

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020118.D
 Acq On : 01 Nov 2024 14:46
 Operator : SY/MD
 Sample : P4611-16
 Misc : 3.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Nov 01 16:03:28 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)

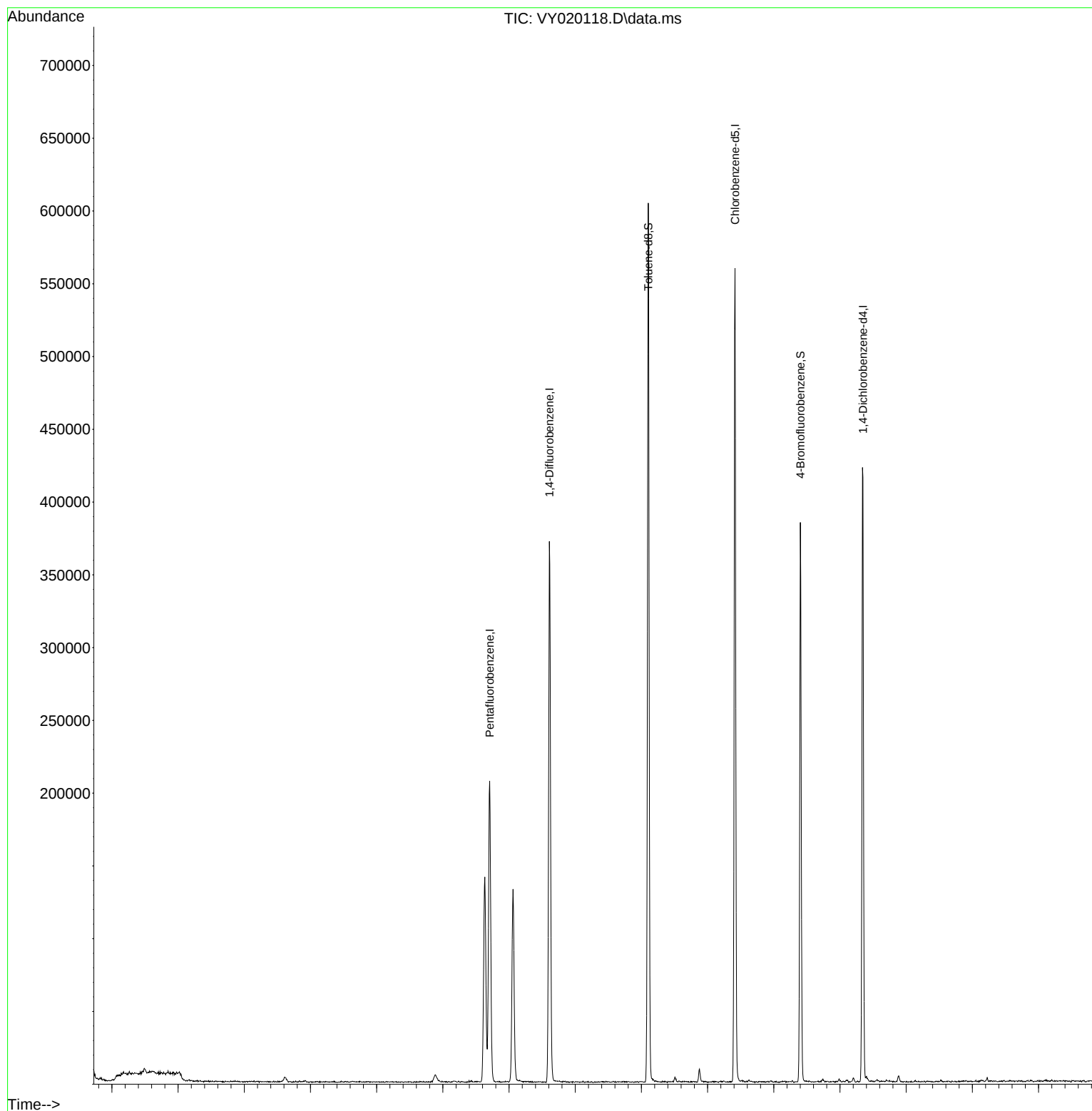
Internal Standards						
1) Pentafluorobenzene	7.707	168	142570	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	293995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	270429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	96594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	102718	57.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.460%
35) Dibromofluoromethane	7.628	113	97092	51.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.880%
50) Toluene-d8	10.103	98	367049	49.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.401	95	111305	46.056	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.120%
Target Compounds						
20) Methylene Chloride	4.628	84	2273	1.223	ug/l	# Qvalue 86

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

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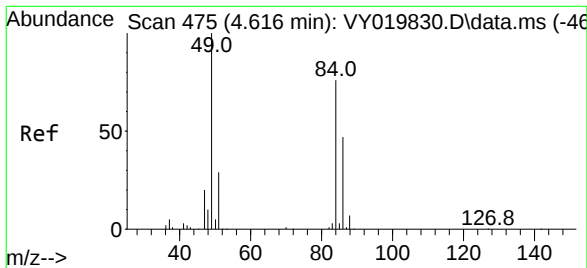
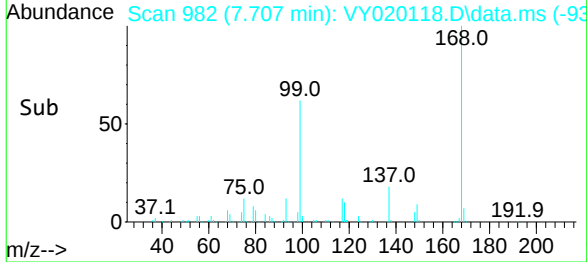
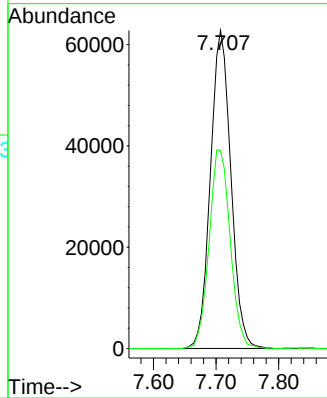
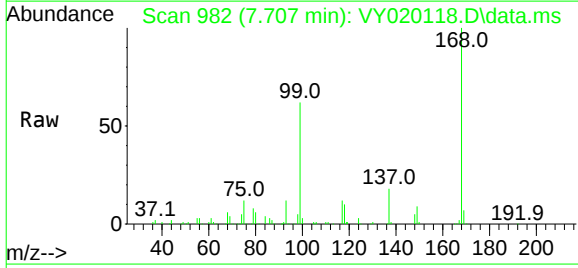




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020118.D
Acq: 01 Nov 2024 14:46

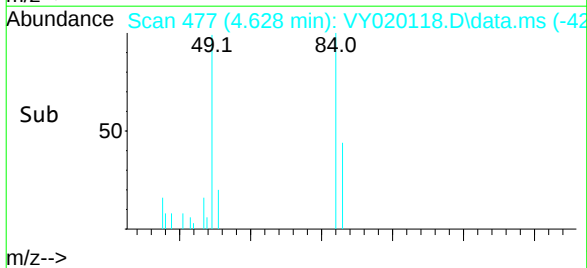
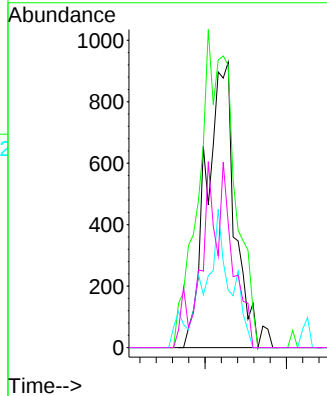
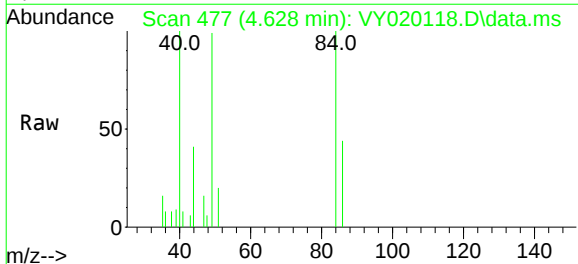
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

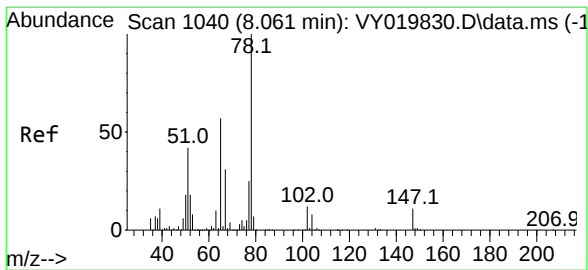
Tgt Ion:168 Resp: 142570
Ion Ratio Lower Upper
168 100
99 62.2 39.1 58.7#



#20
Methylene Chloride
Concen: 1.223 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY020118.D
Acq: 01 Nov 2024 14:46

Tgt Ion: 84 Resp: 2273
Ion Ratio Lower Upper
84 100
49 98.9 84.4 126.6
51 20.1 26.0 39.0#
86 43.7 49.5 74.3#

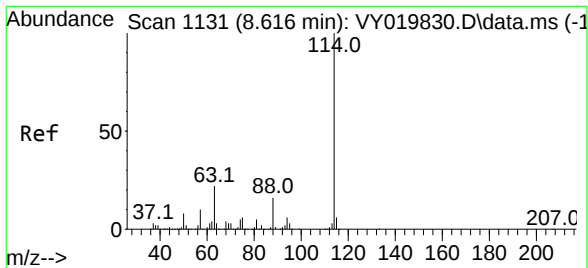
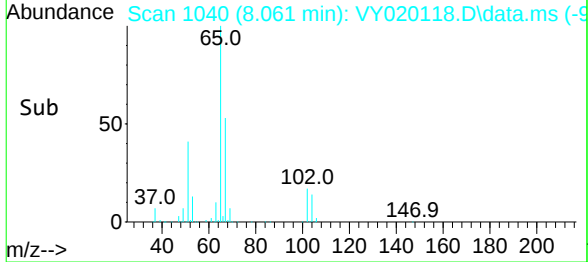
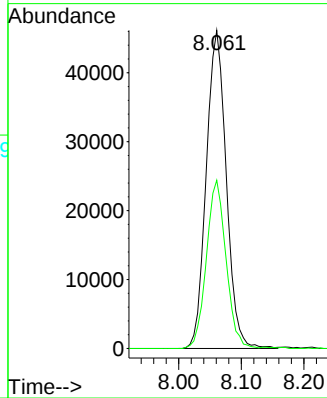
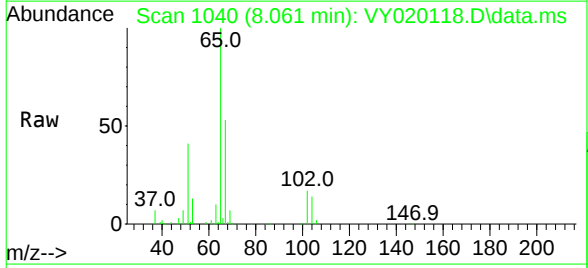




#33
1,2-Dichloroethane-d4
Concen: 57.727 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020118.D
Acq: 01 Nov 2024 14:46

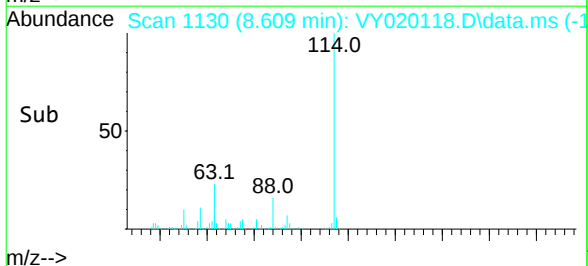
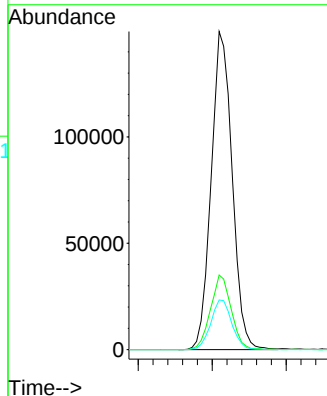
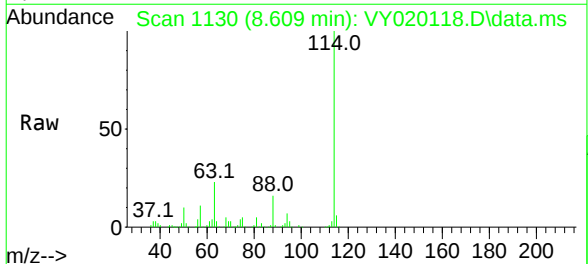
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

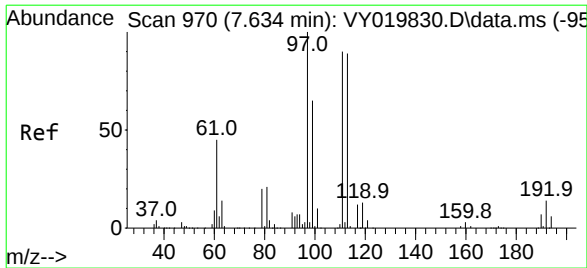
Tgt Ion: 65 Resp: 102718
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY020118.D
Acq: 01 Nov 2024 14:46

Tgt Ion: 114 Resp: 293995
Ion Ratio Lower Upper
114 100
63 23.5 0.0 35.0
88 15.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.943 ug/l

RT: 7.628 min Scan# 96

Delta R.T. -0.006 min

Lab File: VY020118.D

Acq: 01 Nov 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

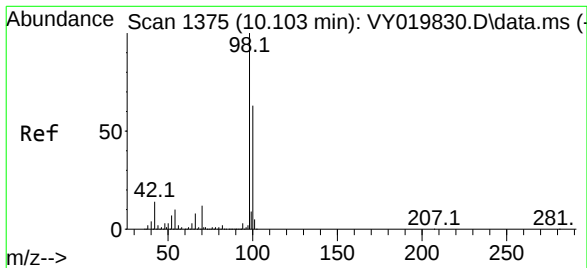
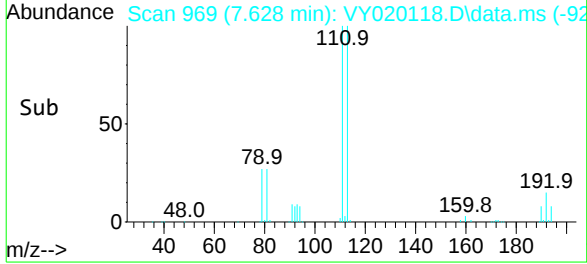
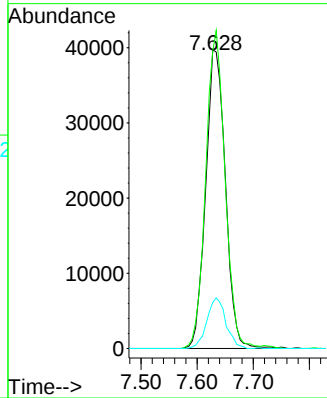
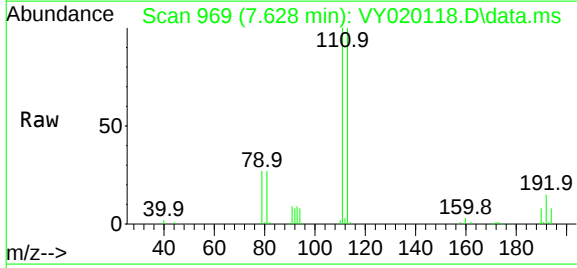
Tgt Ion:113 Resp: 97092

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 16.4 15.9 23.9



#50

Toluene-d8

Concen: 49.332 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020118.D

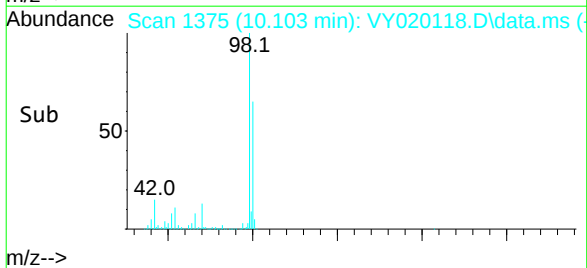
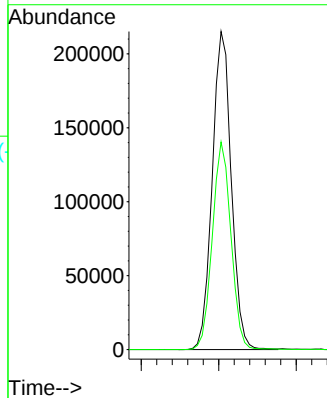
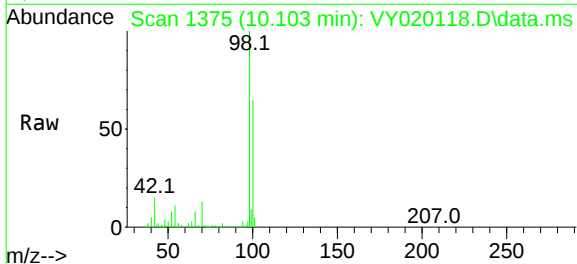
Acq: 01 Nov 2024 14:46

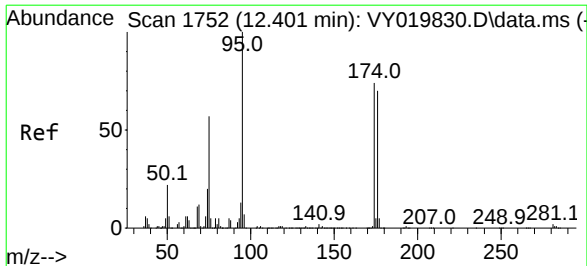
Tgt Ion: 98 Resp: 367049

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 46.056 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020118.D

Acq: 01 Nov 2024 14:46

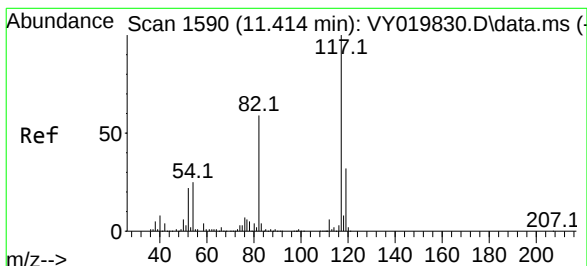
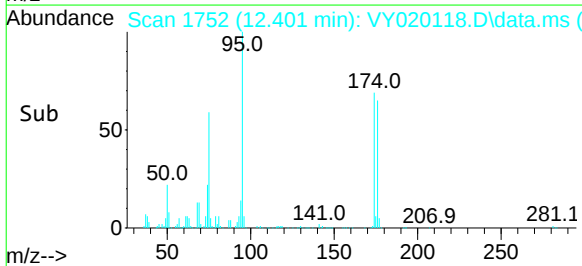
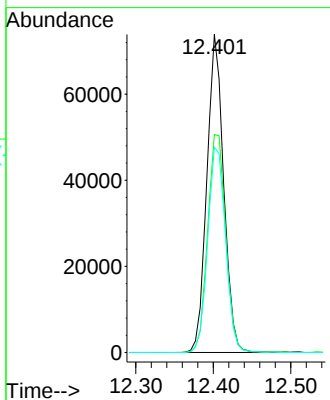
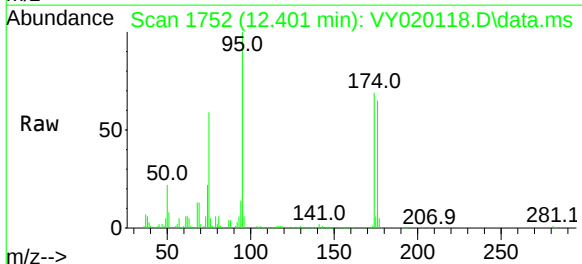
Instrument :

MSVOA_Y

ClientSampleId :

TP-6

Tgt Ion:	95	Resp:	111305
Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	175.6
176	68.6	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

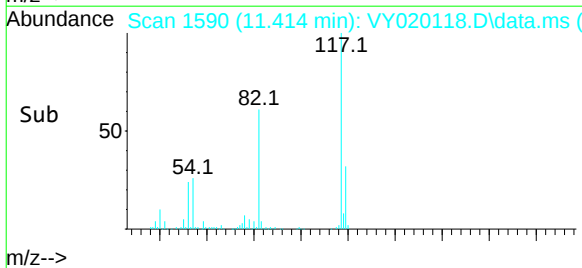
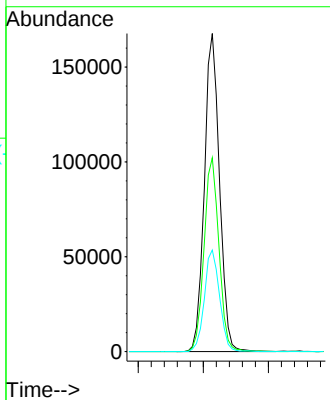
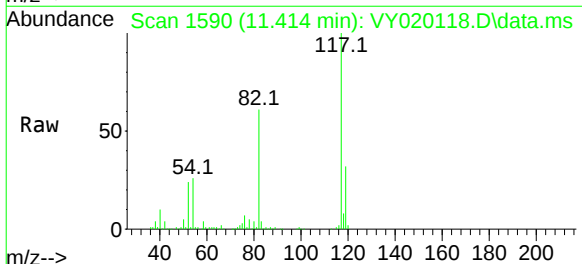
RT: 11.414 min Scan# 1590

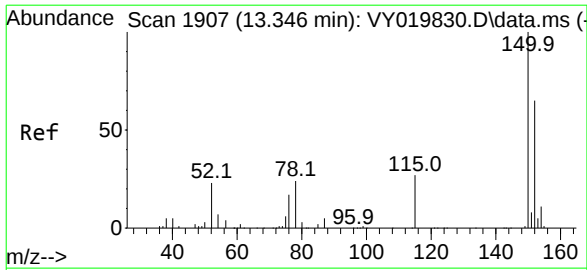
Delta R.T. -0.006 min

Lab File: VY020118.D

Acq: 01 Nov 2024 14:46

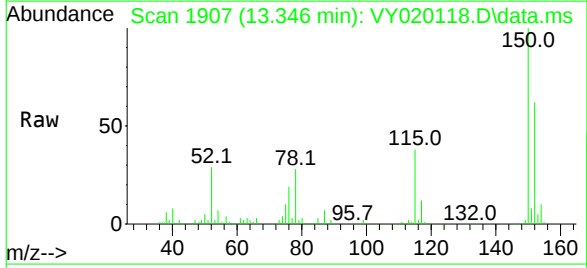
Tgt Ion:	117	Resp:	270429
Ion	Ratio	Lower	Upper
117	100		
82	60.9	42.4	63.6
119	31.9	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020118.D
 Acq: 01 Nov 2024 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6



Tgt Ion:	152	Resp:	96594
Ion Ratio	Lower	Upper	
152	100		
115	62.6	28.2	84.7
150	156.9	0.0	345.6

