

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015289.D
 Acq On : 23 Aug 2023 18:32
 Operator : SY/MD
 Sample : 04082-05
 Misc : 3.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11929

Quant Time: Aug 24 02:35:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

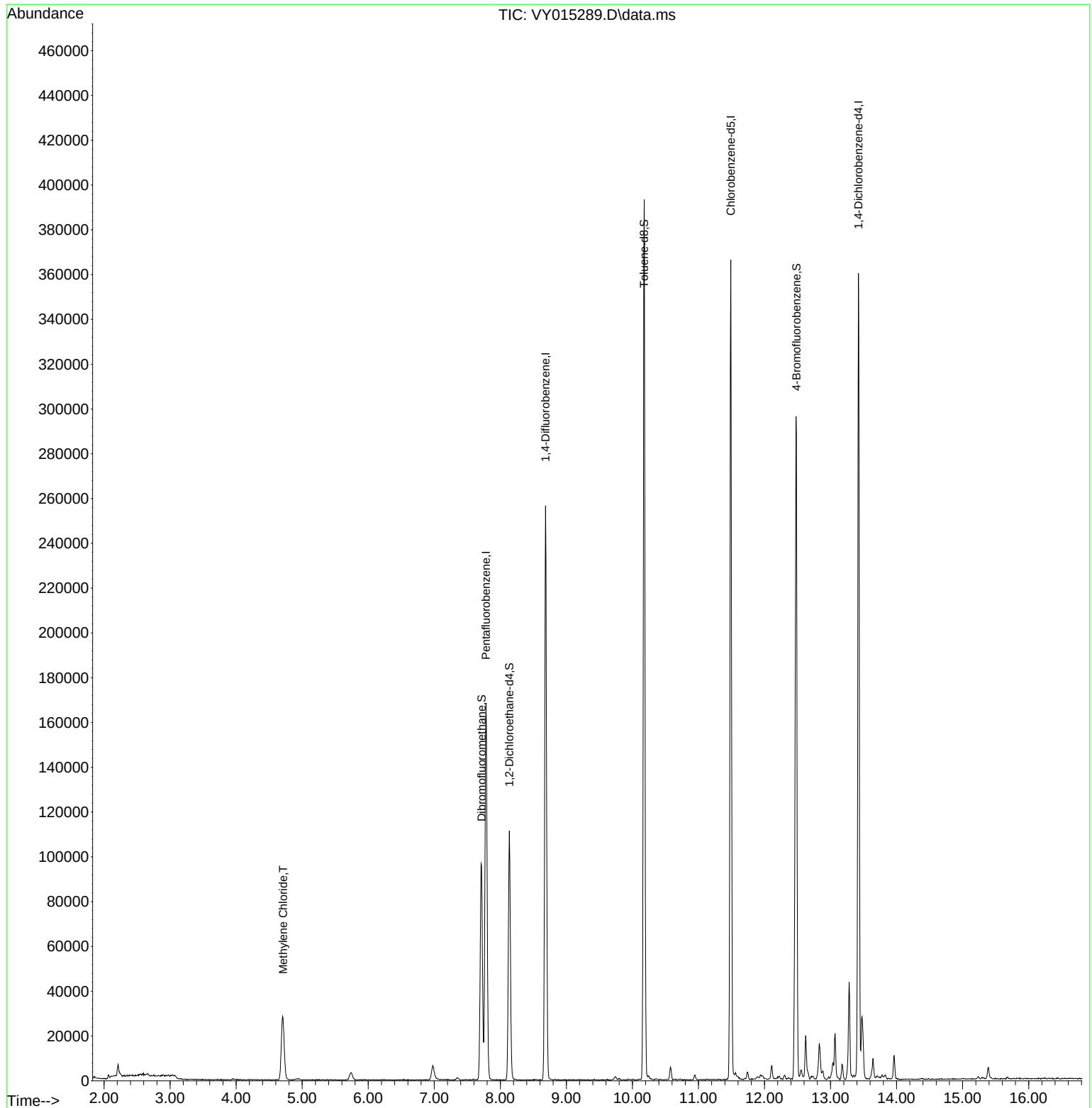
Internal Standards						
1) Pentafluorobenzene	7.783	168	128828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	216469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86019	55.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.240%
35) Dibromofluoromethane	7.716	113	68629	49.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.560%
50) Toluene-d8	10.179	98	254523	49.097	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.483	95	84403	44.575	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.160%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	21491	14.691	ug/l	88

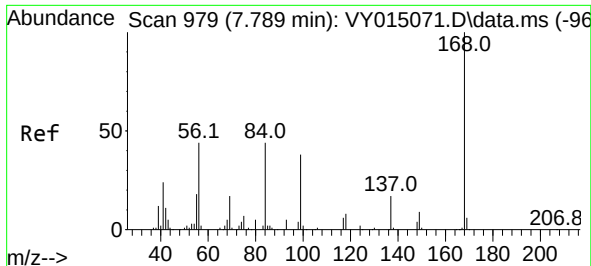
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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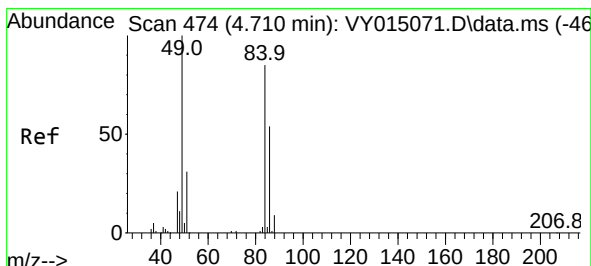
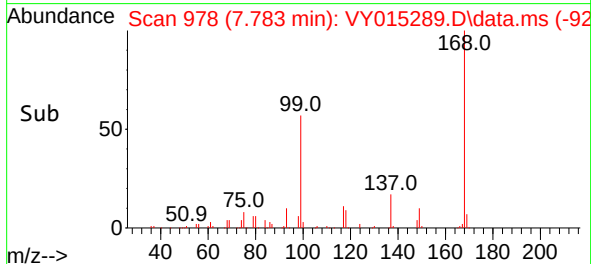
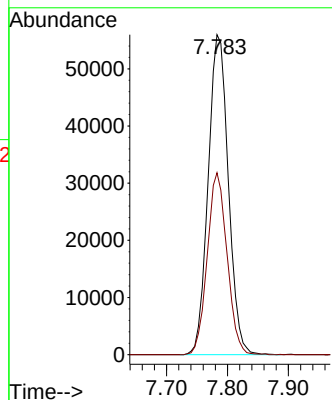
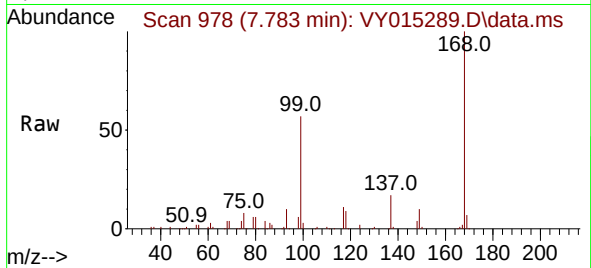




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015289.D
Acq: 23 Aug 2023 18:32

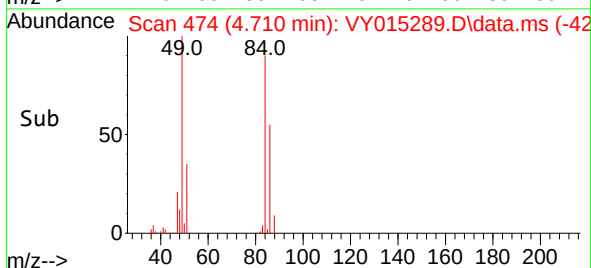
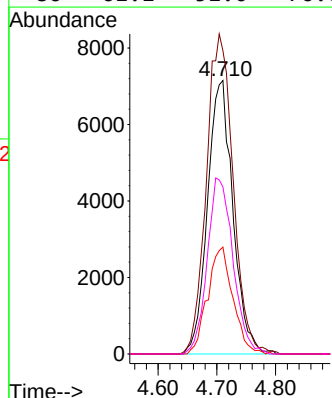
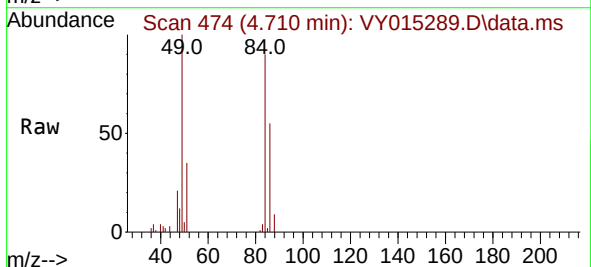
Instrument :
MSVOA_Y
ClientSampleId :
72-11929

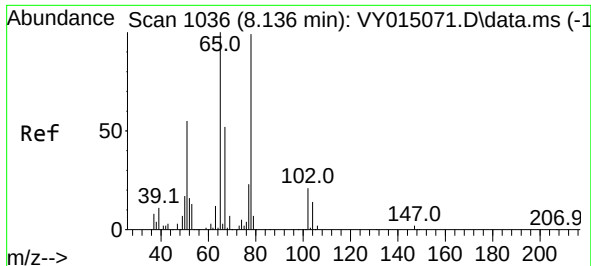
Tgt Ion:168 Resp: 128828
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#20
Methylene Chloride
Concen: 14.691 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015289.D
Acq: 23 Aug 2023 18:32

Tgt Ion: 84 Resp: 21491
Ion Ratio Lower Upper
84 100
49 110.8 106.9 160.3
51 39.1 33.2 49.8
86 61.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.623 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015289.D

Acq: 23 Aug 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

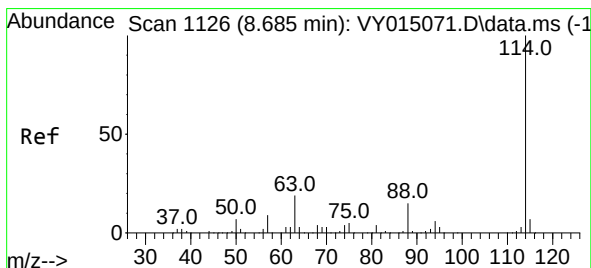
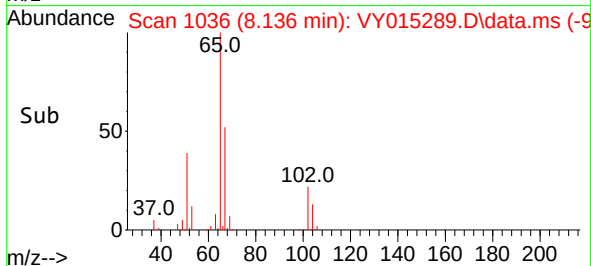
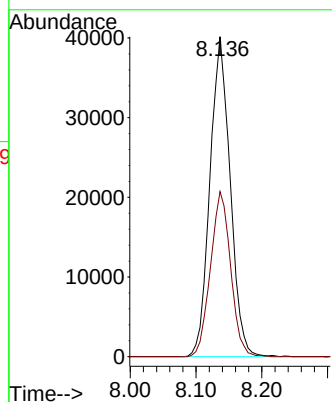
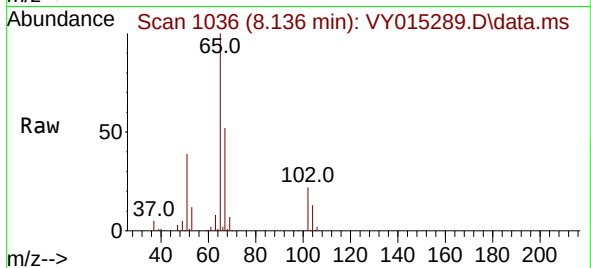
72-11929

Tgt Ion: 65 Resp: 86019

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015289.D

Acq: 23 Aug 2023 18:32

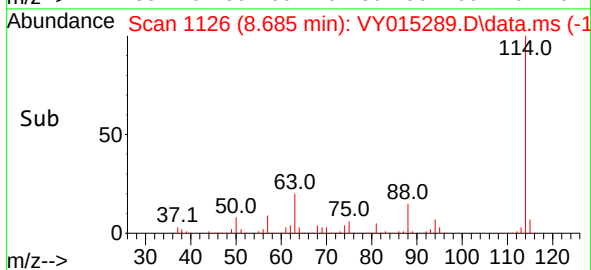
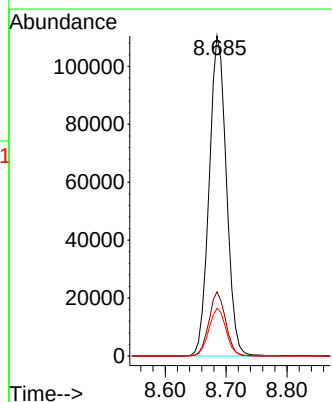
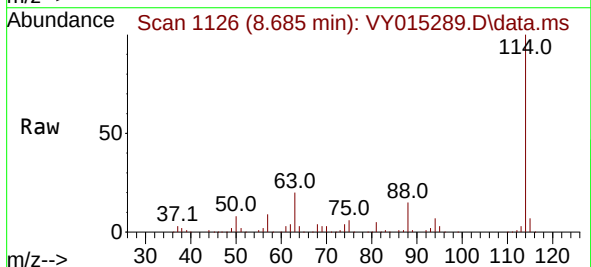
Tgt Ion: 114 Resp: 216469

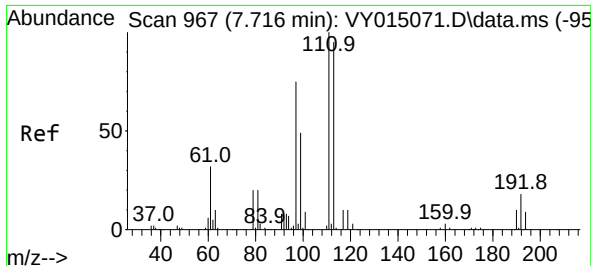
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.8 0.0 30.6

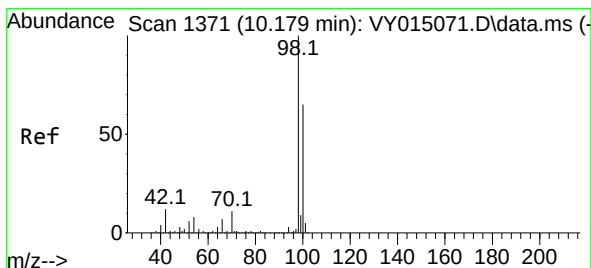
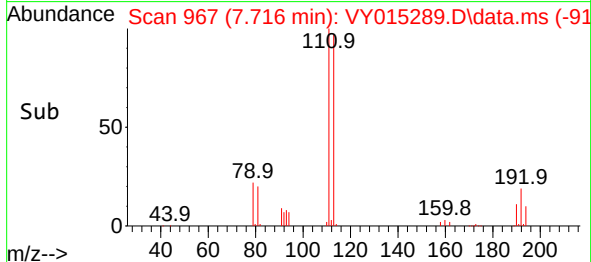
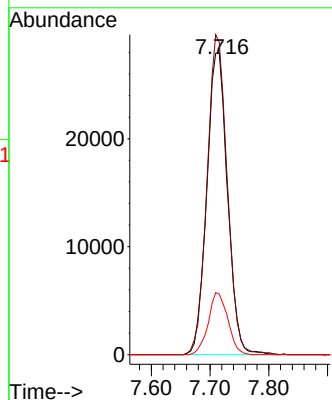
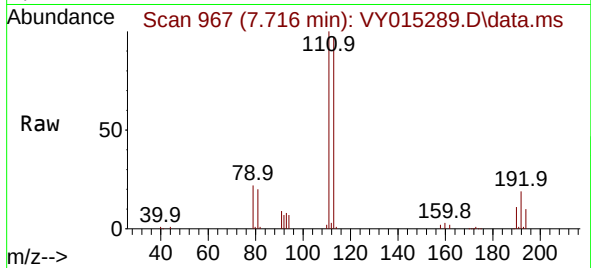




#35
Dibromofluoromethane
Concen: 49.281 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015289.D
Acq: 23 Aug 2023 18:32

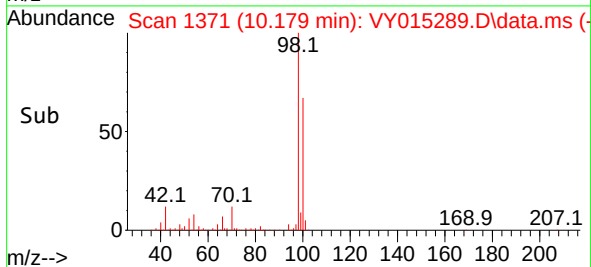
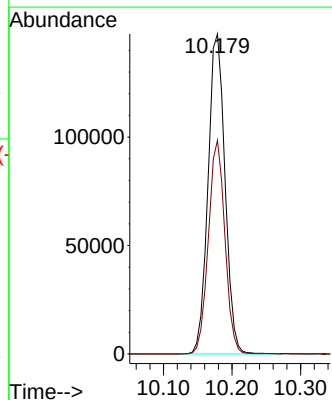
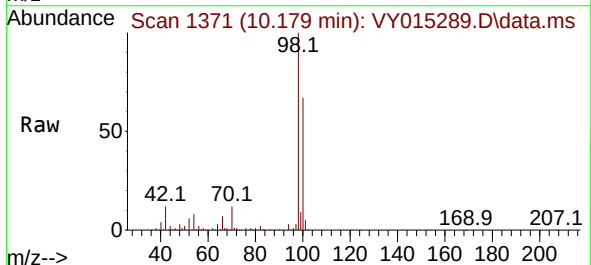
Instrument :
MSVOA_Y
ClientSampleId :
72-11929

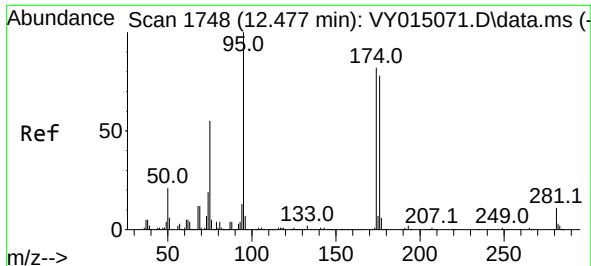
Tgt Ion:113 Resp: 68629
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 49.097 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015289.D
Acq: 23 Aug 2023 18:32

Tgt Ion: 98 Resp: 254523
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 44.575 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015289.D

Acq: 23 Aug 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

72-11929

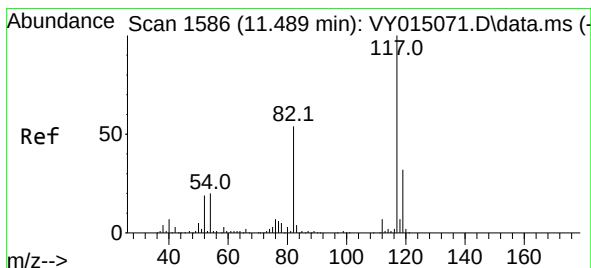
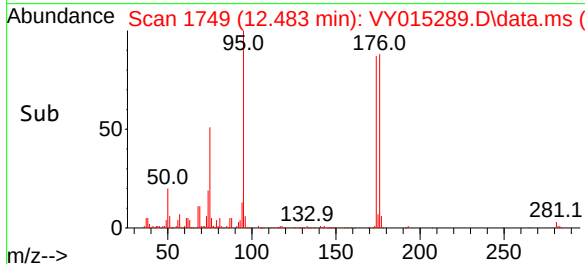
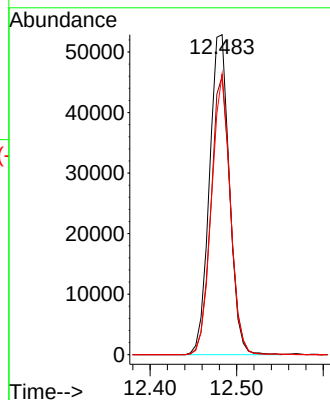
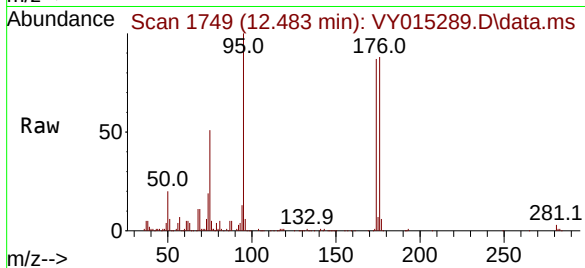
Tgt Ion: 95 Resp: 84403

Ion Ratio Lower Upper

95 100

174 84.5 0.0 178.2

176 83.0 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY015289.D

Acq: 23 Aug 2023 18:32

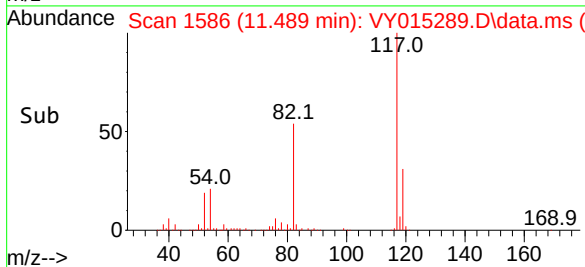
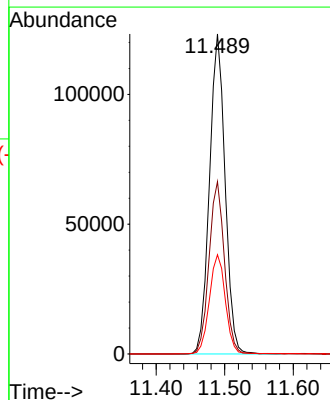
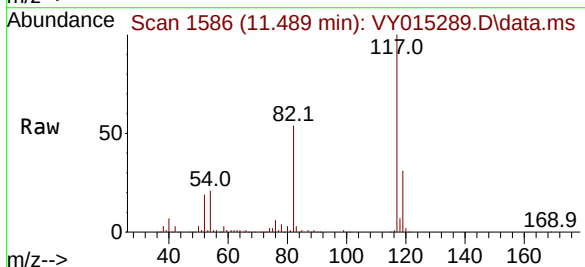
Tgt Ion: 117 Resp: 195005

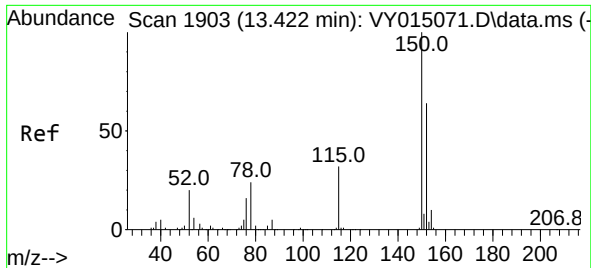
Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

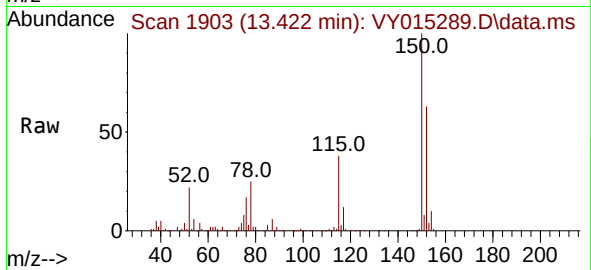
119 30.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015289.D
 Acq: 23 Aug 2023 18:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11929



Tgt Ion:	152	Resp:	92620
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.8	86.5
150	156.5	0.0	348.8

