

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020247.D
 Acq On : 11 Nov 2024 14:49
 Operator : SY/MD
 Sample : P4768-05
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-5

Quant Time: Nov 11 23:16:23 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)

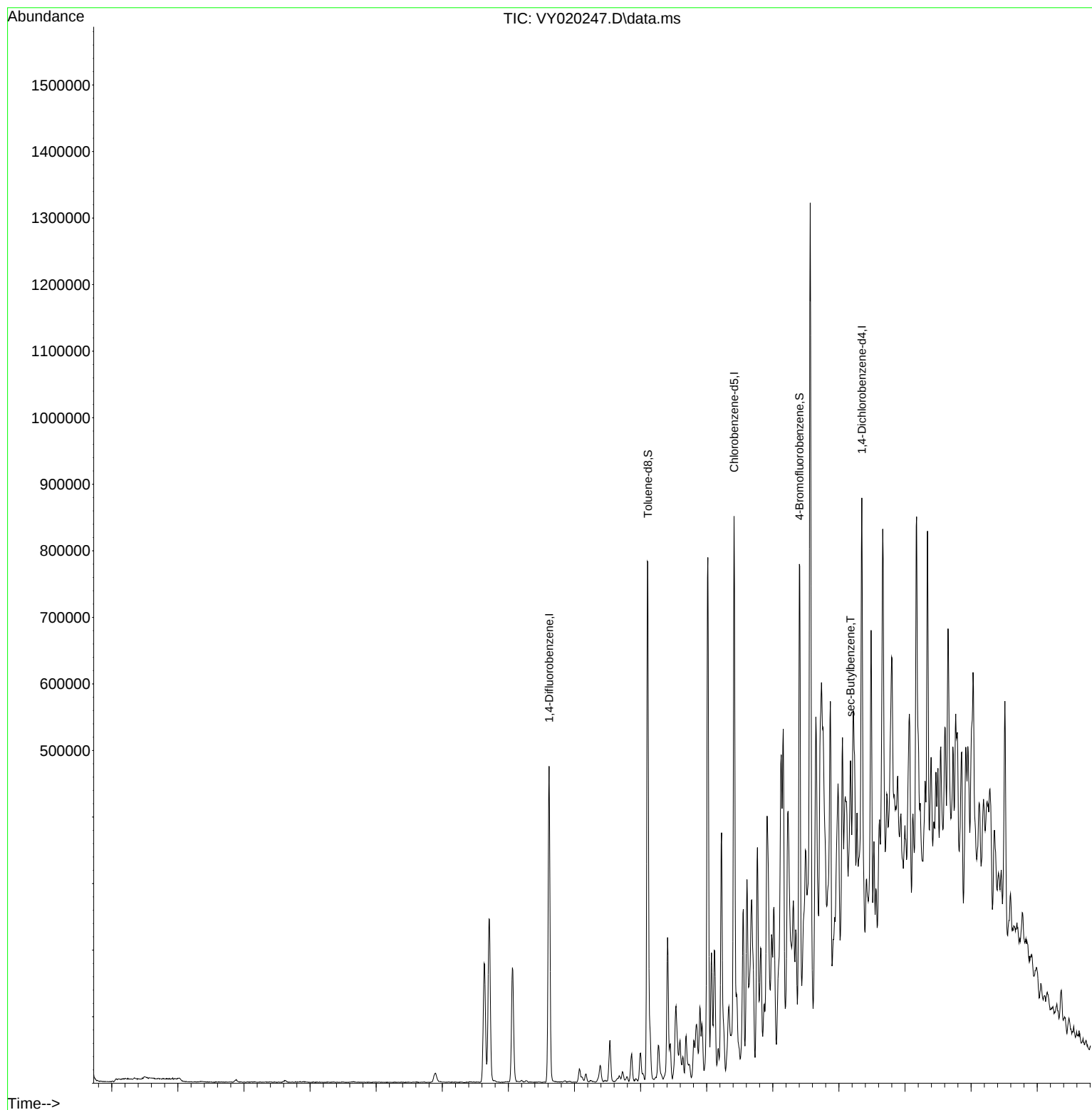
Internal Standards						
1) Pentafluorobenzene	7.713	168	173593	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	369047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	365456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	144633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133284	61.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.040%
35) Dibromofluoromethane	7.640	113	123592	52.673	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.340%
50) Toluene-d8	10.109	98	478257	51.207	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.402	95	174801	57.621	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	115.240%
Target Compounds						
16) Acetone	3.885	43	6222	12.349	ug/l	# 74
85) sec-Butylbenzene	13.176	105	39551	3.176	ug/l	85

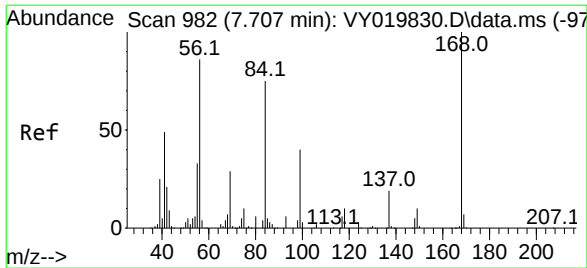
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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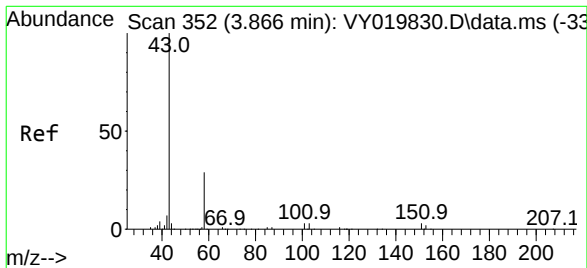
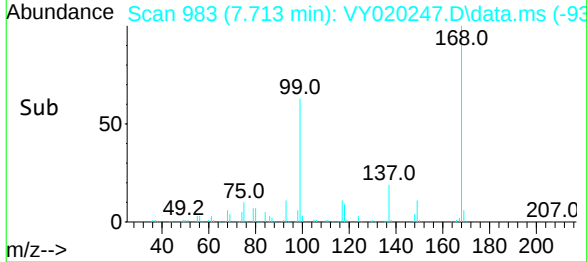
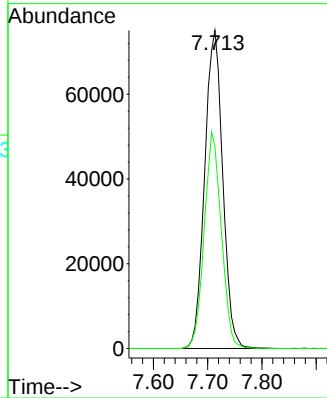
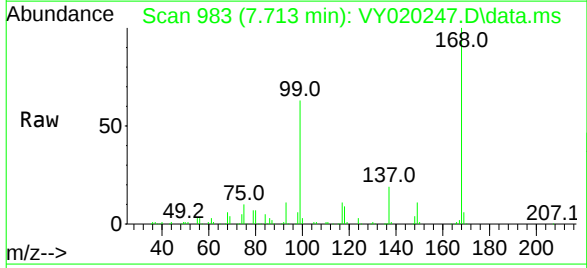




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020247.D
Acq: 11 Nov 2024 14:49

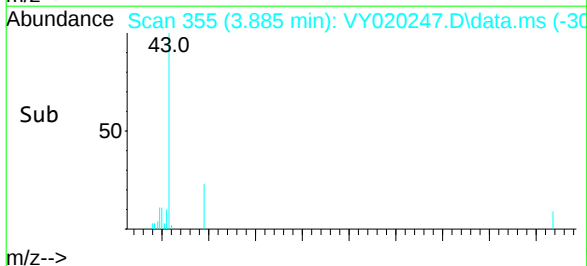
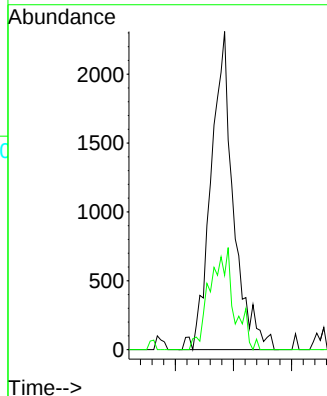
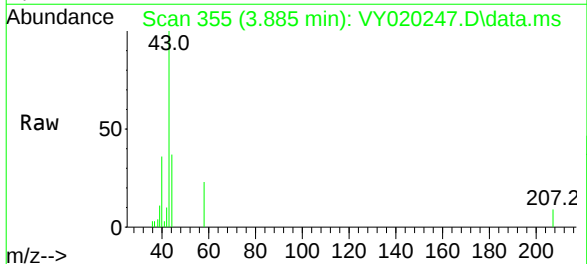
Instrument :
MSVOA_Y
ClientSampleId :
B-5

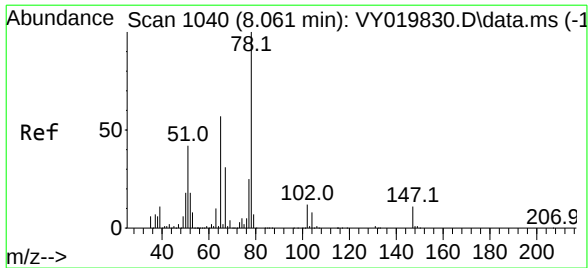
Tgt Ion:168 Resp: 173593
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#16
Acetone
Concen: 12.349 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.013 min
Lab File: VY020247.D
Acq: 11 Nov 2024 14:49

Tgt Ion: 43 Resp: 6222
Ion Ratio Lower Upper
43 100
58 23.4 31.7 47.5#

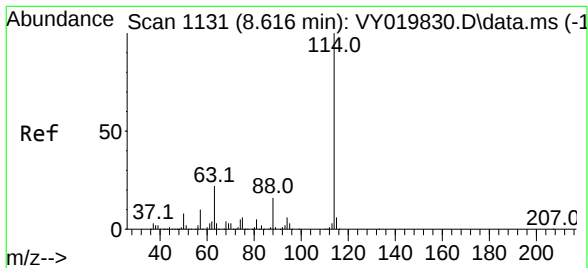
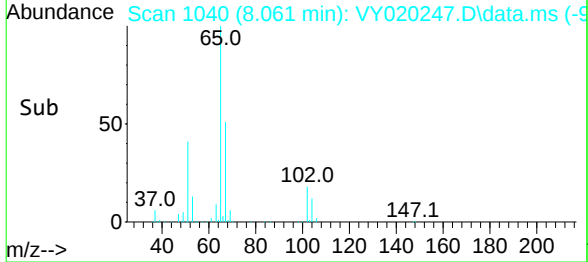
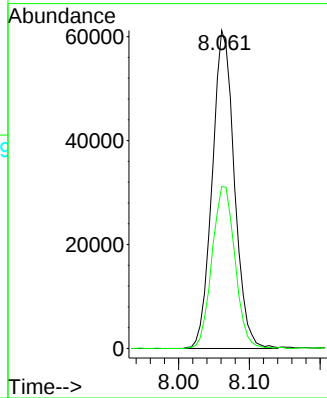
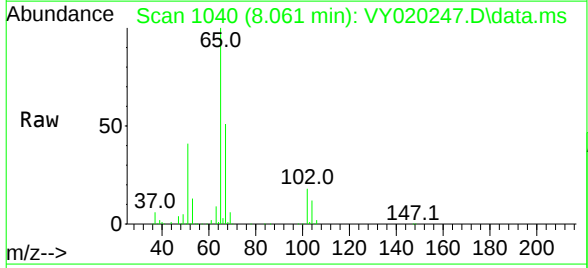




#33
1,2-Dichloroethane-d4
Concen: 61.519 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020247.D
Acq: 11 Nov 2024 14:49

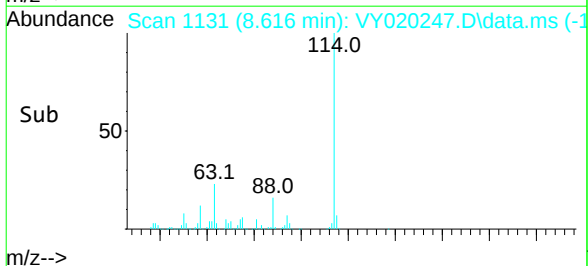
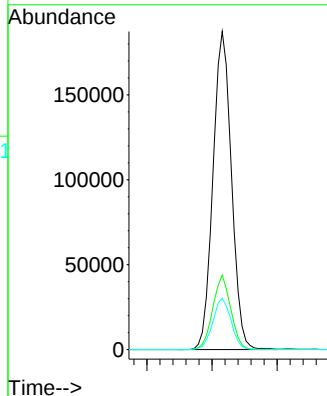
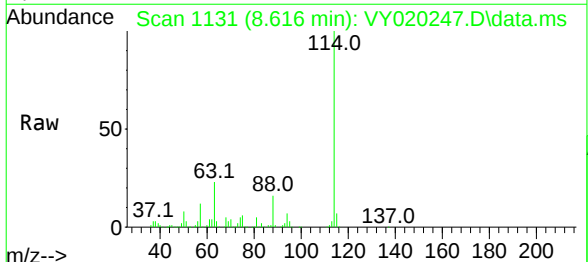
Instrument :
MSVOA_Y
ClientSampleId :
B-5

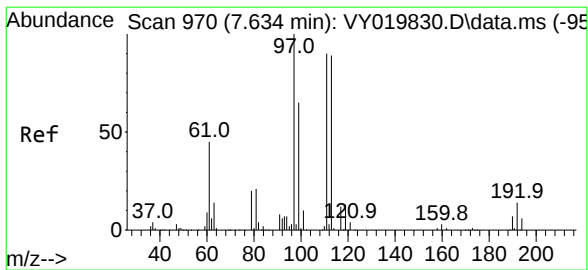
Tgt Ion: 65 Resp: 133284
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020247.D
Acq: 11 Nov 2024 14:49

Tgt Ion: 114 Resp: 369047
Ion Ratio Lower Upper
114 100
63 23.4 0.0 35.0
88 16.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.673 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020247.D

Acq: 11 Nov 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

B-5

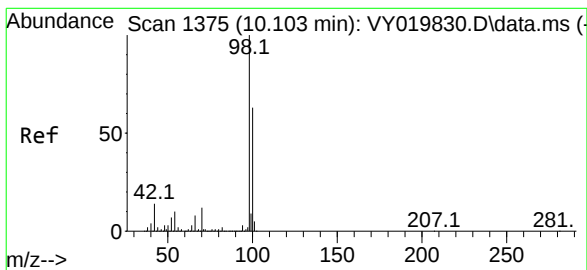
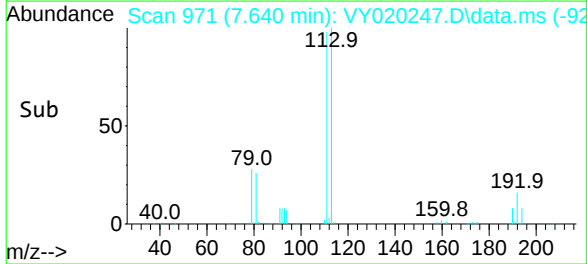
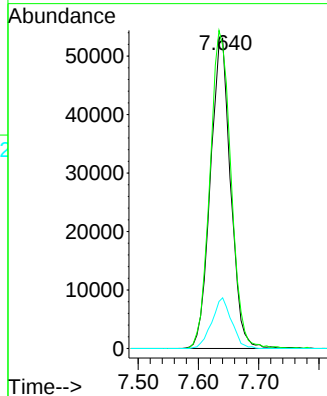
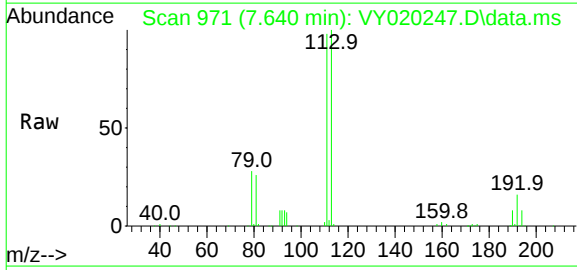
Tgt Ion:113 Resp: 123592

Ion Ratio Lower Upper

113 100

111 107.0 82.2 123.4

192 16.0 15.9 23.9



#50

Toluene-d8

Concen: 51.207 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020247.D

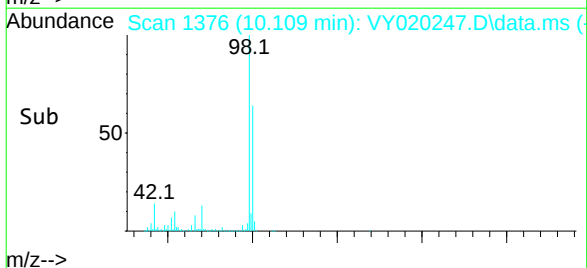
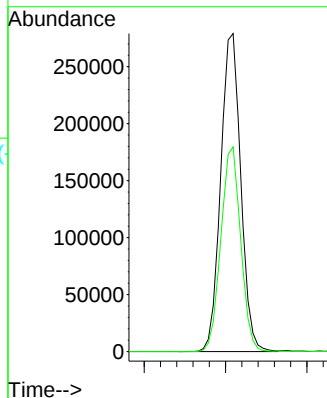
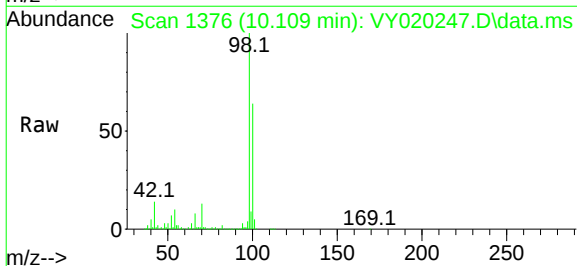
Acq: 11 Nov 2024 14:49

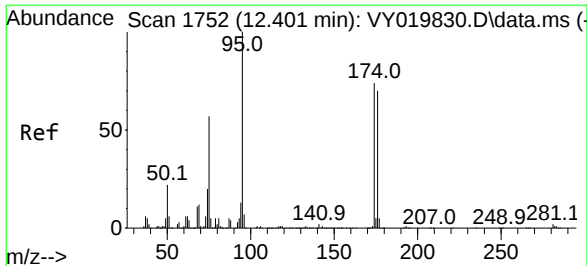
Tgt Ion: 98 Resp: 478257

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 57.621 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020247.D

Acq: 11 Nov 2024 14:49

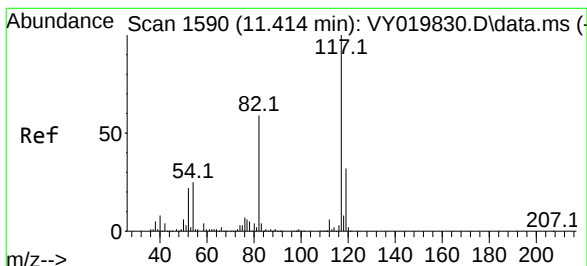
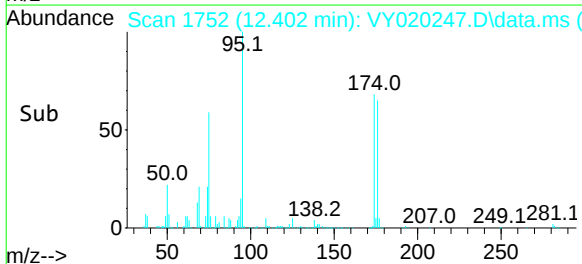
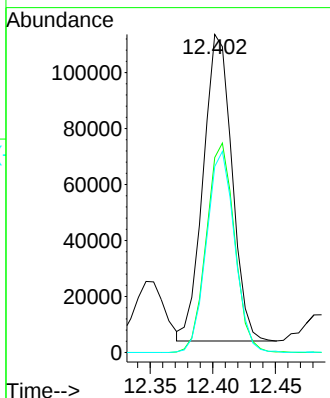
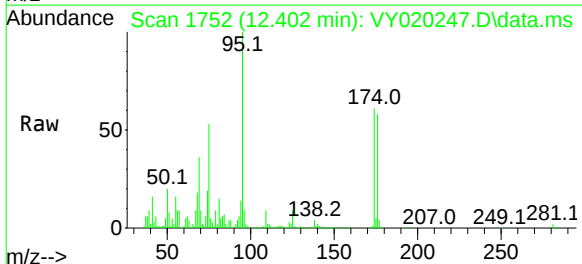
Instrument :

MSVOA_Y

ClientSampleId :

B-5

Tgt Ion:	95	Resp:	174801
Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	175.6
176	64.1	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

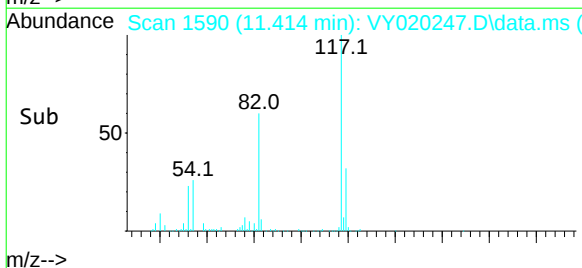
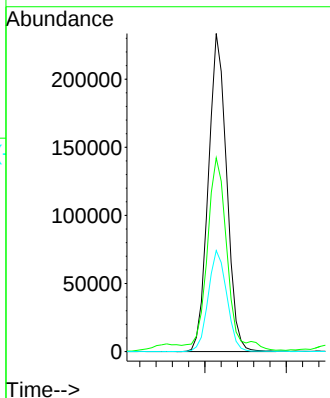
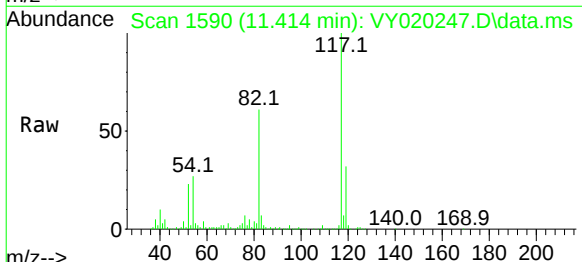
RT: 11.414 min Scan# 1590

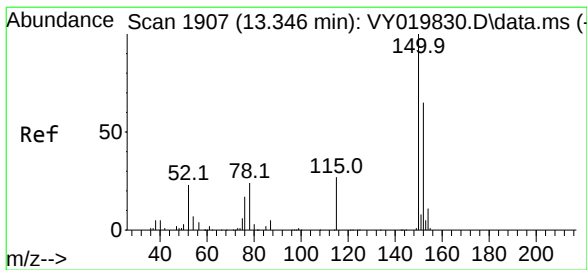
Delta R.T. -0.006 min

Lab File: VY020247.D

Acq: 11 Nov 2024 14:49

Tgt Ion:	117	Resp:	365456
Ion	Ratio	Lower	Upper
117	100		
82	60.5	42.4	63.6
119	31.8	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: VY020247.D

Acq: 11 Nov 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

B-5

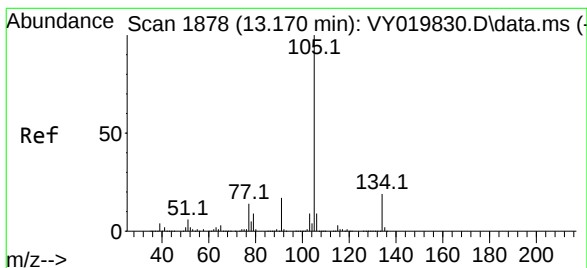
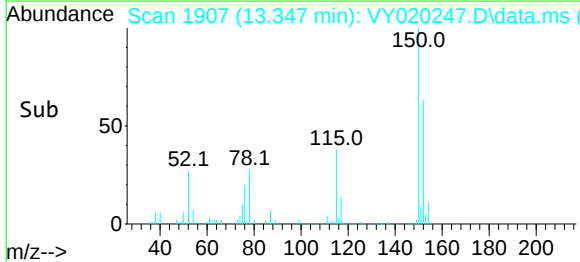
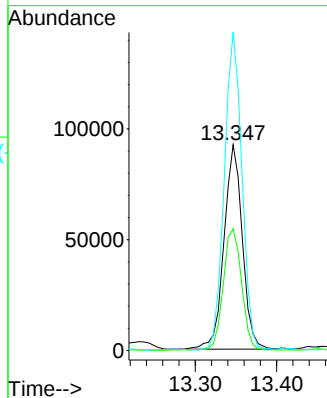
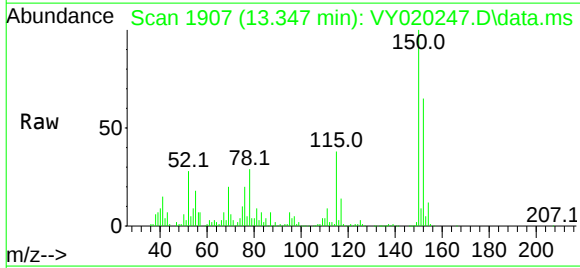
Tgt Ion:152 Resp: 144633

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 149.1 0.0 345.6



#85

sec-Butylbenzene

Concen: 3.176 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020247.D

Acq: 11 Nov 2024 14:49

Tgt Ion:105 Resp: 39551

Ion Ratio Lower Upper

105 100

134 26.8 10.1 30.1

