

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018234.D
 Acq On : 10 May 2024 15:20
 Operator : SY/MD
 Sample : P2437-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 359

Quant Time: May 11 01:02:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

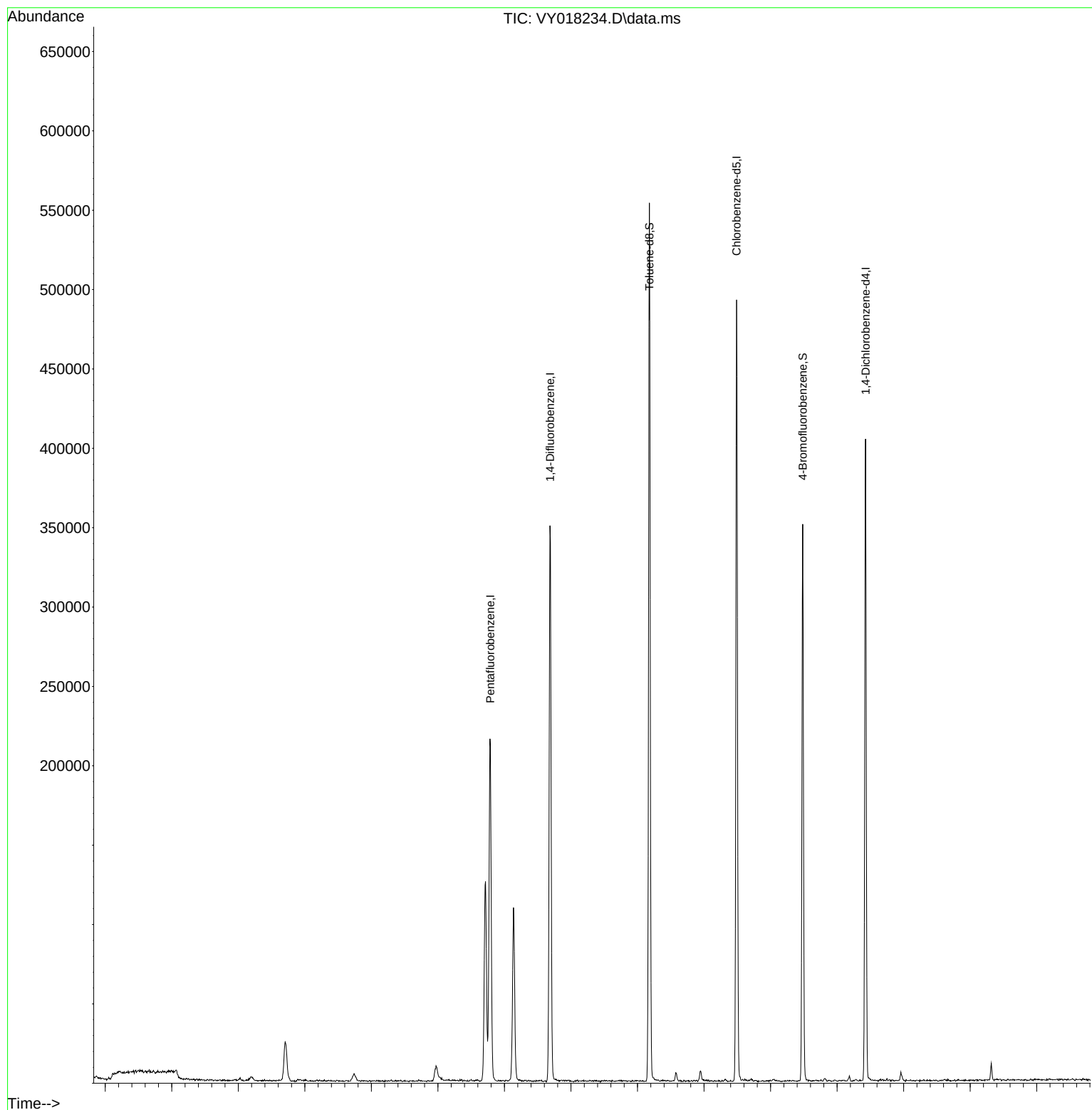
Internal Standards						
1) Pentafluorobenzene	7.789	168	171776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	321869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77873	61.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.240%
35) Dibromofluoromethane	7.715	113	91836	54.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.580%
50) Toluene-d8	10.178	98	365539	54.838	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.680%
62) 4-Bromofluorobenzene	12.483	95	108224	50.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.540%
Target Compounds						
20) Methylene Chloride	4.710	84	20432	11.463	ug/l	Qvalue 98

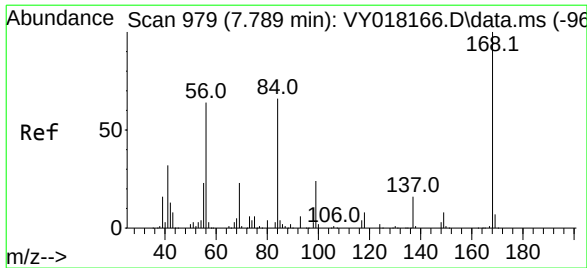
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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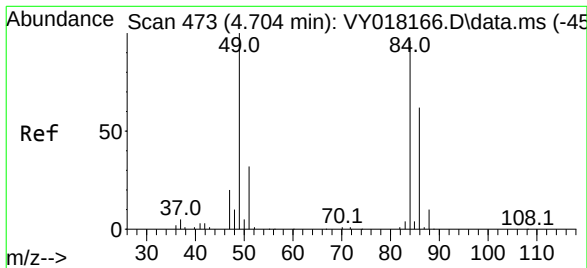
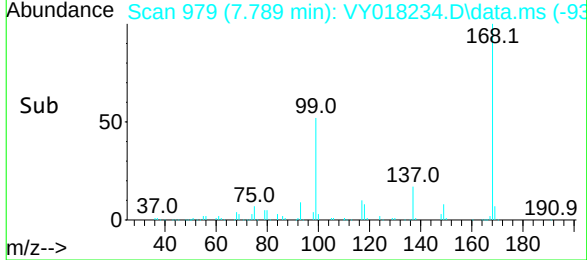
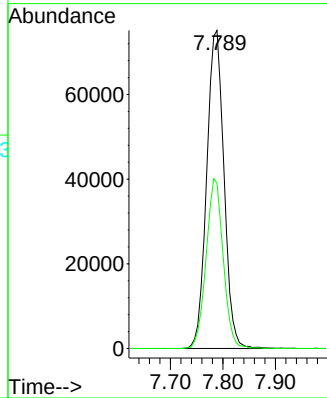
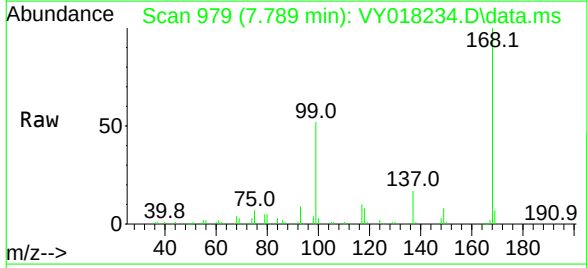




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY018234.D
Acq: 10 May 2024 15:20

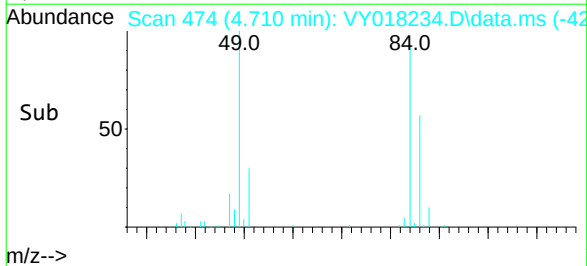
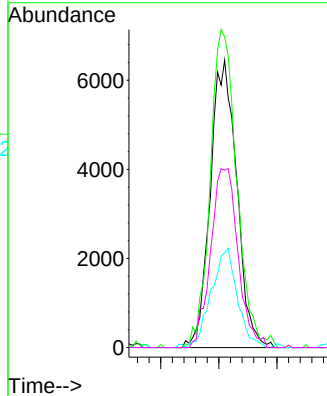
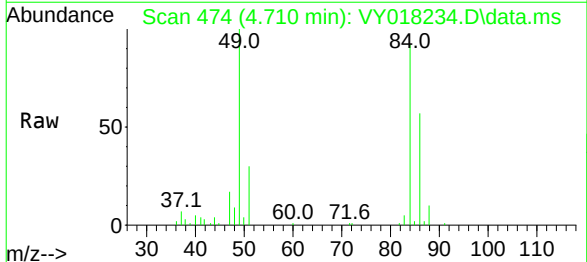
Instrument :
MSVOA_Y
ClientSampleId :
359

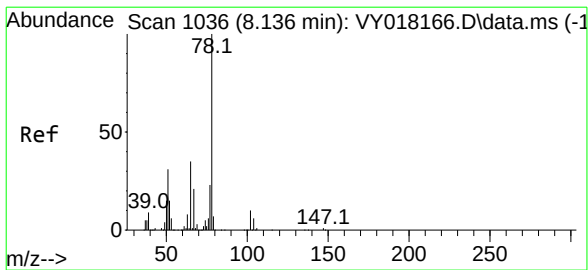
Tgt Ion:168 Resp: 171776
Ion Ratio Lower Upper
168 100
99 52.0 39.1 58.7



#20
Methylene Chloride
Concen: 11.463 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018234.D
Acq: 10 May 2024 15:20

Tgt Ion: 84 Resp: 20432
Ion Ratio Lower Upper
84 100
49 108.2 84.4 126.6
51 32.0 26.0 39.0
86 61.7 49.5 74.3

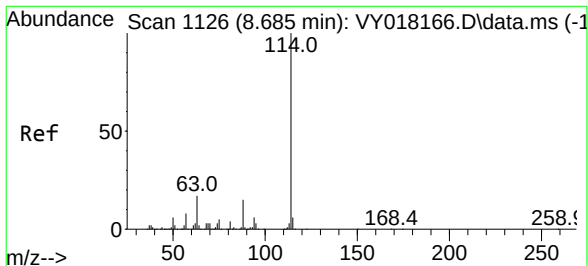
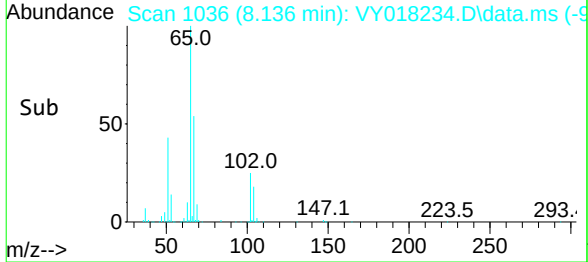
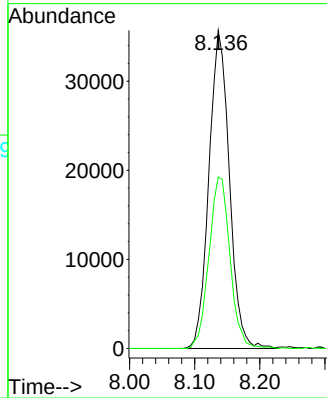
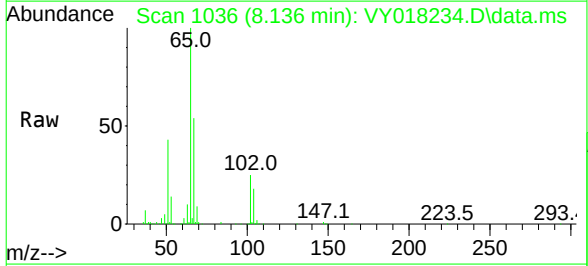




#33
 1,2-Dichloroethane-d4
 Concen: 61.623 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY018234.D
 Acq: 10 May 2024 15:20

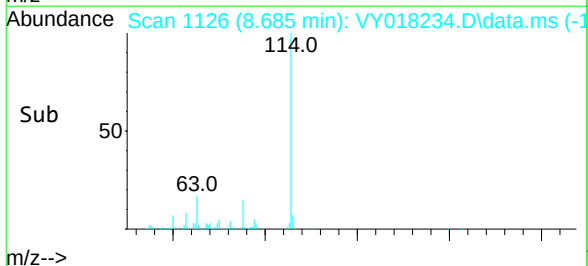
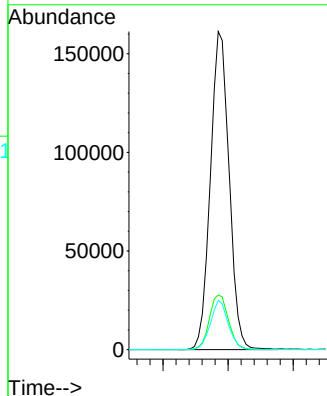
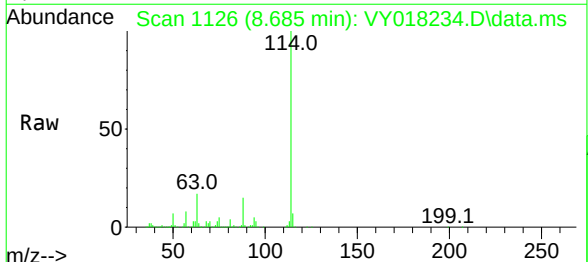
Instrument :
 MSVOA_Y
 ClientSampleId :
 359

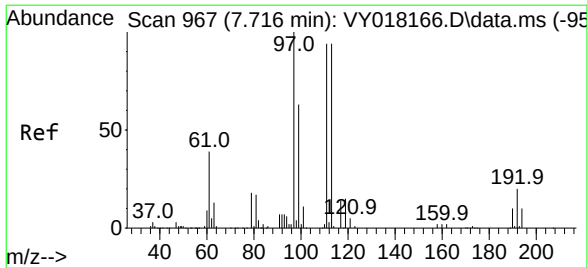
Tgt Ion: 65 Resp: 77873
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY018234.D
 Acq: 10 May 2024 15:20

Tgt Ion: 114 Resp: 321869
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 15.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.290 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY018234.D

Acq: 10 May 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

359

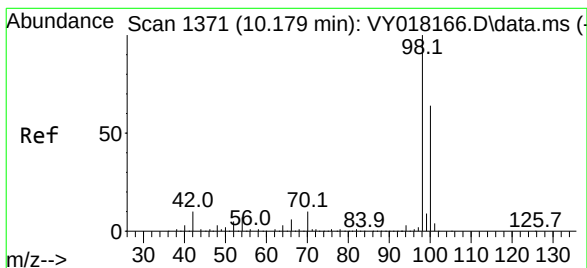
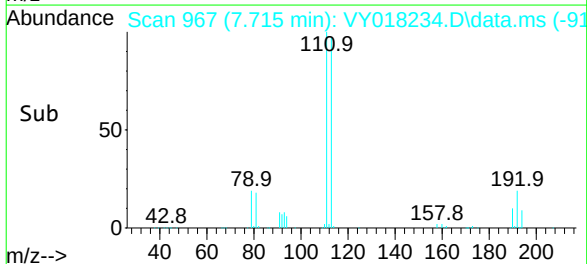
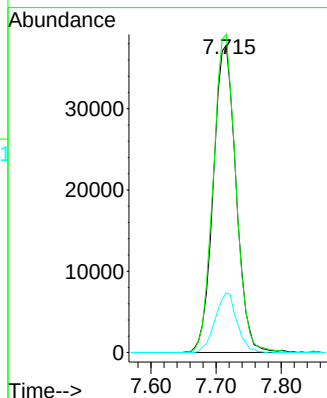
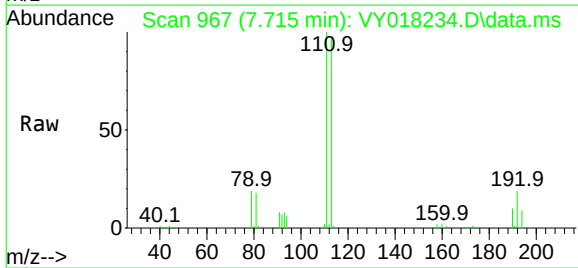
Tgt Ion:113 Resp: 91836

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 18.6 15.9 23.9



#50

Toluene-d8

Concen: 54.838 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018234.D

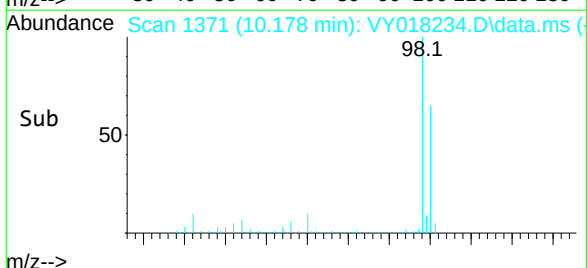
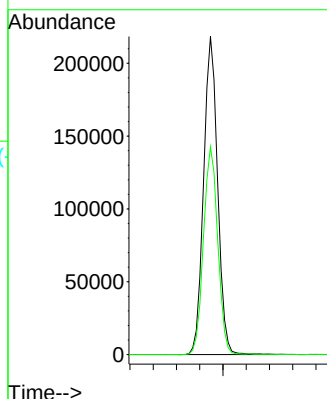
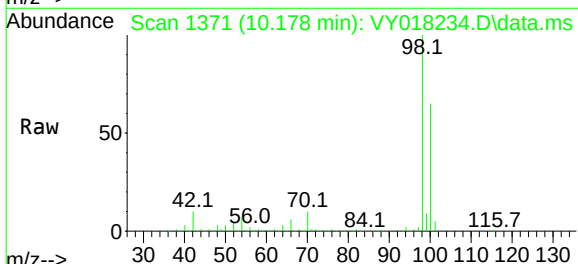
Acq: 10 May 2024 15:20

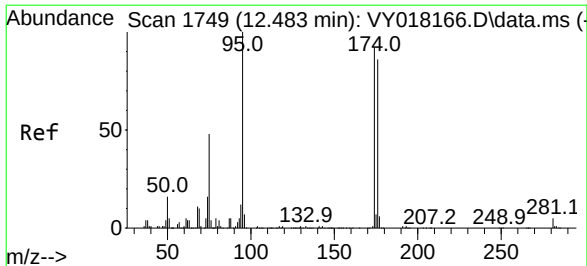
Tgt Ion: 98 Resp: 365539

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 50.274 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018234.D

Acq: 10 May 2024 15:20

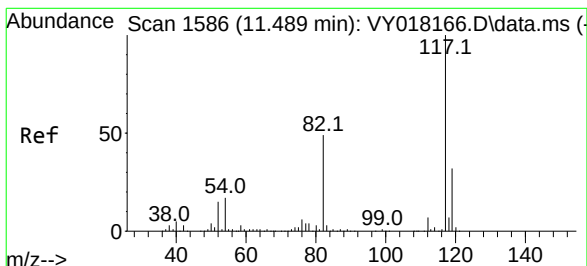
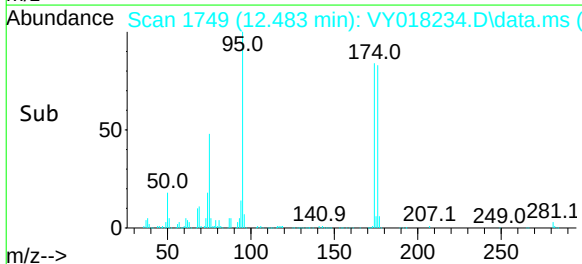
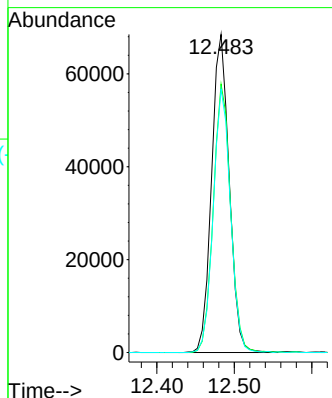
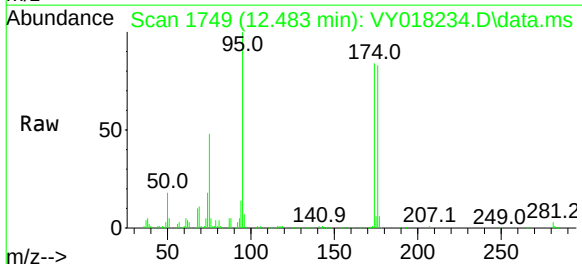
Instrument :

MSVOA_Y

ClientSampleId :

359

Tgt Ion:	95	Resp:	108224
Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	175.6
176	81.1	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

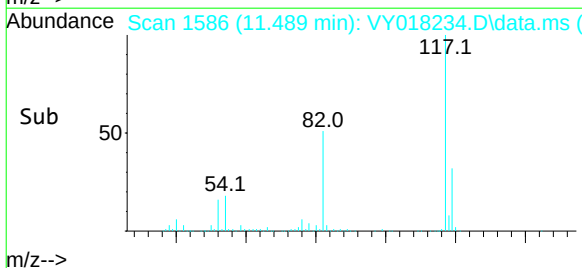
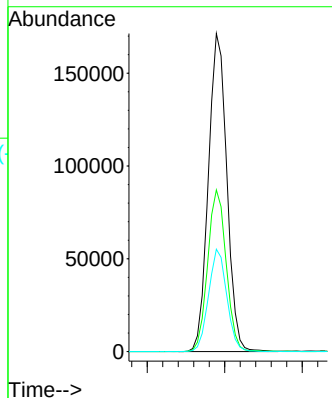
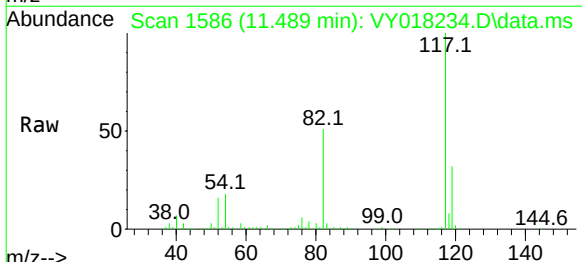
RT: 11.489 min Scan# 1586

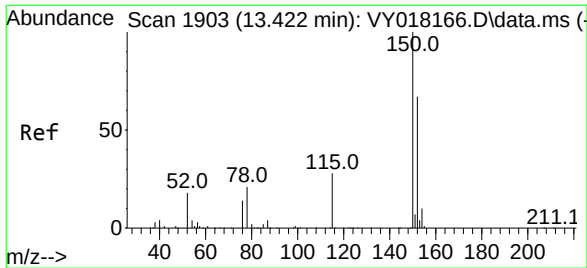
Delta R.T. -0.000 min

Lab File: VY018234.D

Acq: 10 May 2024 15:20

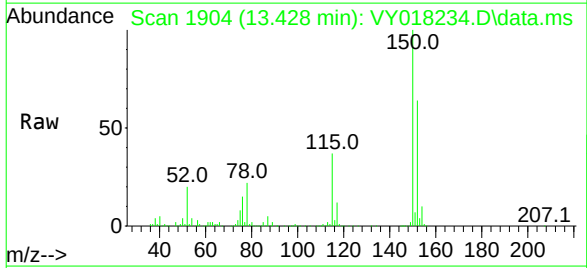
Tgt Ion:	117	Resp:	284335
Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.4	63.6
119	32.2	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VY018234.D
 Acq: 10 May 2024 15:20

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	104575
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	158.9	0.0	345.6

