

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020232.D
 Acq On : 08 Nov 2024 14:48
 Operator : SY/MD
 Sample : P4771-05
 Misc : 7.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-1

Quant Time: Nov 08 22:19:18 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)

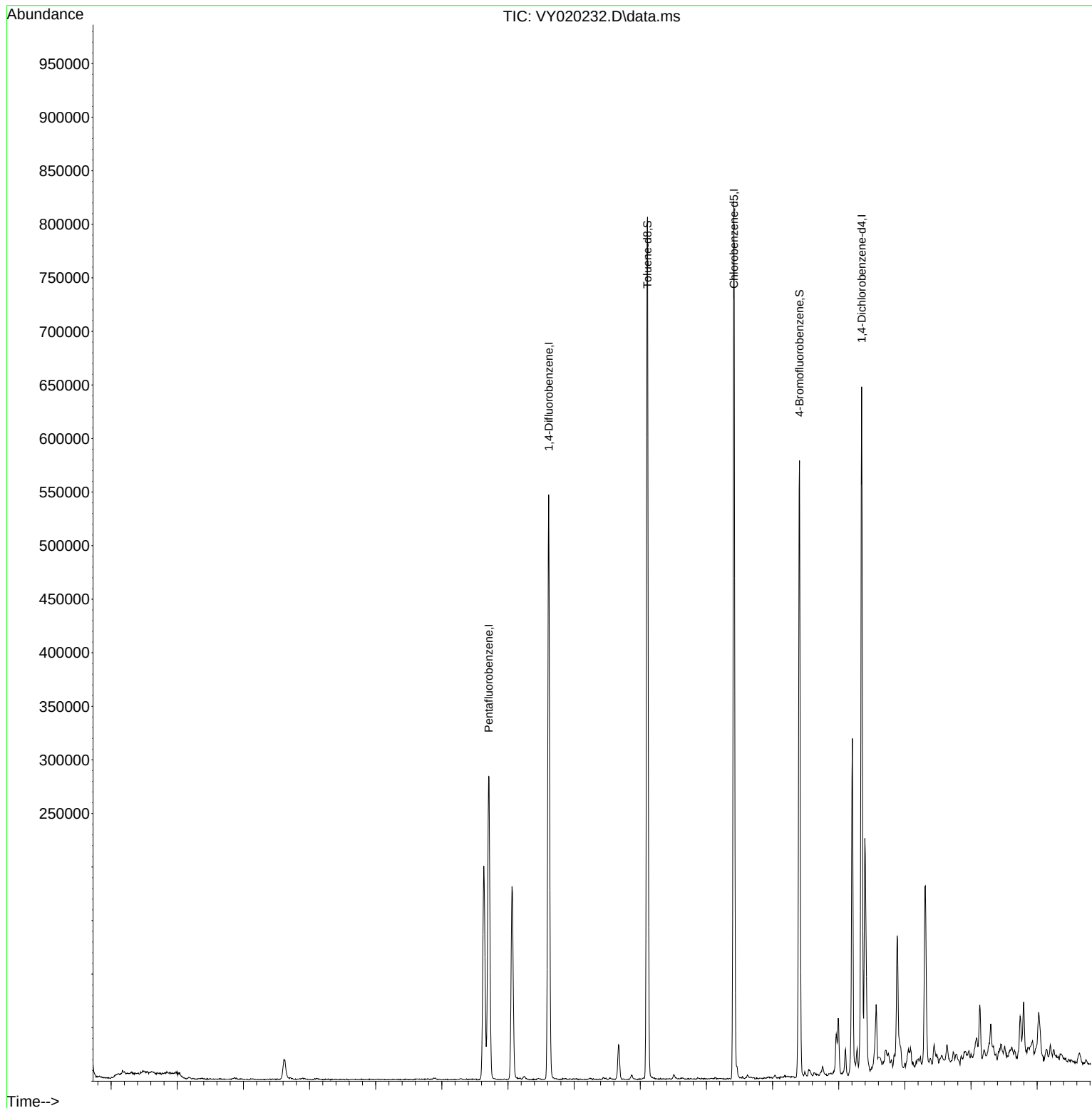
Internal Standards						
1) Pentafluorobenzene	7.707	168	197681	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	425026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	384906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144643	58.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.260%
35) Dibromofluoromethane	7.634	113	137292	50.806	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.620%
50) Toluene-d8	10.109	98	509992	47.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.408	95	164567	47.102	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.200%
Target Compounds						
20) Methylene Chloride	4.622	84	12878	4.996	ug/l	# 78

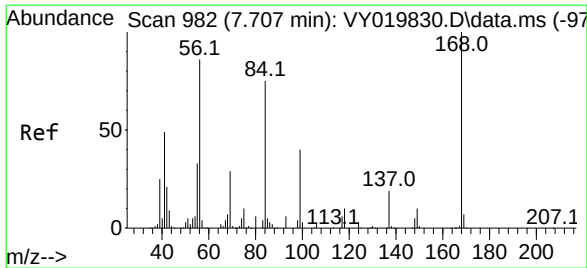
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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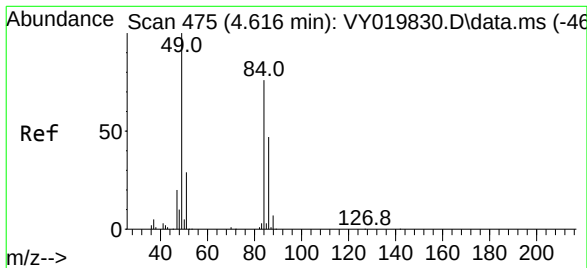
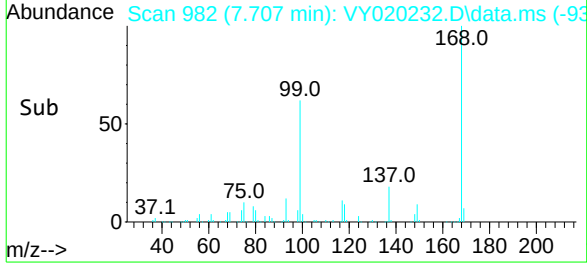
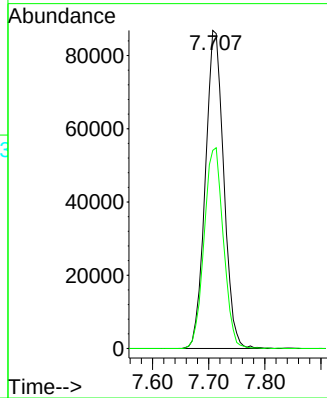
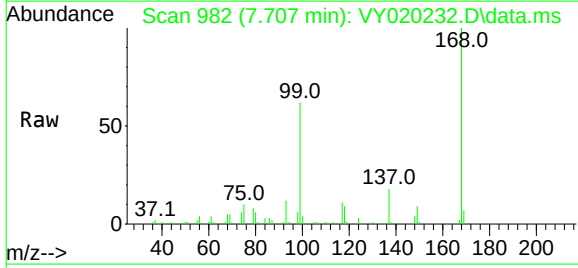




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

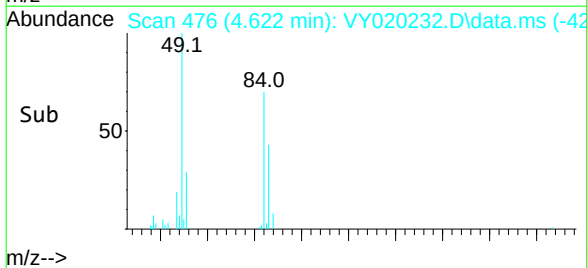
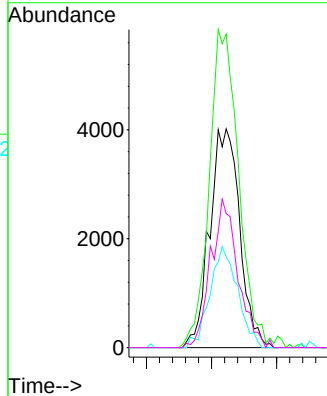
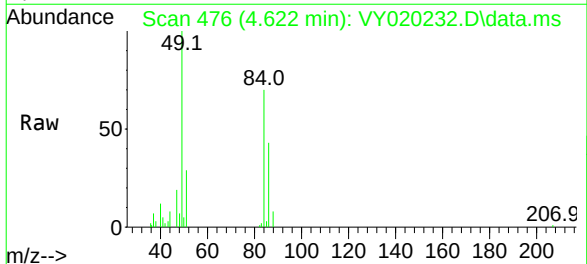
Instrument :
MSVOA_Y
ClientSampleId :
P-1

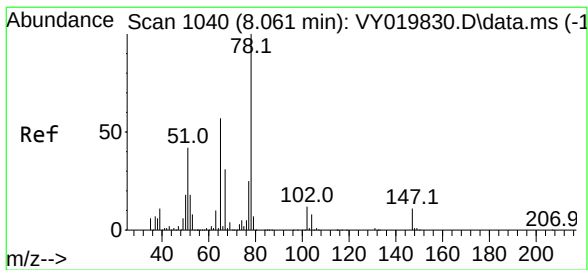
Tgt Ion:168 Resp: 197681
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#20
Methylene Chloride
Concen: 4.996 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

Tgt Ion: 84 Resp: 12878
Ion Ratio Lower Upper
84 100
49 143.3 84.4 126.6#
51 41.6 26.0 39.0#
86 61.3 49.5 74.3

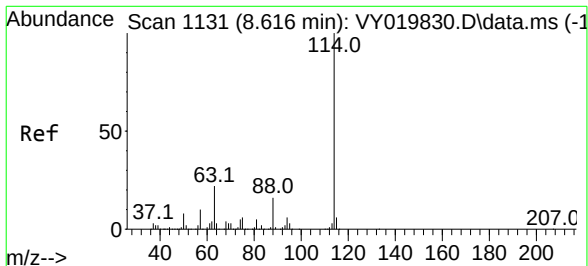
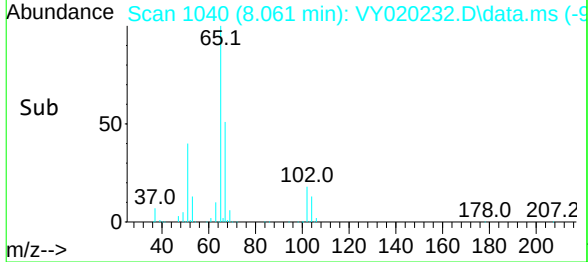
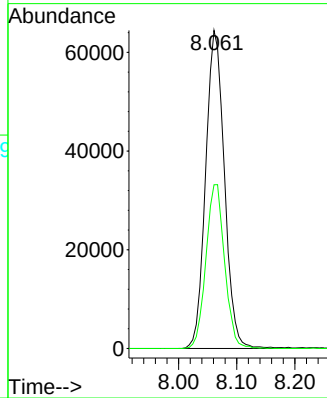
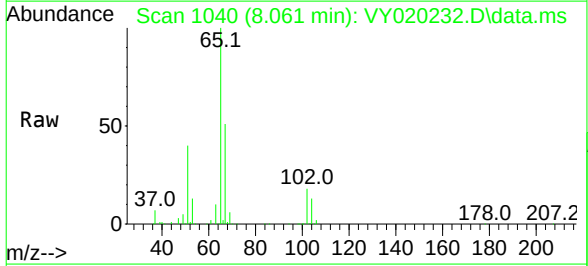




#33
1,2-Dichloroethane-d4
Concen: 58.627 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

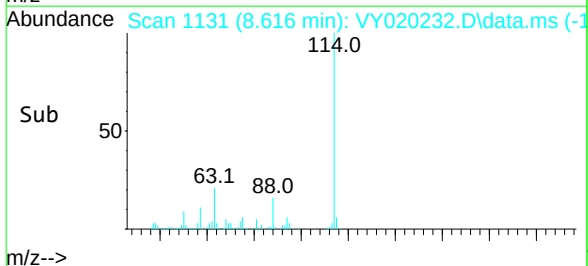
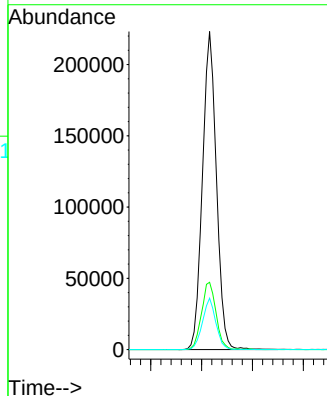
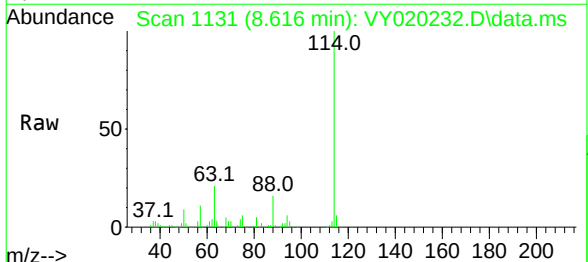
Instrument :
MSVOA_Y
ClientSampleId :
P-1

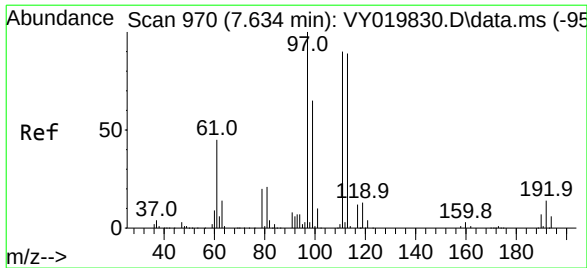
Tgt Ion: 65 Resp: 144643
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020232.D
Acq: 08 Nov 2024 14:48

Tgt Ion: 114 Resp: 425026
Ion Ratio Lower Upper
114 100
63 21.2 0.0 35.0
88 16.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.806 ug/l

RT: 7.634 min Scan# 97

Delta R.T. 0.000 min

Lab File: VY020232.D

Acq: 08 Nov 2024 14:48

Instrument :

MSVOA_Y

ClientSampleId :

P-1

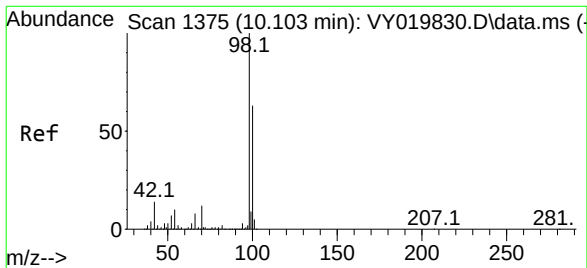
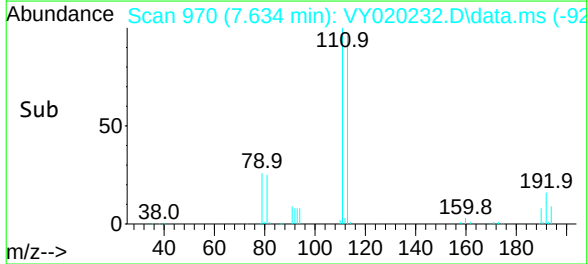
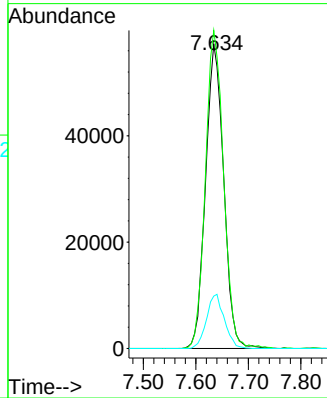
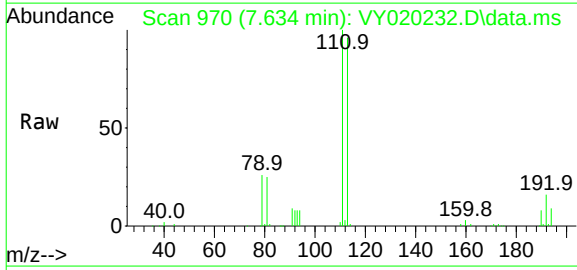
Tgt Ion:113 Resp: 137292

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 17.5 15.9 23.9



#50

Toluene-d8

Concen: 47.413 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020232.D

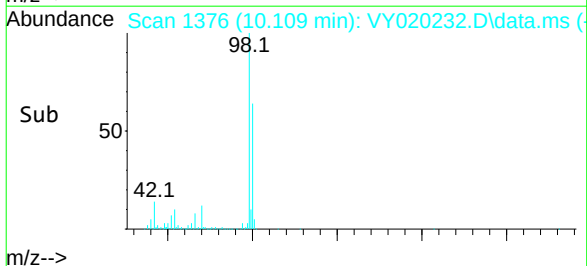
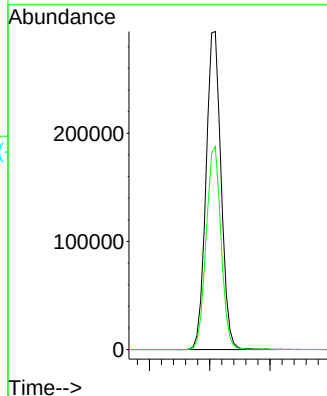
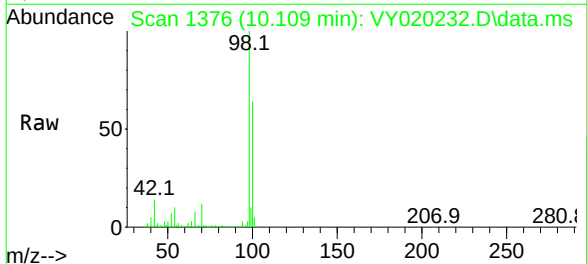
Acq: 08 Nov 2024 14:48

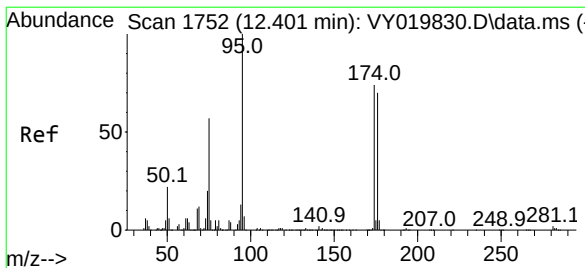
Tgt Ion: 98 Resp: 509992

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 47.102 ug/l

RT: 12.408 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020232.D

Acq: 08 Nov 2024 14:48

Instrument :

MSVOA_Y

ClientSampleId :

P-1

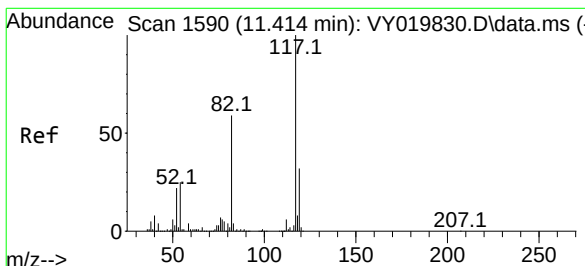
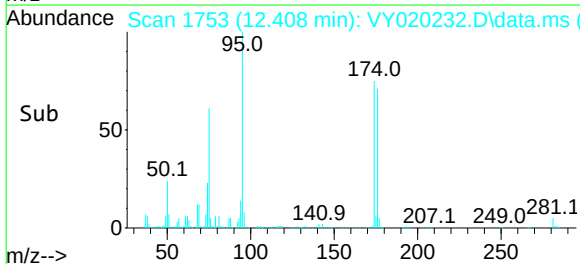
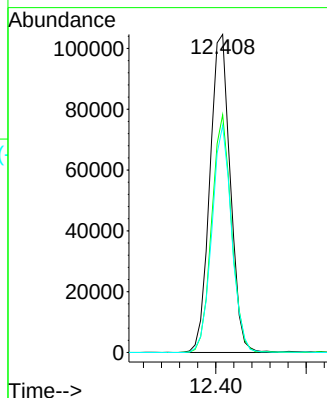
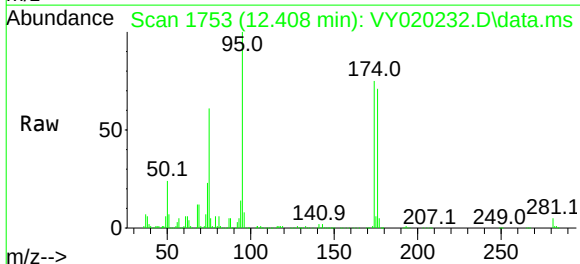
Tgt Ion: 95 Resp: 164567

Ion Ratio Lower Upper

95 100

174 72.1 0.0 175.6

176 69.1 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: VY020232.D

Acq: 08 Nov 2024 14:48

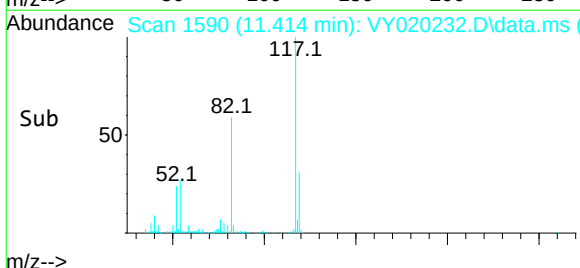
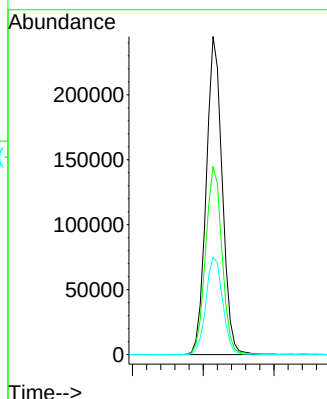
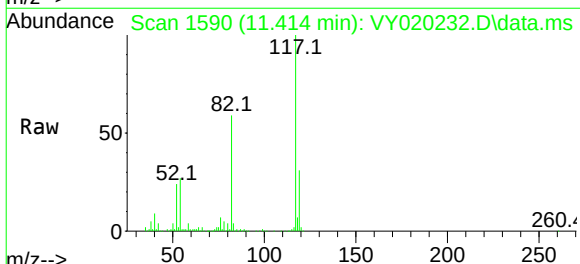
Tgt Ion: 117 Resp: 384906

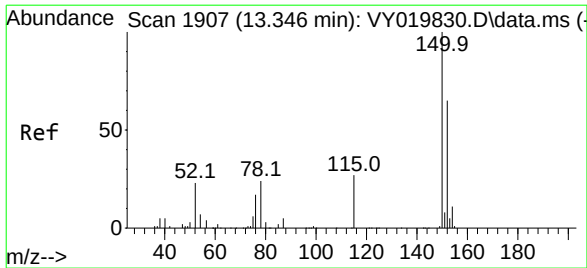
Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

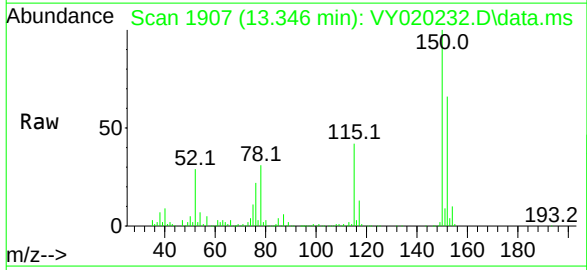
119 30.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020232.D
 Acq: 08 Nov 2024 14:48

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	138261
Ion	Ratio	Lower	Upper
152	100		
115	65.1	28.2	84.7
150	158.0	0.0	345.6

