

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020117.D
 Acq On : 01 Nov 2024 14:23
 Operator : SY/MD
 Sample : P4611-13
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Nov 01 16:03:20 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)

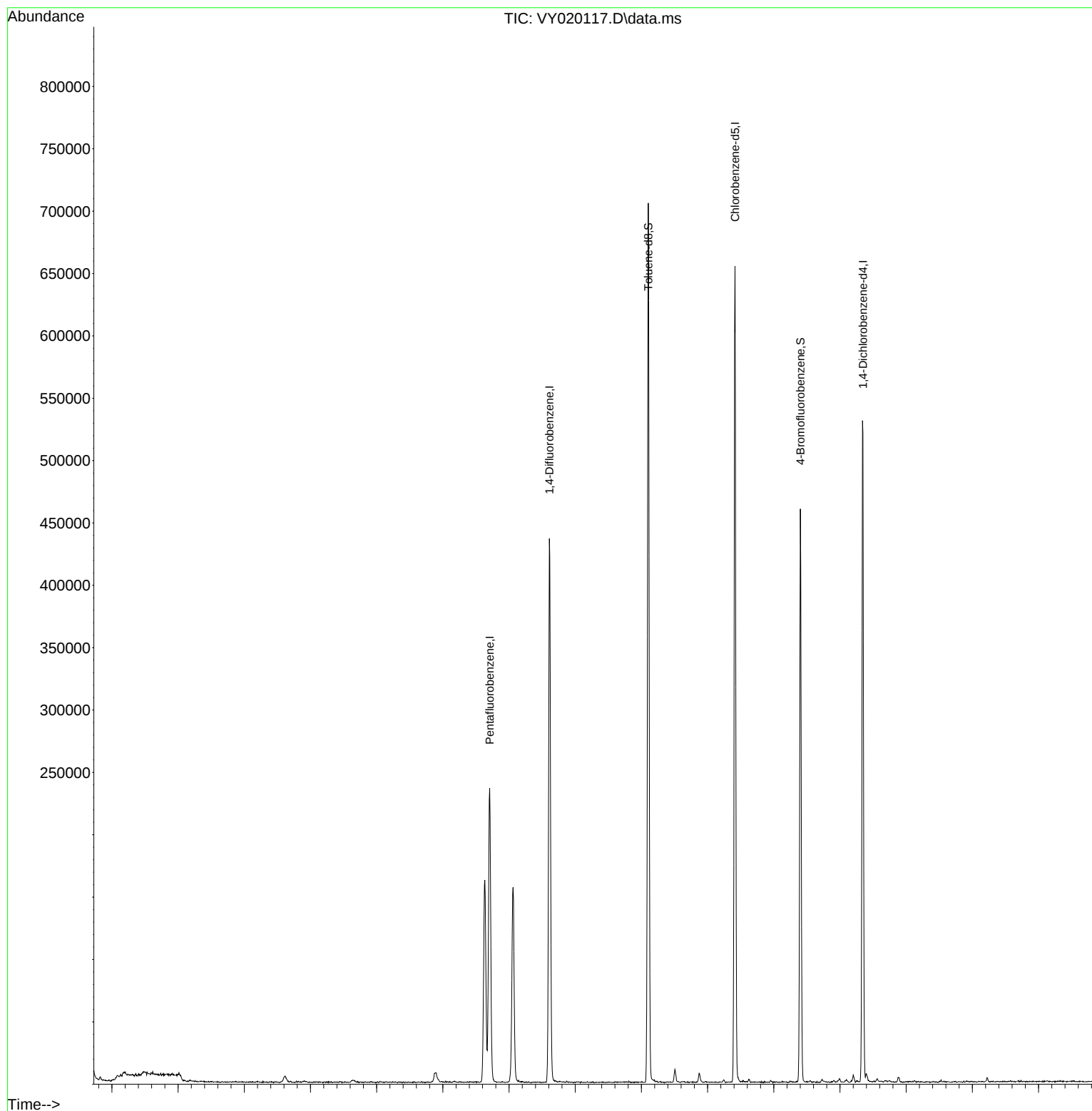
Internal Standards						
1) Pentafluorobenzene	7.707	168	163466	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	343691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	321051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	119967	58.803	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.600%
35) Dibromofluoromethane	7.634	113	116779	53.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.880%
50) Toluene-d8	10.103	98	430500	49.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.401	95	133514	47.258	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.520%
Target Compounds						
20) Methylene Chloride	4.622	84	3209	1.506	ug/l	# 90

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

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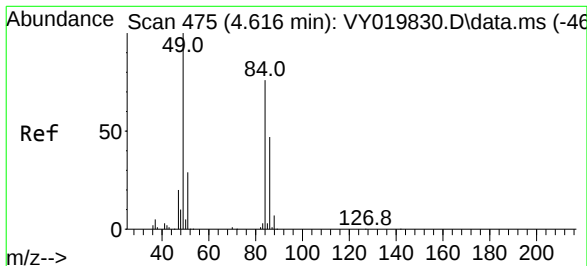
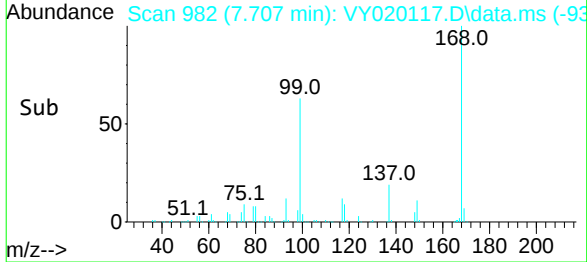
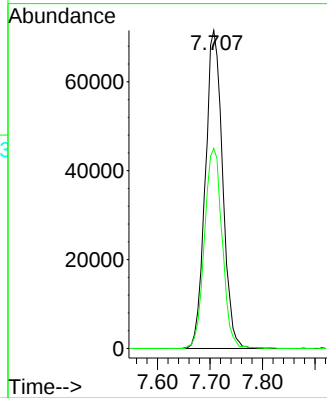
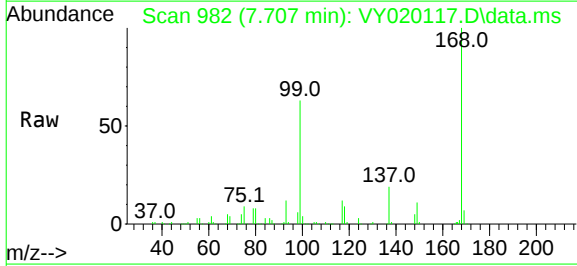




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

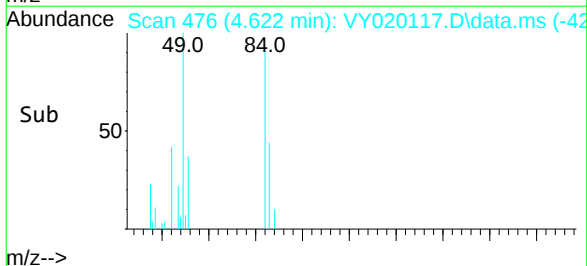
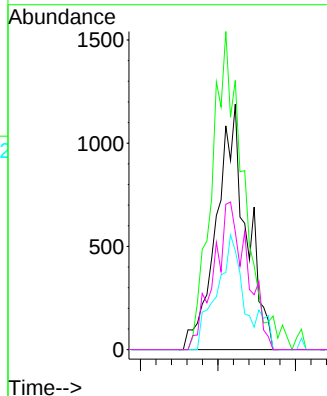
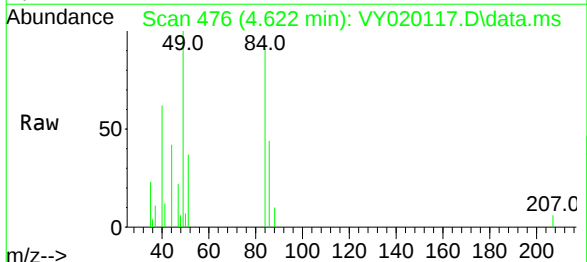
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

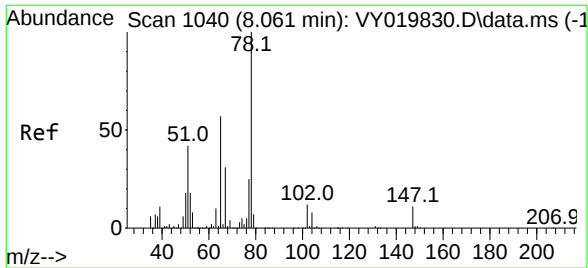
Tgt Ion:168 Resp: 163466
Ion Ratio Lower Upper
168 100
99 62.9 39.1 58.7#



#20
Methylene Chloride
Concen: 1.506 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

Tgt Ion: 84 Resp: 3209
Ion Ratio Lower Upper
84 100
49 109.7 84.4 126.6
51 40.4 26.0 39.0#
86 48.0 49.5 74.3#

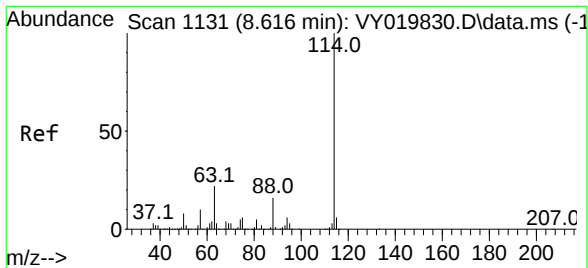
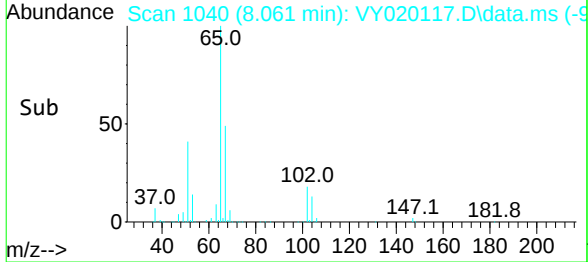
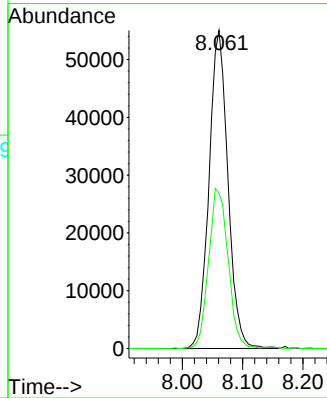
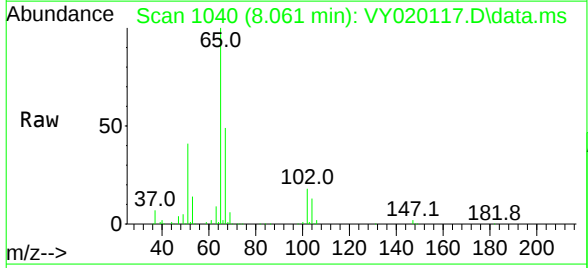




#33
1,2-Dichloroethane-d4
Concen: 58.803 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

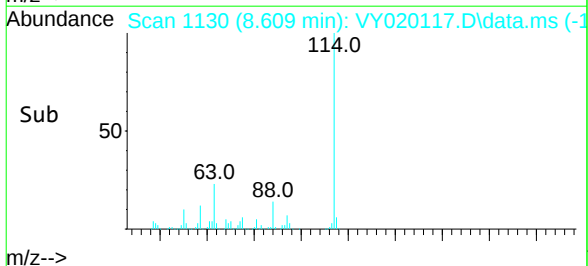
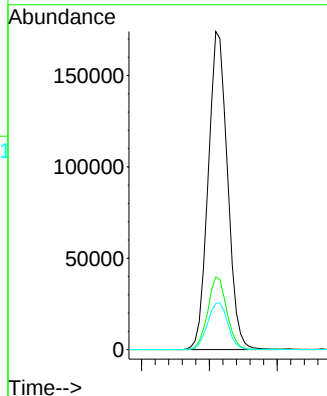
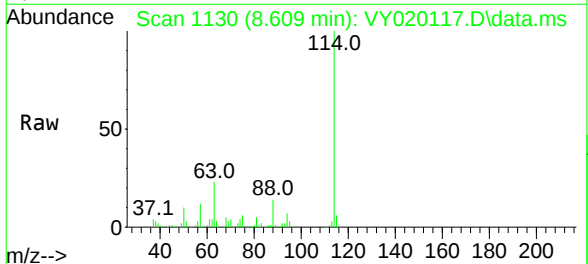
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

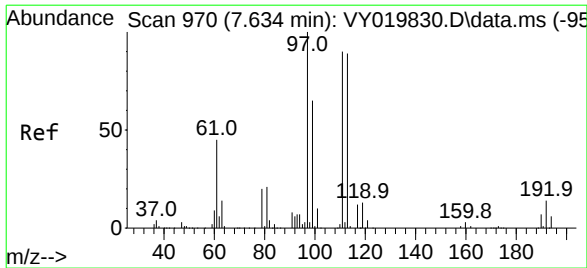
Tgt Ion: 65 Resp: 119967
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

Tgt Ion: 114 Resp: 343691
Ion Ratio Lower Upper
114 100
63 22.9 0.0 35.0
88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.442 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020117.D

Acq: 01 Nov 2024 14:23

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

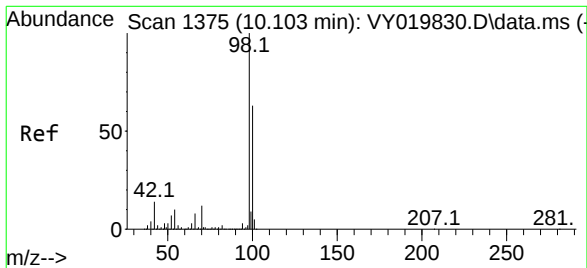
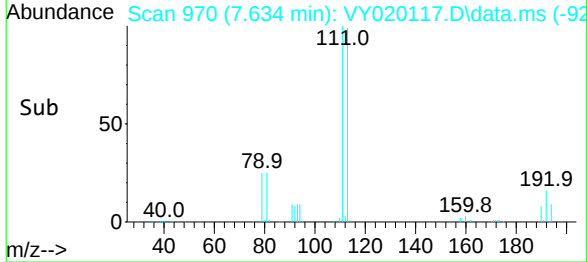
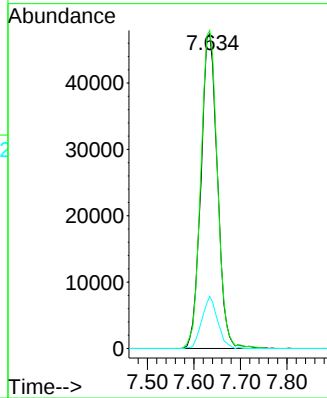
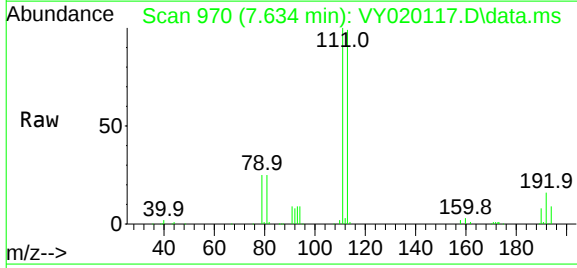
Tgt Ion:113 Resp: 116779

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 15.7 15.9 23.9#



#50

Toluene-d8

Concen: 49.494 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020117.D

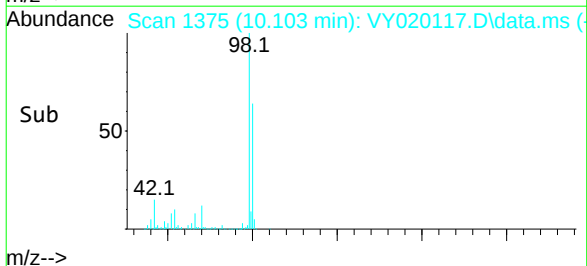
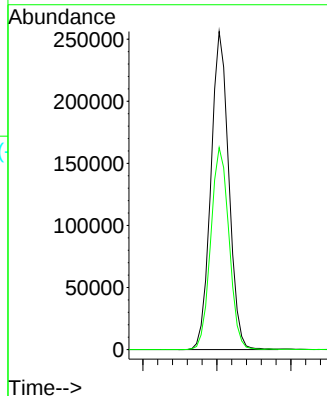
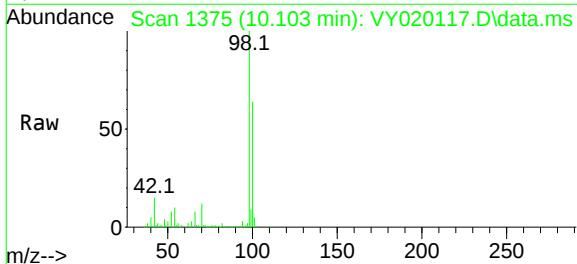
Acq: 01 Nov 2024 14:23

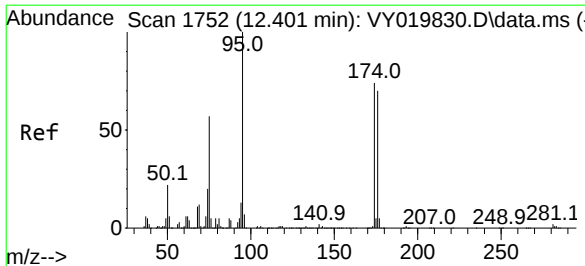
Tgt Ion: 98 Resp: 430500

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 47.258 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020117.D

Acq: 01 Nov 2024 14:23

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

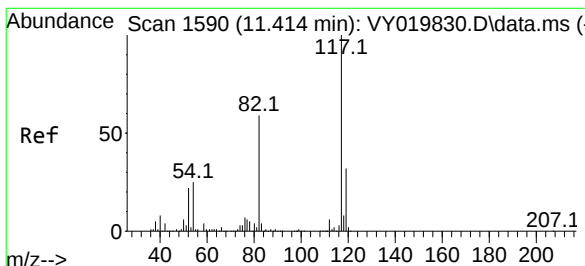
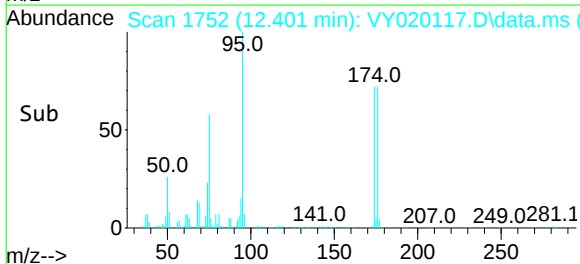
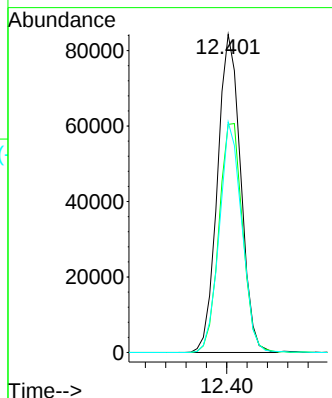
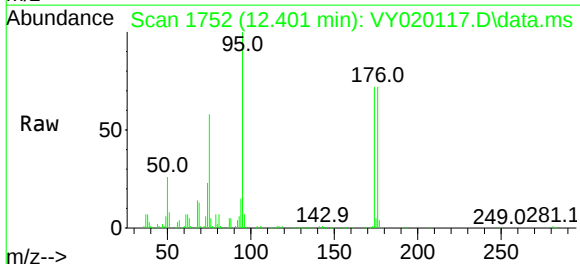
Tgt Ion: 95 Resp: 133514

Ion Ratio Lower Upper

95 100

174 73.1 0.0 175.6

176 70.3 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: VY020117.D

Acq: 01 Nov 2024 14:23

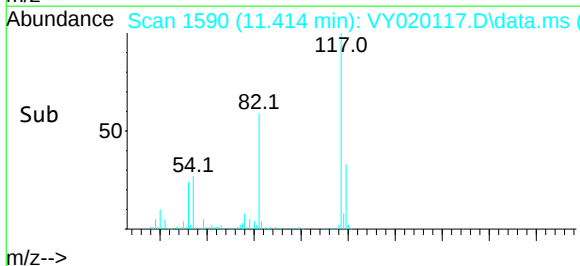
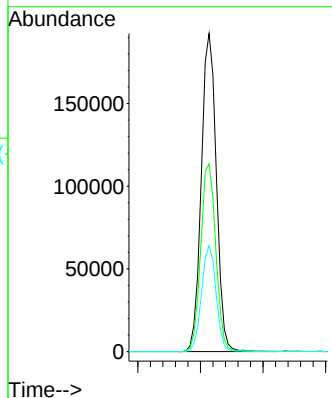
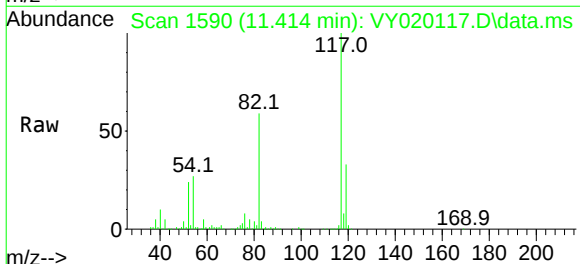
Tgt Ion: 117 Resp: 321051

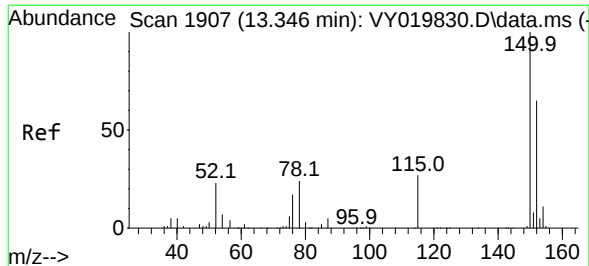
Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

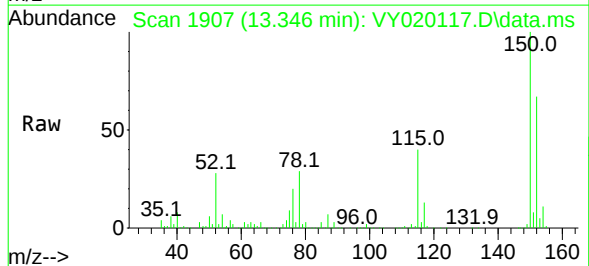
119 33.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020117.D
 Acq: 01 Nov 2024 14:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5



Tgt Ion:	152	Resp:	121068
Ion	Ratio	Lower	Upper
152	100		
115	61.8	28.2	84.7
150	154.5	0.0	345.6

