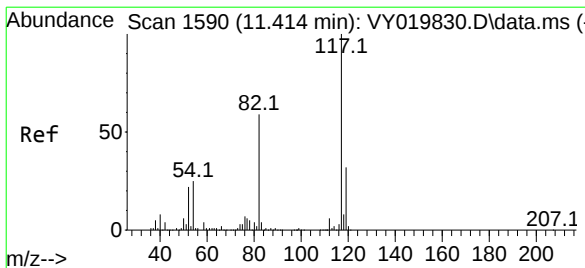
Ion Ratio Lower Upper

95 100

174 74.1 0.0 175.6

176 71.0 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: VY020143.D

Acq: 04 Nov 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

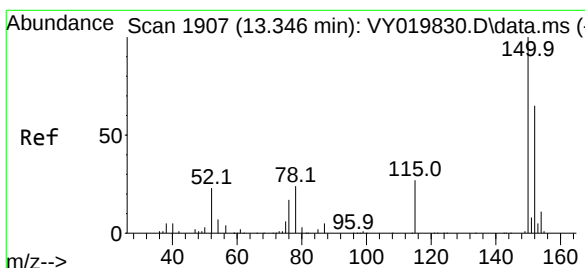
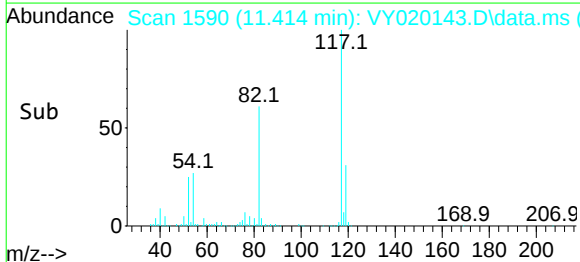
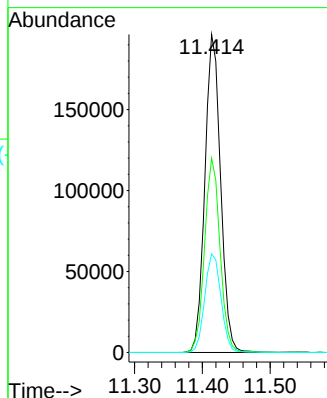
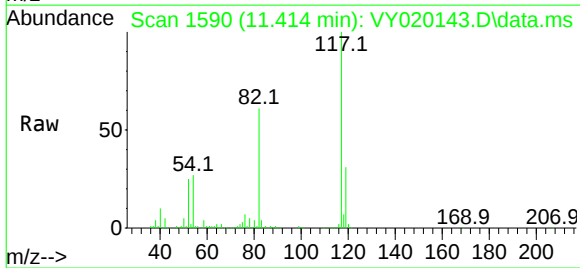
Tgt Ion:117 Resp: 316034

Ion Ratio Lower Upper

117 100

82 61.1 42.4 63.6

119 31.0 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: VY020143.D

Acq: 04 Nov 2024 15:23

Tgt Ion:152 Resp: 115374

Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 157.1 0.0 345.6

