

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018372.D
 Acq On : 24 May 2024 18:16
 Operator : SY/MD
 Sample : P2615-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200035

Quant Time: May 25 03:27:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

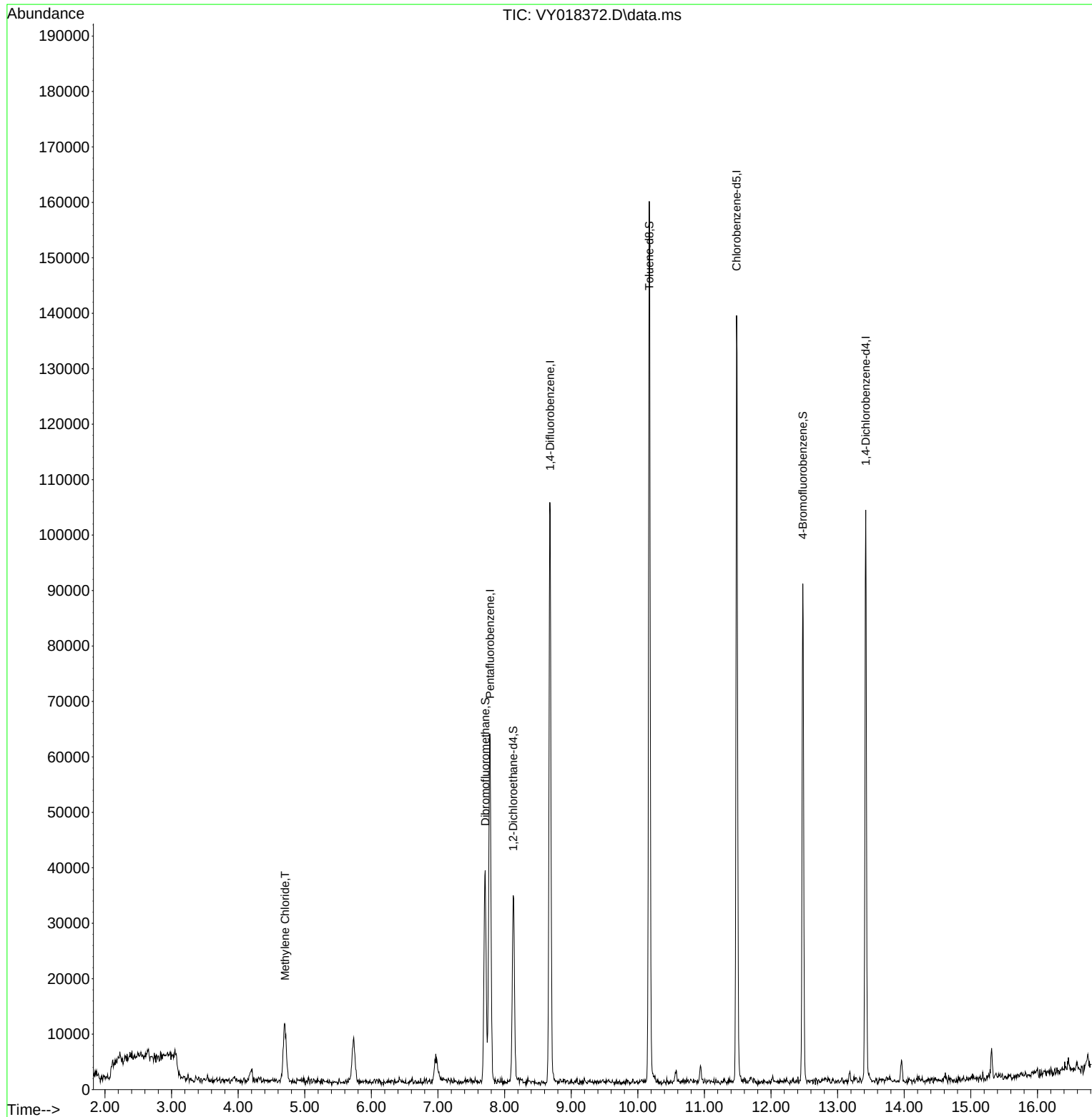
Internal Standards						
1) Pentafluorobenzene	7.783	168	45944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	90634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	72872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25727	59.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.200%
35) Dibromofluoromethane	7.710	113	26785	50.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.360%
50) Toluene-d8	10.173	98	100860	48.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.477	95	27540	43.253	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.500%
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	7978	11.776	ug/l	# 94

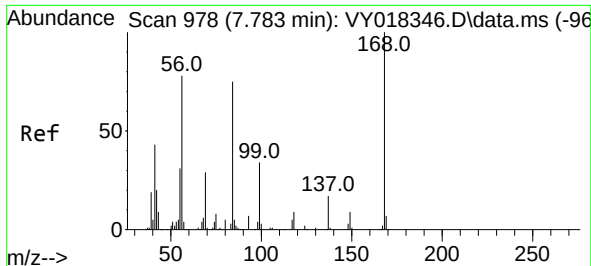
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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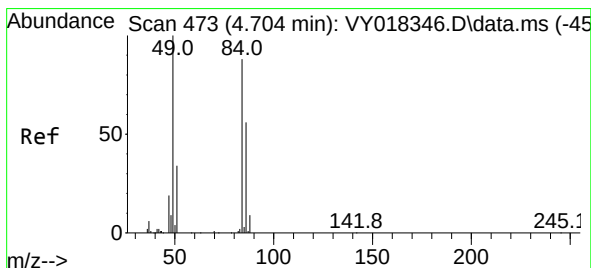
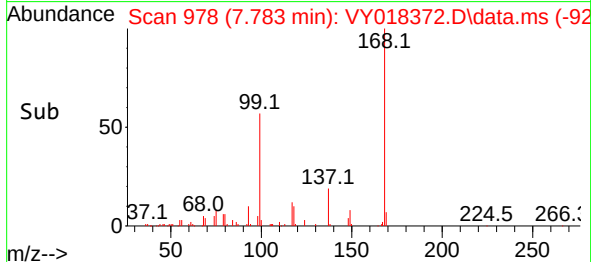
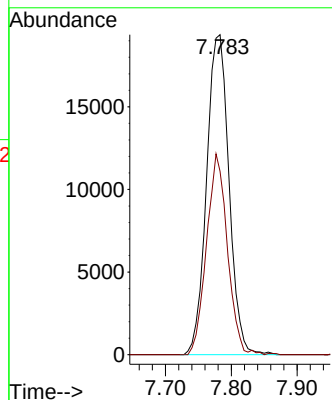
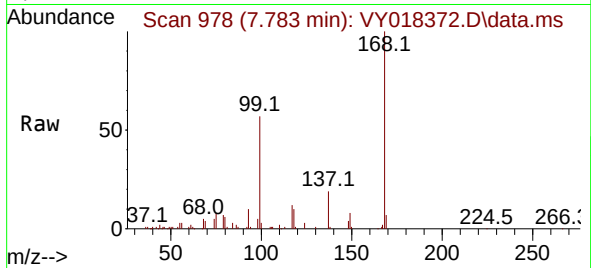




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018372.D
Acq: 24 May 2024 18:16

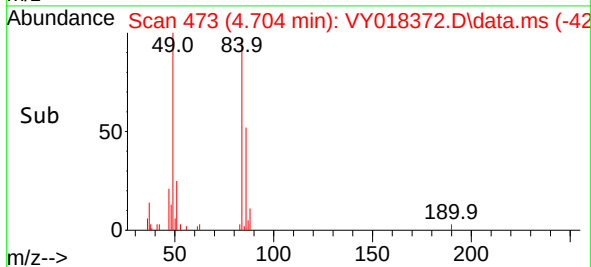
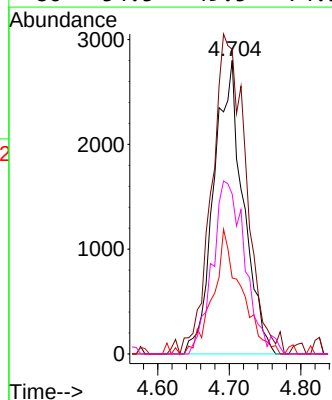
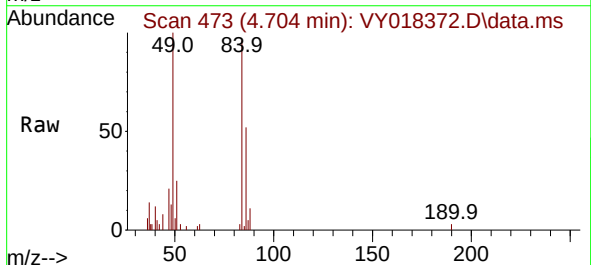
Instrument :
MSVOA_Y
ClientSampleId :
RBR200035

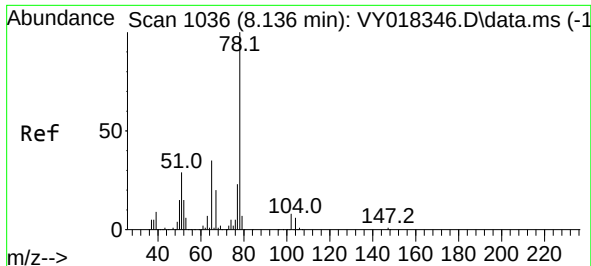
Tgt Ion:168 Resp: 45944
Ion Ratio Lower Upper
168 100
99 57.3 39.1 58.7



#20
Methylene Chloride
Concen: 11.776 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018372.D
Acq: 24 May 2024 18:16

Tgt Ion: 84 Resp: 7978
Ion Ratio Lower Upper
84 100
49 103.7 84.4 126.6
51 25.9 26.0 39.0#
86 54.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 59.104 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018372.D

Acq: 24 May 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

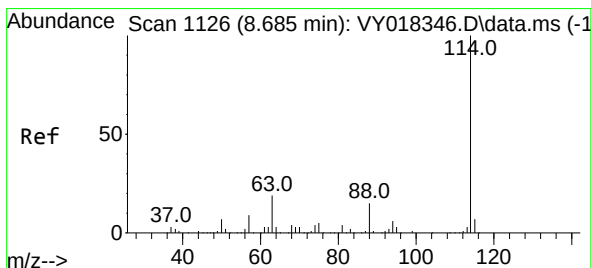
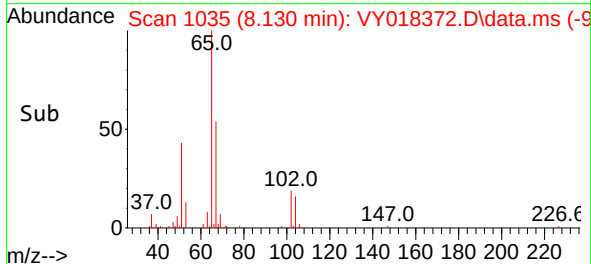
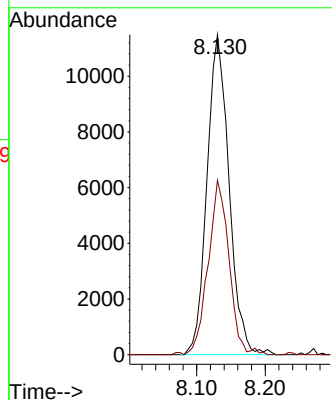
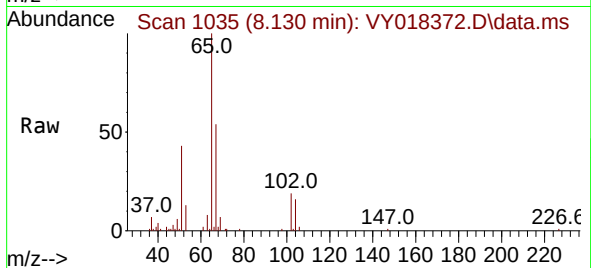
RBR200035

Tgt Ion: 65 Resp: 25727

Ion Ratio Lower Upper

65 100

67 51.2 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: VY018372.D

Acq: 24 May 2024 18:16

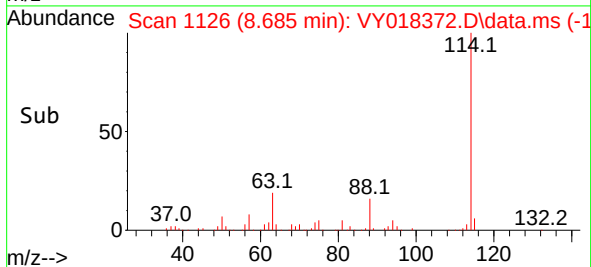
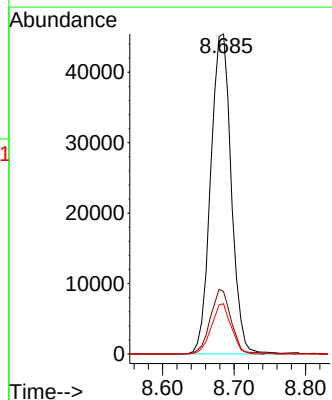
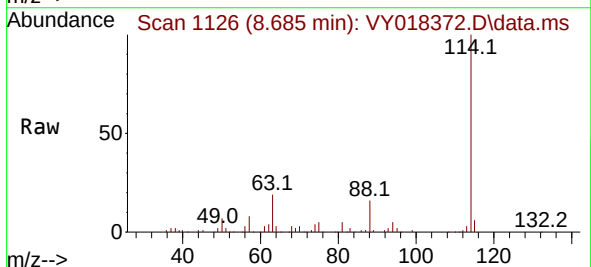
Tgt Ion:114 Resp: 90634

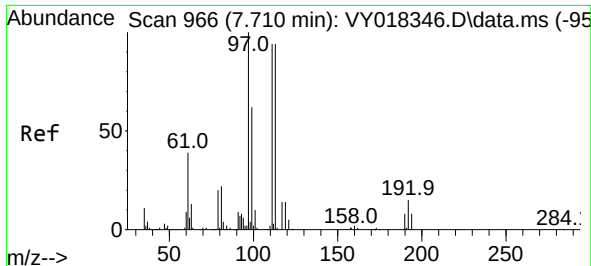
Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 15.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.678 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY018372.D

Acq: 24 May 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

RBR200035

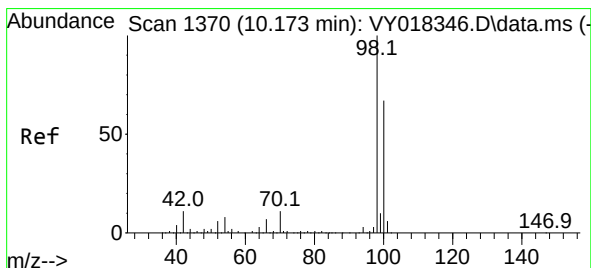
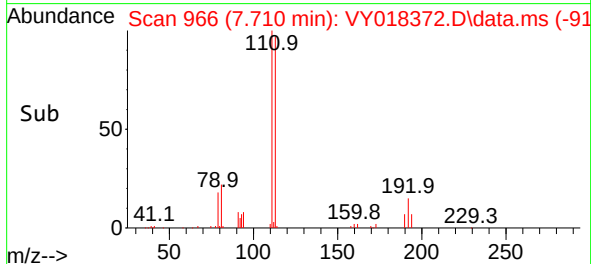
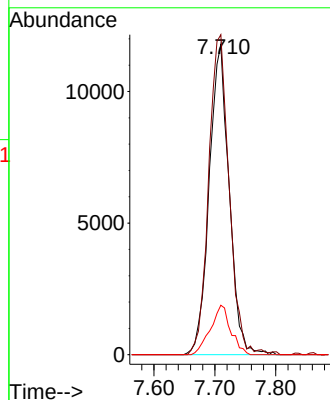
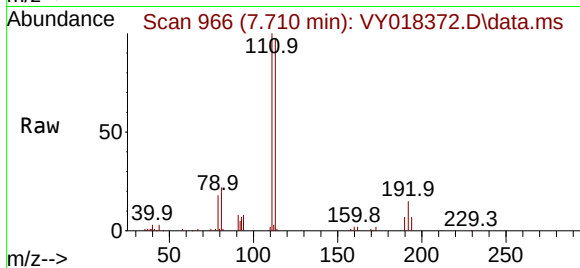
Tgt Ion:113 Resp: 26785

Ion Ratio Lower Upper

113 100

111 105.7 82.2 123.4

192 16.2 15.9 23.9



#50

Toluene-d8

Concen: 48.946 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018372.D

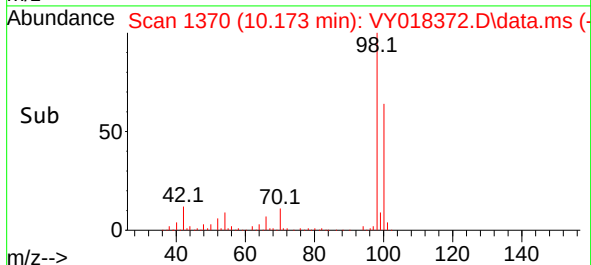
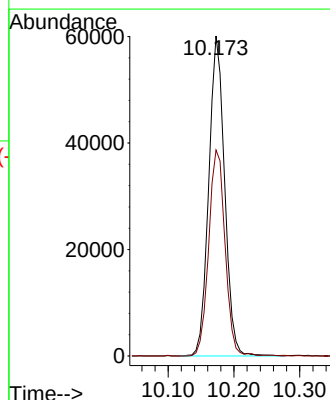
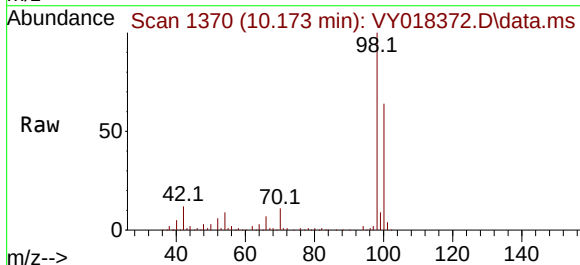
Acq: 24 May 2024 18:16

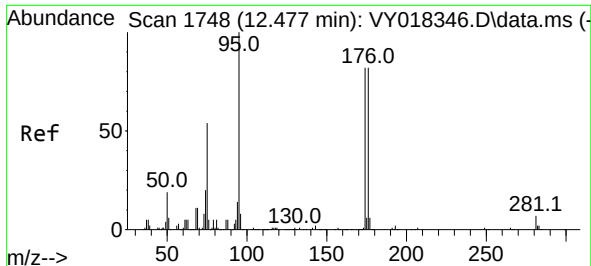
Tgt Ion: 98 Resp: 100860

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0

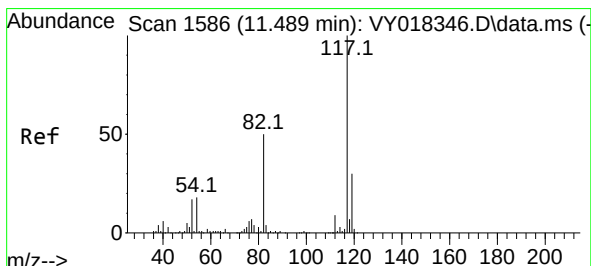
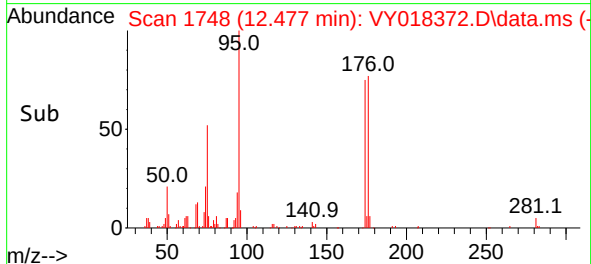
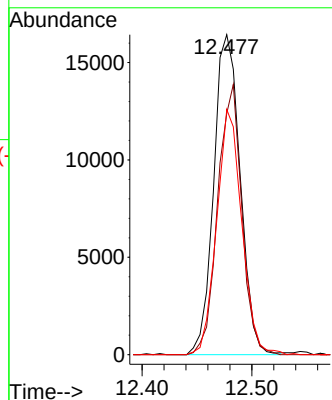
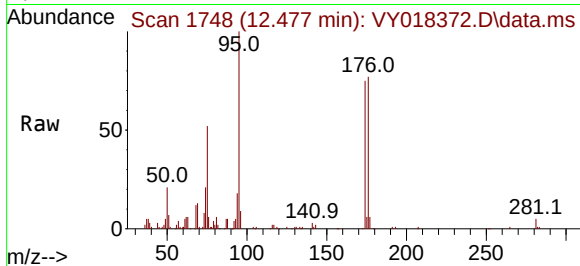




#62
4-Bromofluorobenzene
Concen: 43.253 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018372.D
Acq: 24 May 2024 18:16

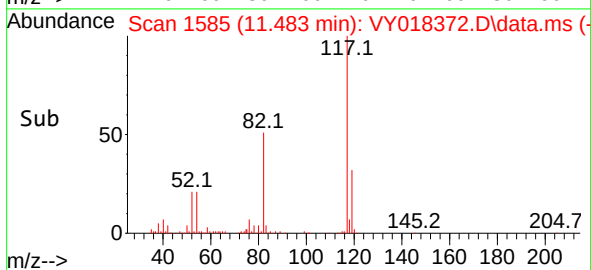
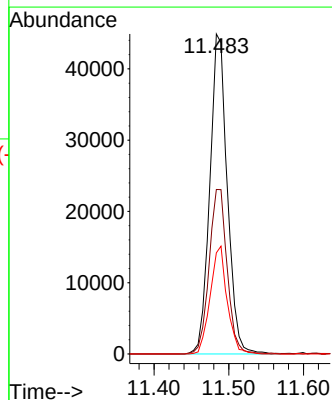
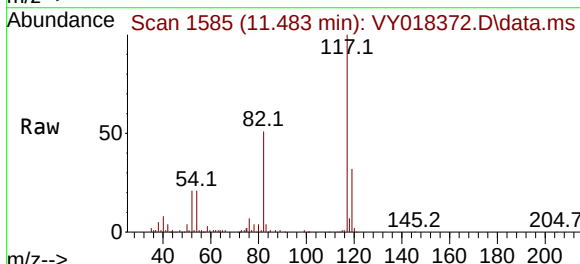
Instrument :
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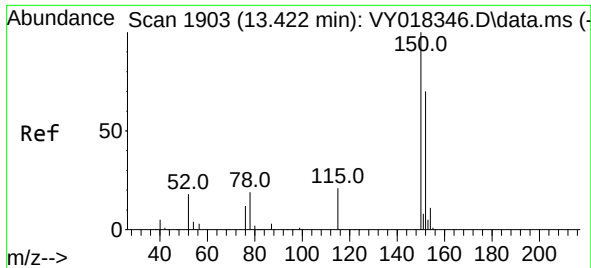
Tgt Ion: 95 Resp: 27540
Ion Ratio Lower Upper
95 100
174 76.7 0.0 175.6
176 73.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018372.D
Acq: 24 May 2024 18:16

Tgt Ion: 117 Resp: 72872
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 31.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018372.D

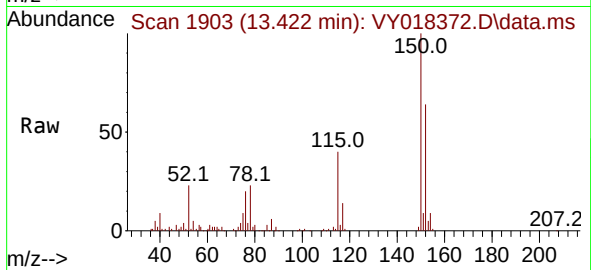
Acq: 24 May 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

RBR200035



Tgt Ion:152 Resp: 24572

Ion Ratio Lower Upper

152 100

115 62.9 28.2 84.7

150 160.9 0.0 345.6

