

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013626.D
 Acq On : 05 May 2023 15:31
 Operator : KP/MD
 Sample : 02622-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-251675

Quant Time: May 08 00:24:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

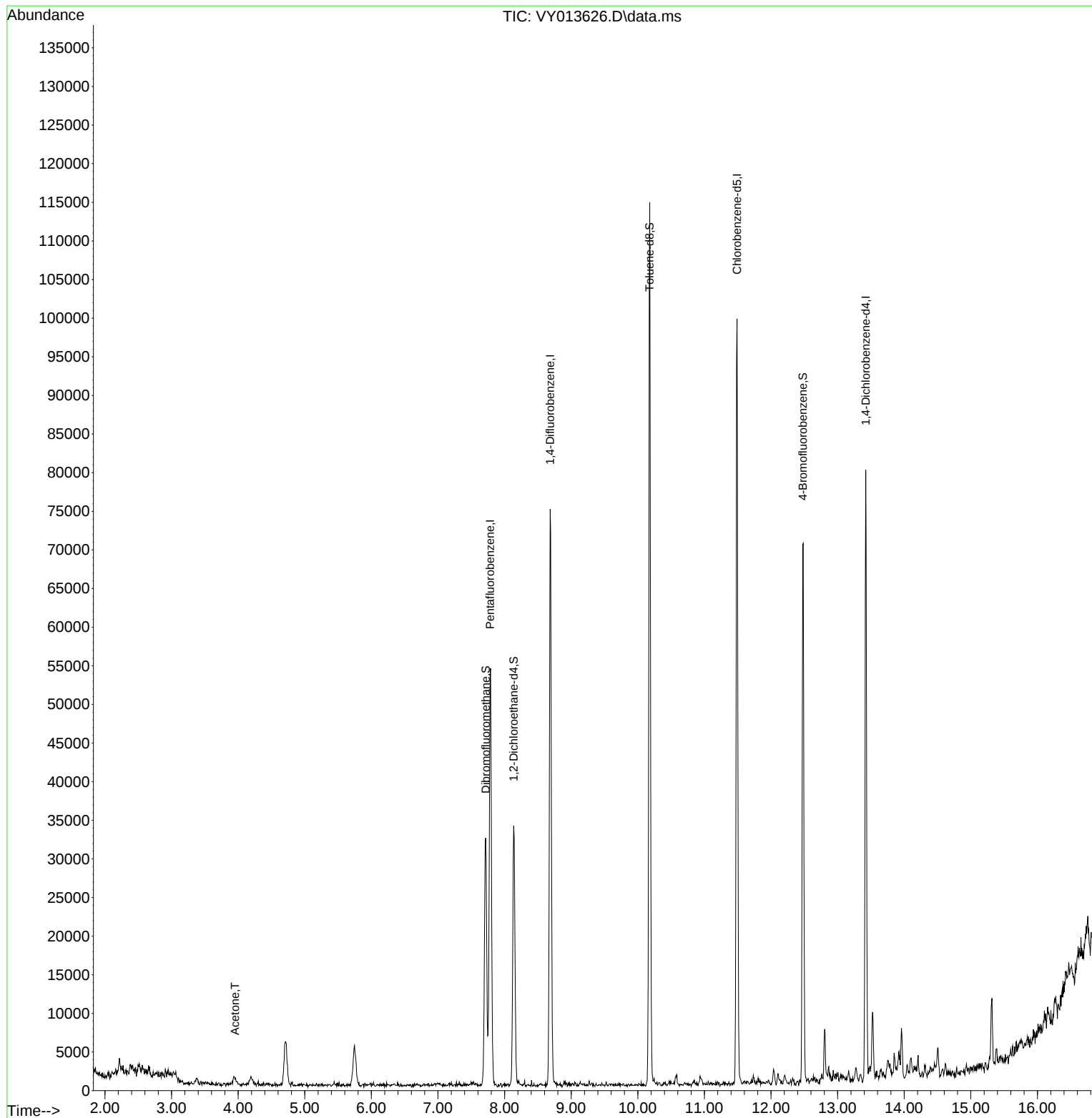
Internal Standards						
1) Pentafluorobenzene	7.783	168	41445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	62632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	54436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28490	62.708	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.420%
35) Dibromofluoromethane	7.716	113	22269	56.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.060%
50) Toluene-d8	10.179	98	73370	52.356	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.720%
62) 4-Bromofluorobenzene	12.477	95	19175	40.588	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.180%
Target Compounds						
16) Acetone	3.954	43	1708	9.546	ug/l	Qvalue 100

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

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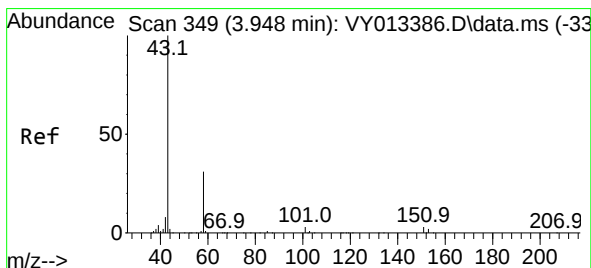
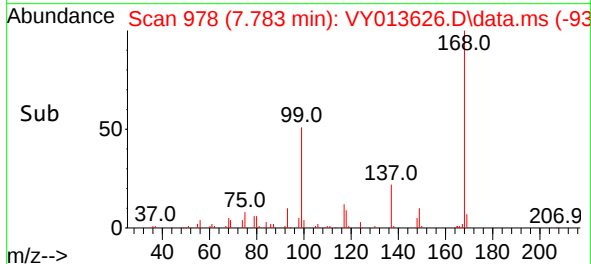
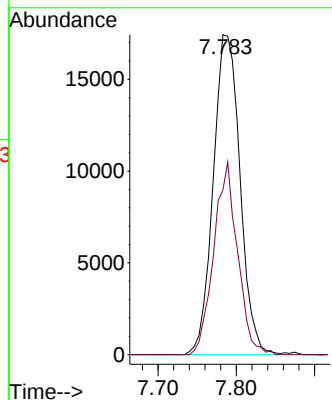
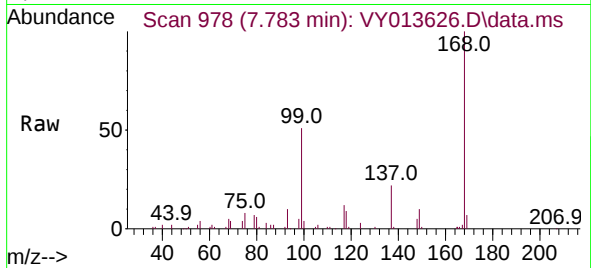




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013626.D
Acq: 05 May 2023 15:31

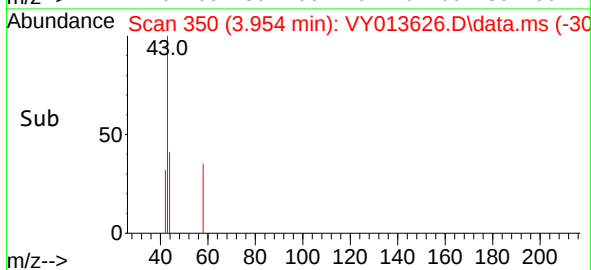
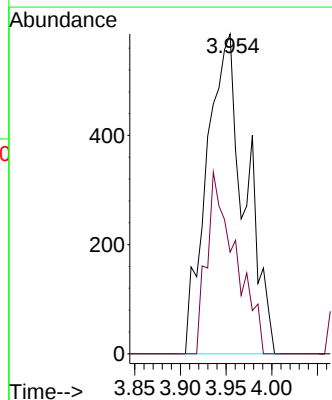
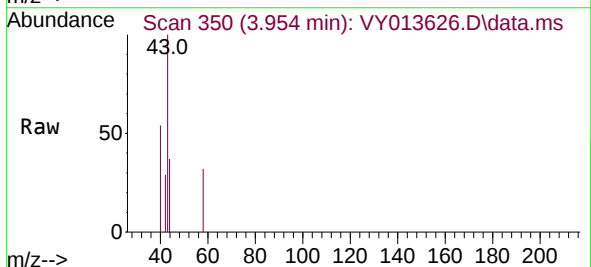
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251675

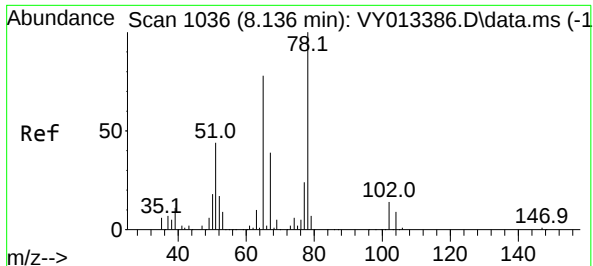
Tgt Ion:168 Resp: 41445
Ion Ratio Lower Upper
168 100
99 51.4 41.8 62.6



#16
Acetone
Concen: 9.546 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013626.D
Acq: 05 May 2023 15:31

Tgt Ion: 43 Resp: 1708
Ion Ratio Lower Upper
43 100
58 31.7 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 62.708 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY013626.D

Acq: 05 May 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

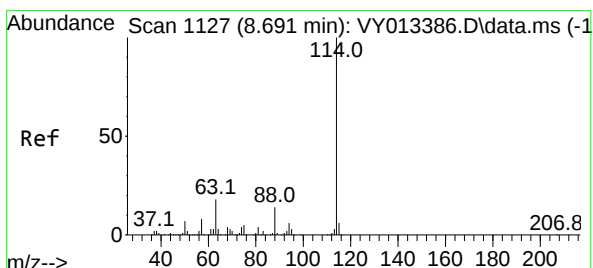
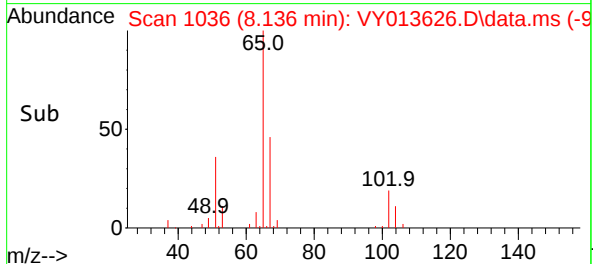
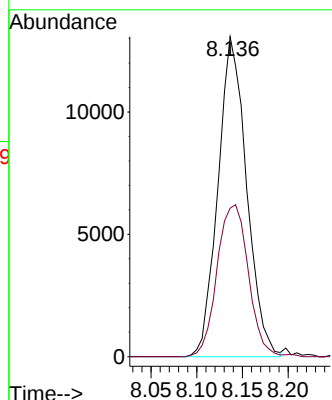
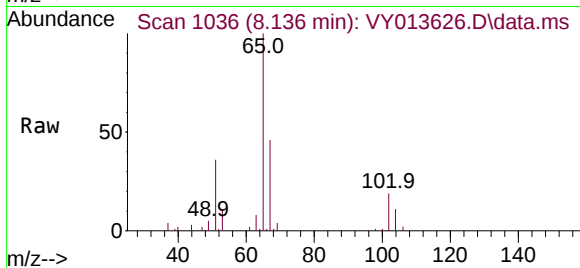
RBR-251675

Tgt Ion: 65 Resp: 28490

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013626.D

Acq: 05 May 2023 15:31

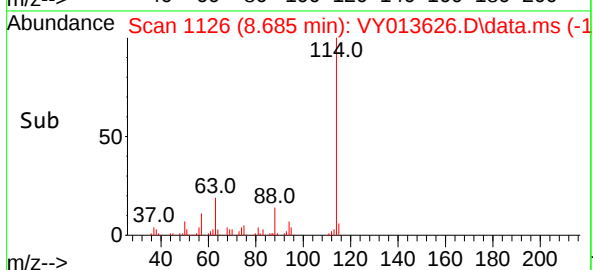
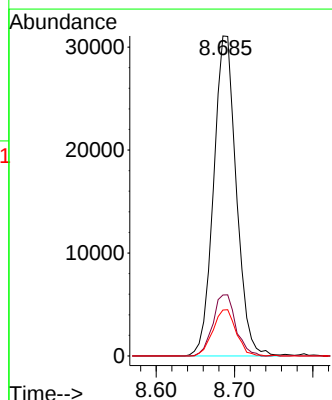
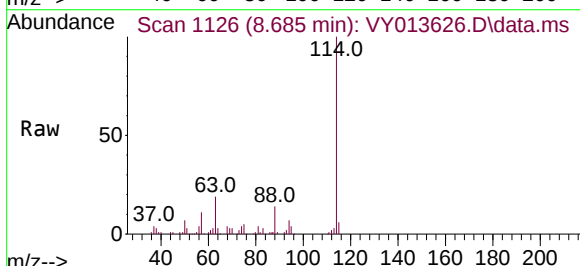
Tgt Ion: 114 Resp: 62632

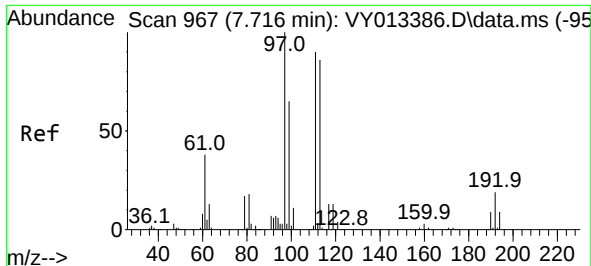
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.6

88 14.3 0.0 28.8

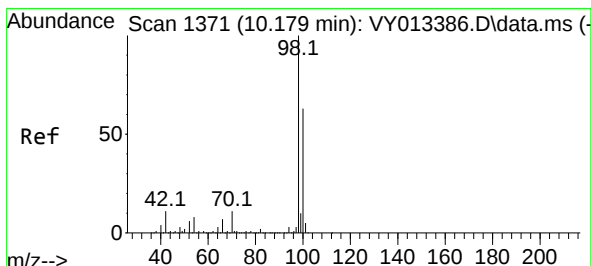
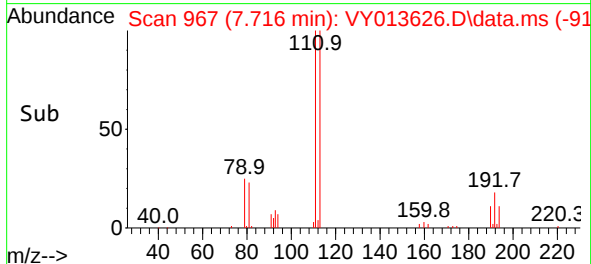
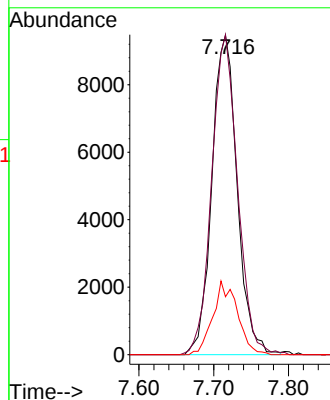
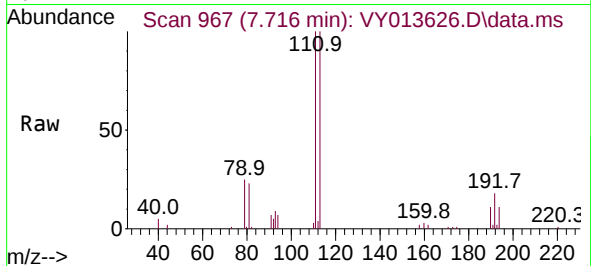




#35
Dibromofluoromethane
Concen: 56.531 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013626.D
Acq: 05 May 2023 15:31

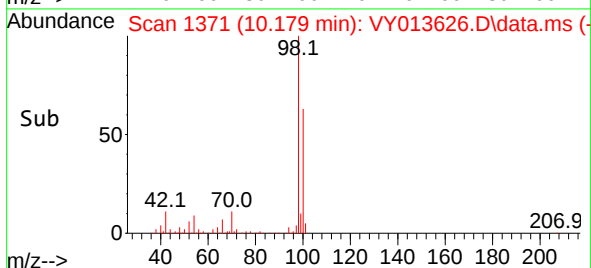
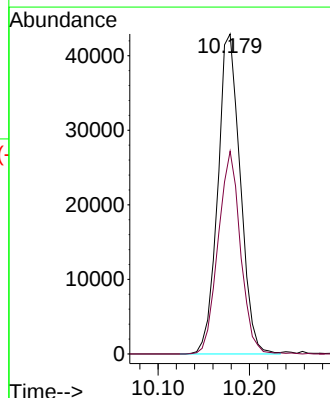
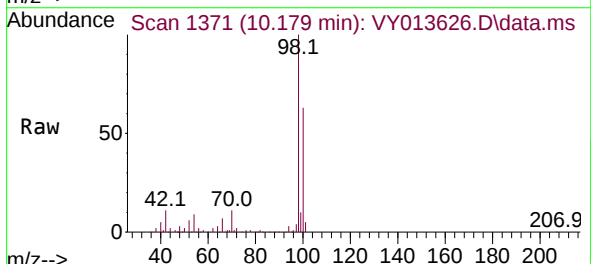
Instrument :
MSVOA_Y
ClientSampleId :
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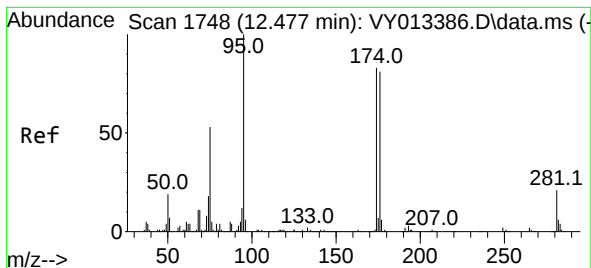
Tgt Ion:113 Resp: 22269
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 22.4 16.7 25.1



#50
Toluene-d8
Concen: 52.356 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013626.D
Acq: 05 May 2023 15:31

Tgt Ion: 98 Resp: 73370
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7

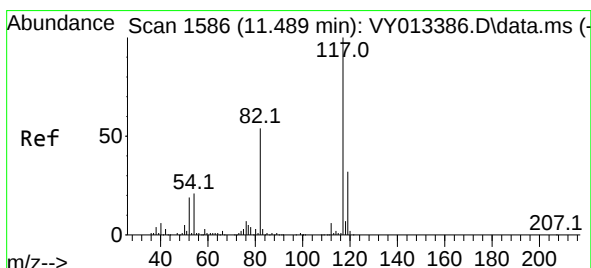
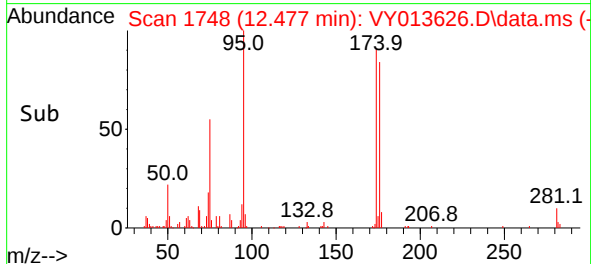
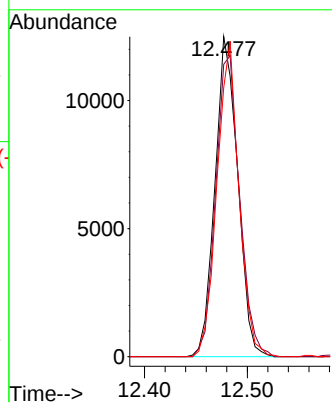
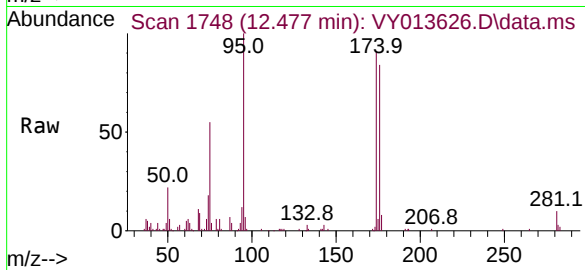




#62
4-Bromofluorobenzene
Concen: 40.588 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013626.D
Acq: 05 May 2023 15:31

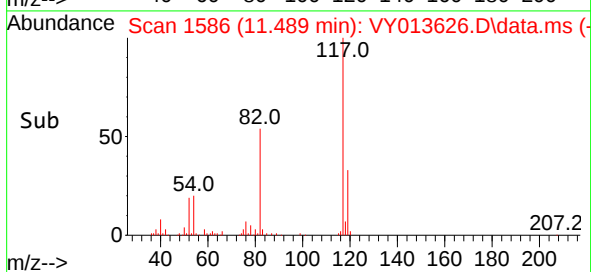
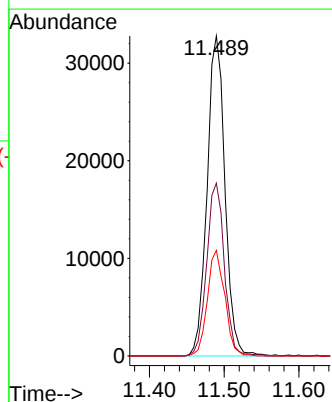
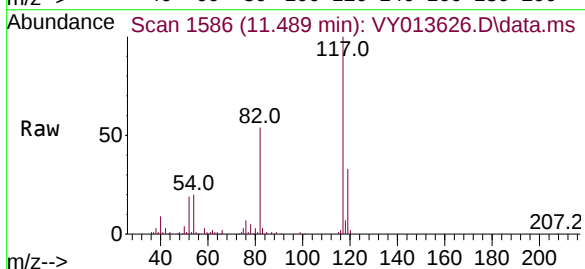
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251675

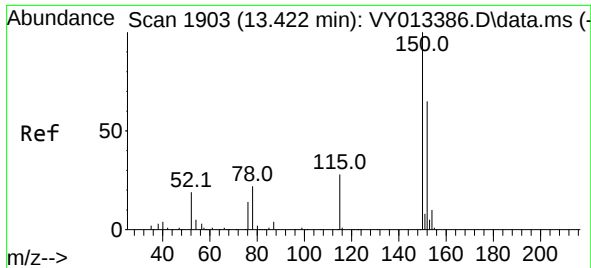
Tgt Ion: 95 Resp: 19175
Ion Ratio Lower Upper
95 100
174 99.0 0.0 182.0
176 94.8 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013626.D
Acq: 05 May 2023 15:31

Tgt Ion: 117 Resp: 54436
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 33.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013626.D

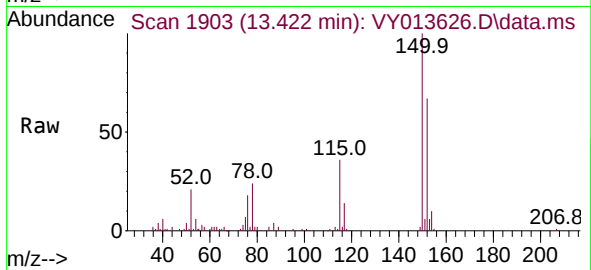
Acq: 05 May 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

RBR-251675



Tgt Ion:152 Resp: 20588

Ion Ratio Lower Upper

152 100

115 53.9 28.1 84.2

150 155.9 0.0 352.0

