

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015372.D
 Acq On : 30 Aug 2023 13:05
 Operator : SY/MD
 Sample : 04203-02
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(12-12.5)

Quant Time: Aug 31 00:59:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

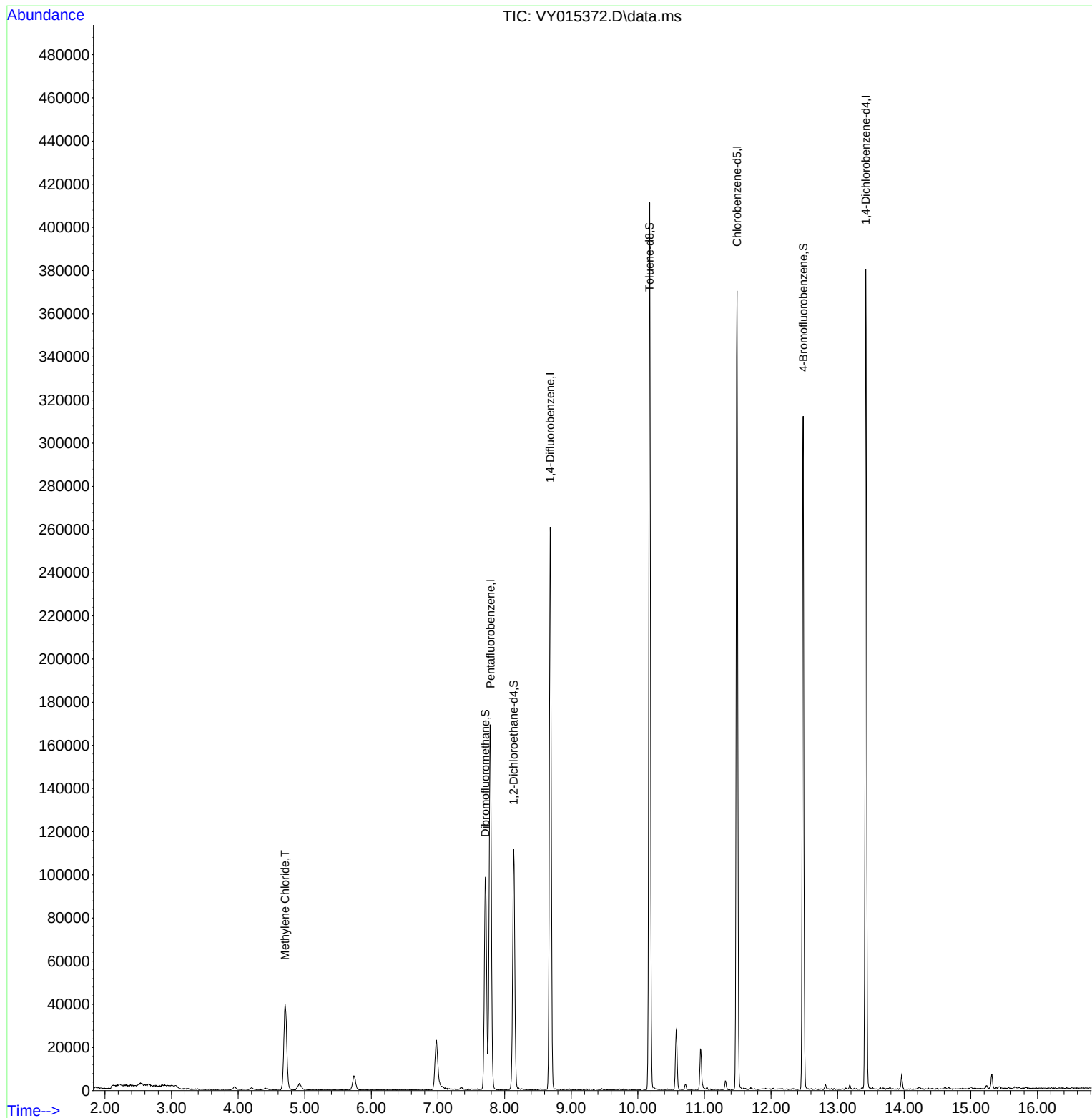
Internal Standards						
1) Pentafluorobenzene	7.789	168	133019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	86484	60.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.300%	
35) Dibromofluoromethane	7.710	113	70058	54.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.340%	
50) Toluene-d8	10.179	98	261264	56.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.600%	
62) 4-Bromofluorobenzene	12.483	95	87662	50.888	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.780%	
Target Compounds						
20) Methylene Chloride	4.704	84	30396	10.808	ug/l	Qvalue 92

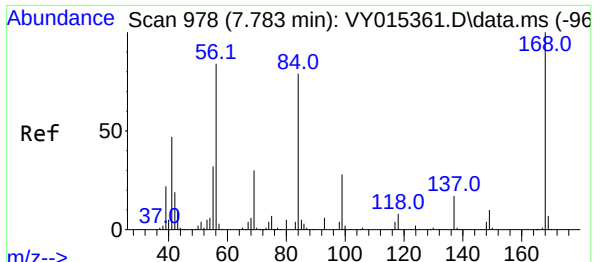
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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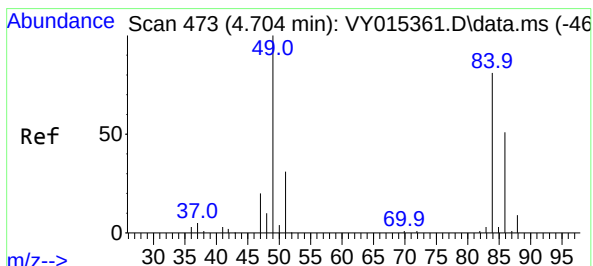
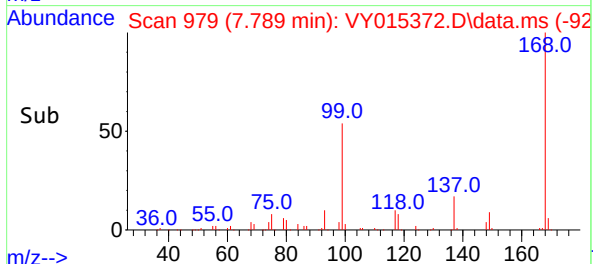
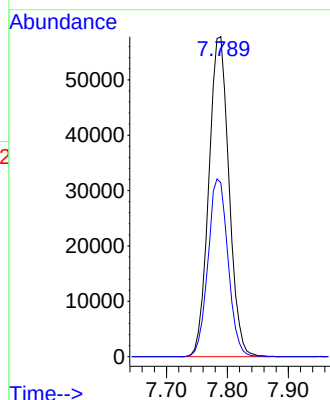
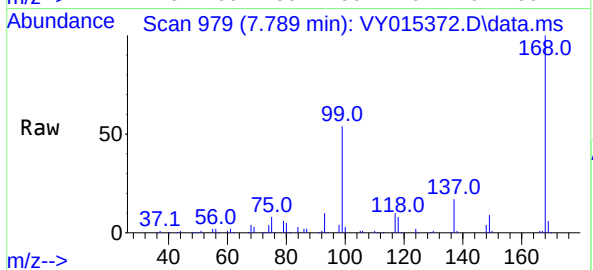




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

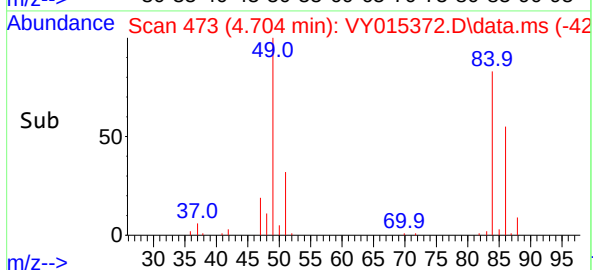
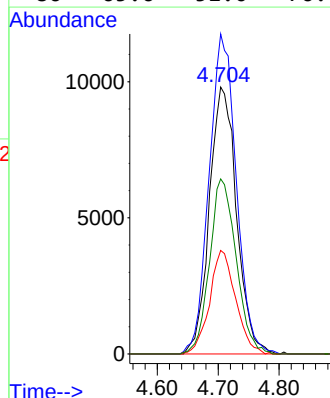
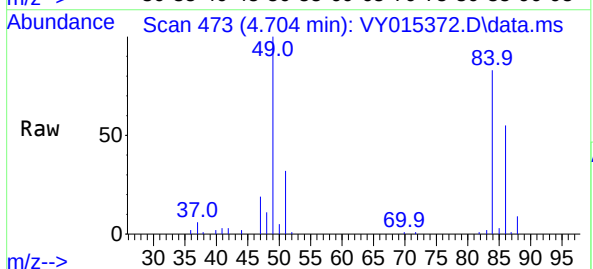
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(12-12.5)

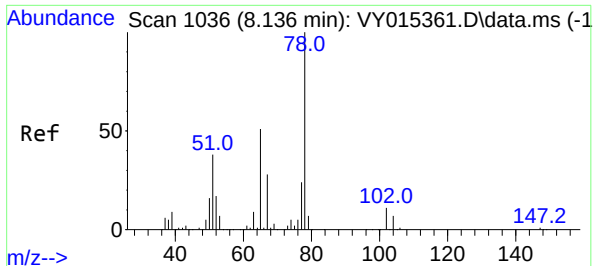
Tgt Ion:168 Resp: 133019
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#20
Methylene Chloride
Concen: 10.808 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

Tgt Ion: 84 Resp: 30396
Ion Ratio Lower Upper
84 100
49 119.9 106.9 160.3
51 38.8 33.2 49.8
86 65.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 60.650 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015372.D

Acq: 30 Aug 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :

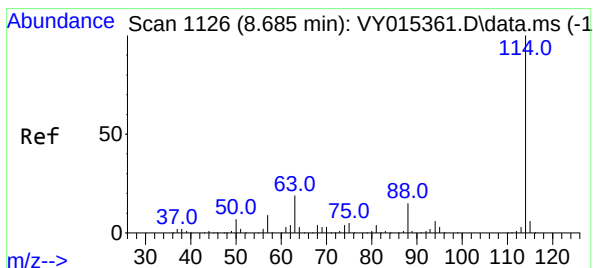
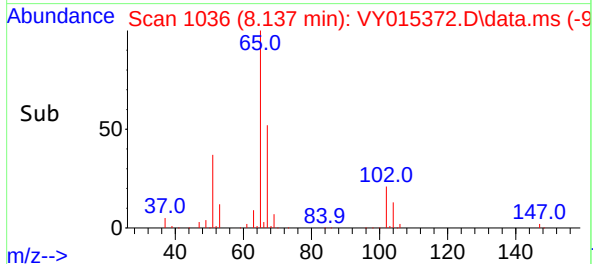
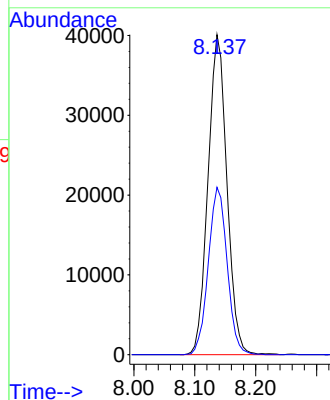
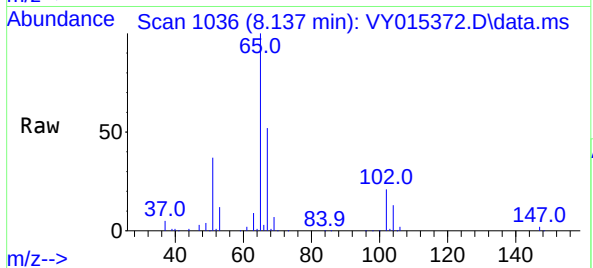
SB-2(12-12.5)

Tgt Ion: 65 Resp: 86484

Ion Ratio Lower Upper

65 100

67 52.1 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: VY015372.D

Acq: 30 Aug 2023 13:05

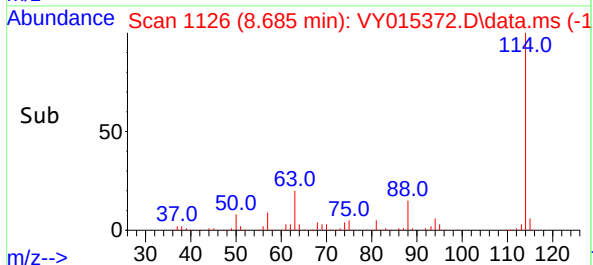
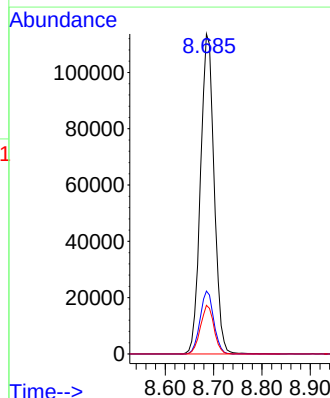
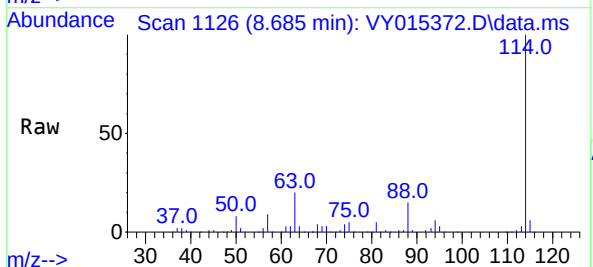
Tgt Ion: 114 Resp: 222467

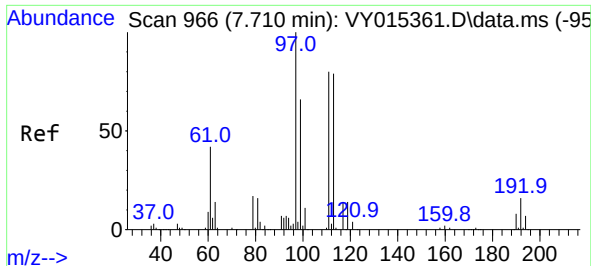
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.2 0.0 30.6

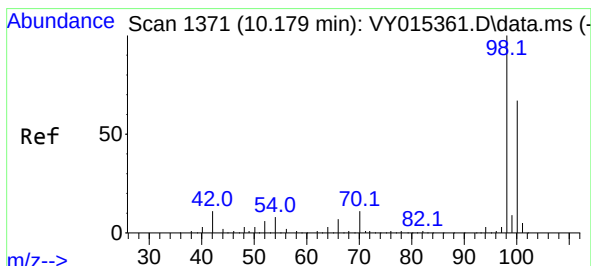
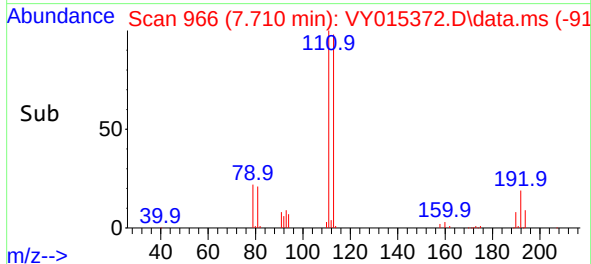
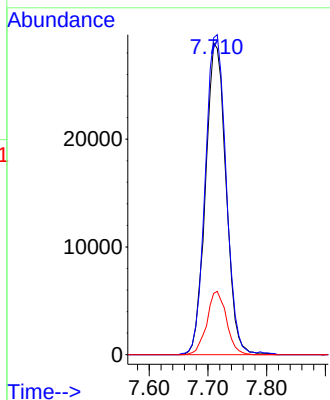
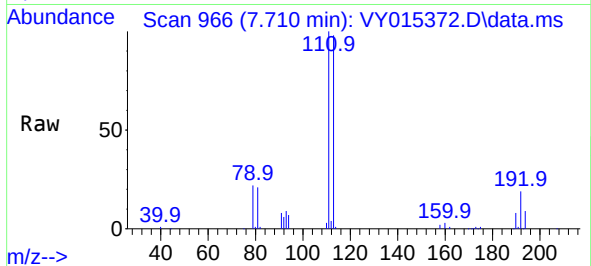




#35
Dibromofluoromethane
Concen: 54.675 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

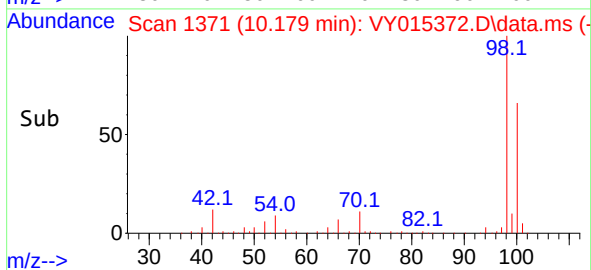
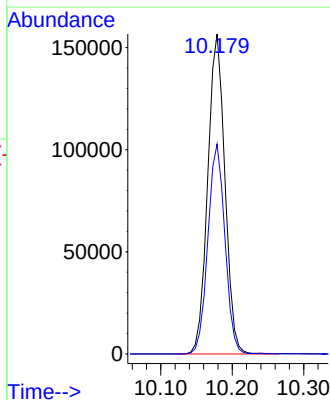
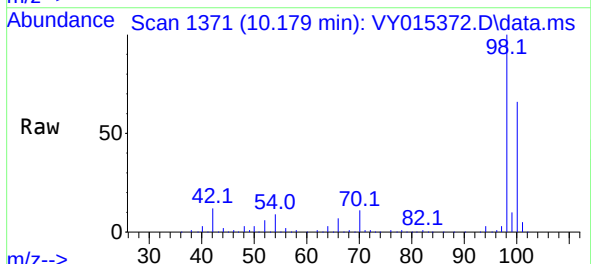
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(12-12.5)

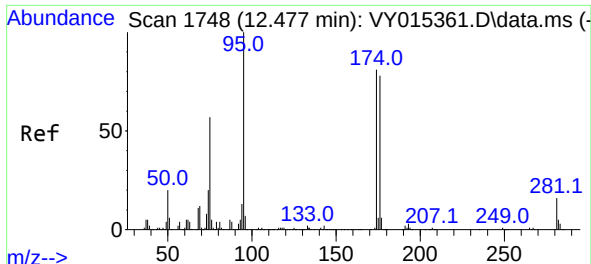
Tgt Ion:113 Resp: 70058
Ion Ratio Lower Upper
113 100
111 104.3 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 56.303 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

Tgt Ion: 98 Resp: 261264
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

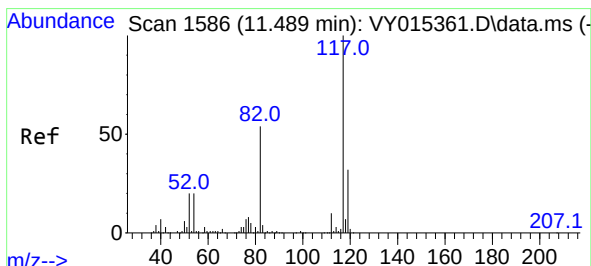
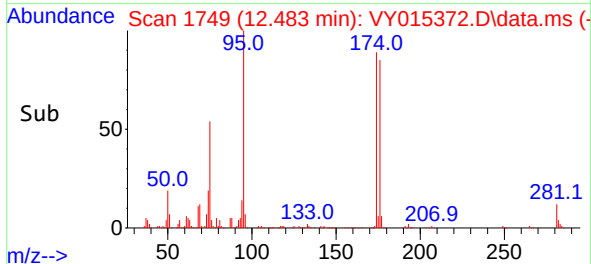
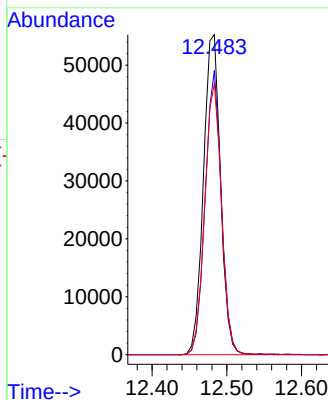
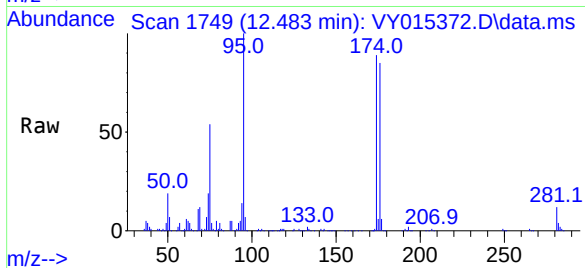




#62
4-Bromofluorobenzene
Concen: 50.888 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

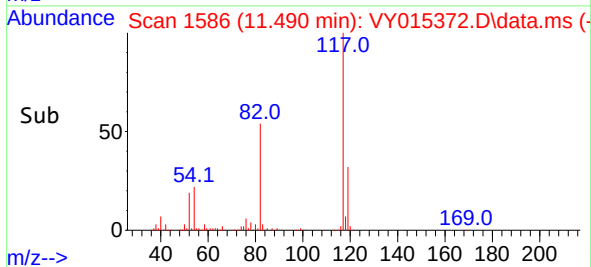
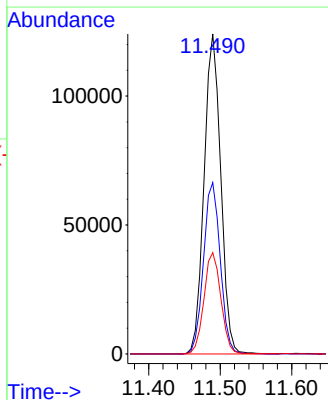
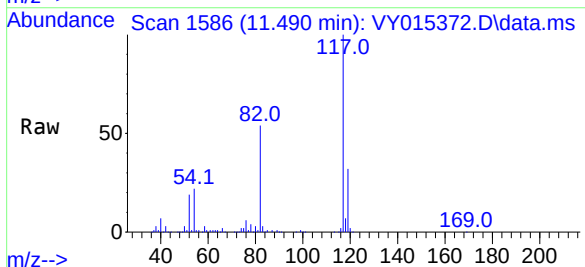
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(12-12.5)

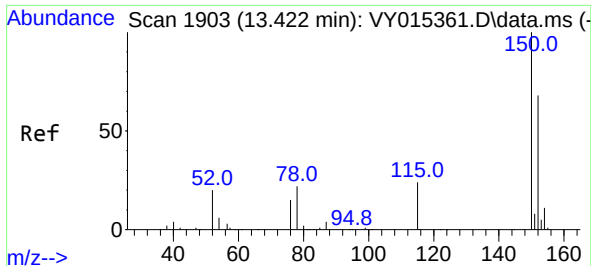
Tgt Ion:	95	Resp:	87662
Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	178.2
176	83.0	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

Tgt Ion:	117	Resp:	201175
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.4	65.0
119	31.6	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: VY015372.D

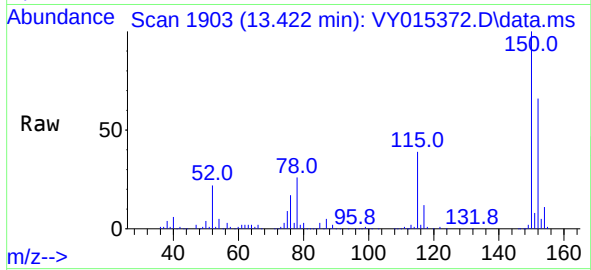
Acq: 30 Aug 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(12-12.5)



Tgt Ion:152 Resp: 95961

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 158.3 0.0 348.8

