

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010357.D
 Acq On : 06 Sep 2022 19:25
 Operator : KP/MD
 Sample : N4500-13
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-9.5-10.0

Quant Time: Sep 07 05:56:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

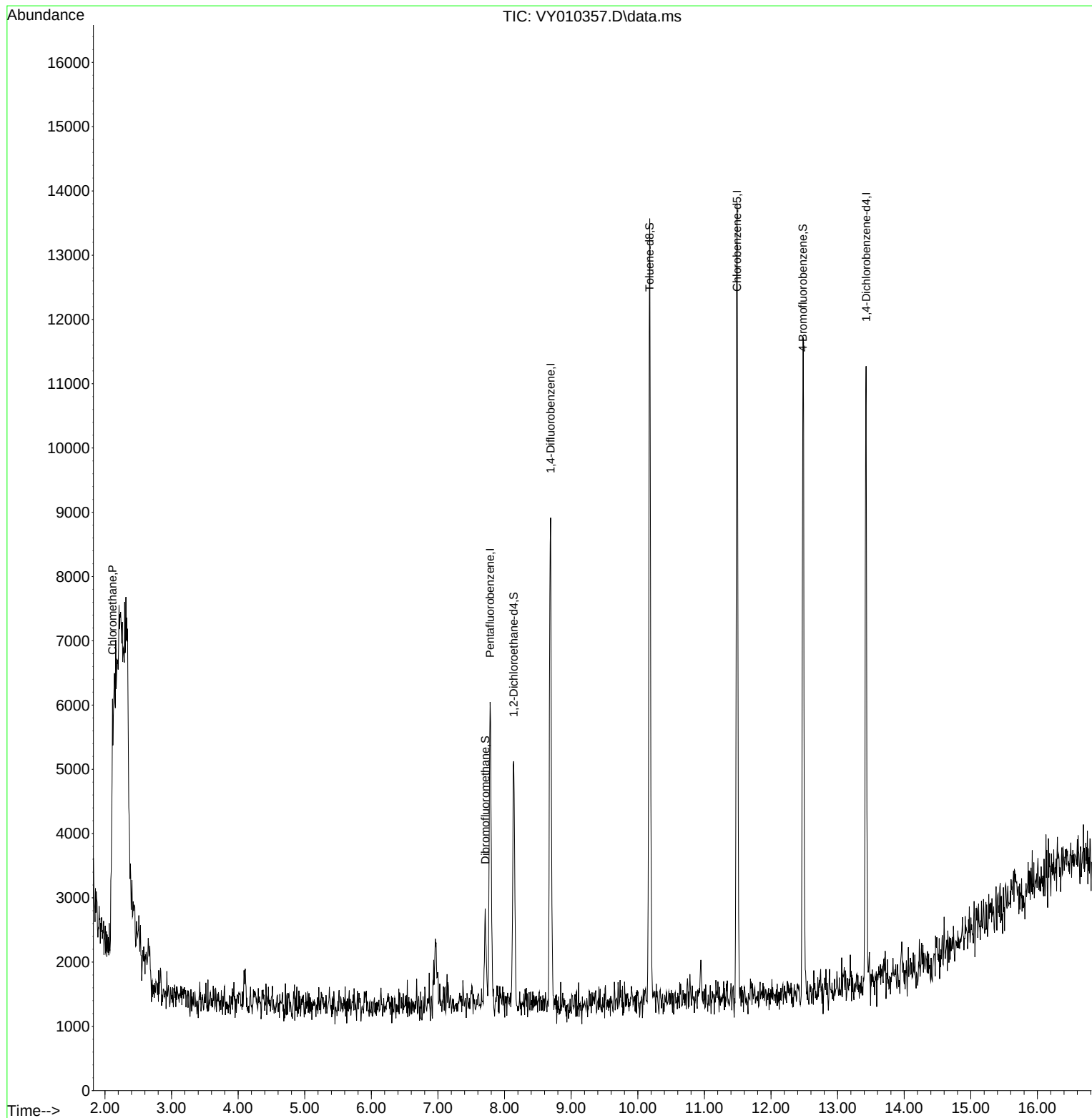
Internal Standards						
1) Pentafluorobenzene	7.783	168	4042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	3067	74.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.000%
35) Dibromofluoromethane	7.710	113	1053	21.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.200%#
50) Toluene-d8	10.179	98	8400	51.465	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.477	95	3478	53.672	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.340%
Target Compounds						
3) Chloromethane	2.113	50	422	9.579	ug/l	Qvalue # 39

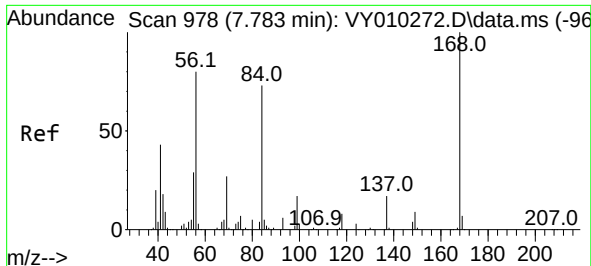
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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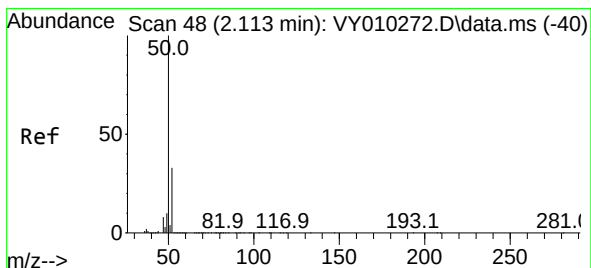
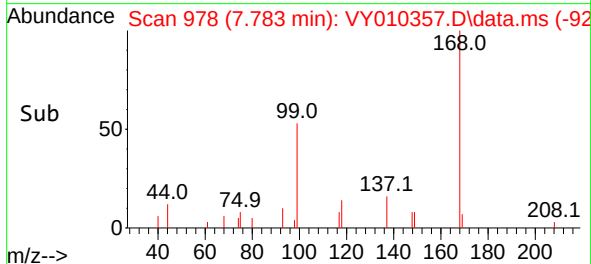
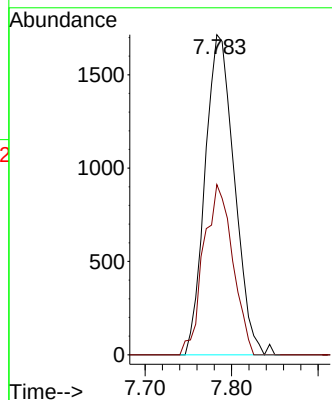
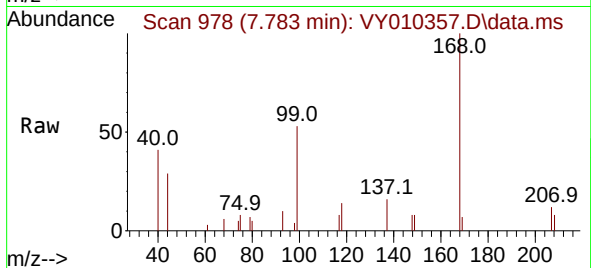




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010357.D
Acq: 06 Sep 2022 19:25

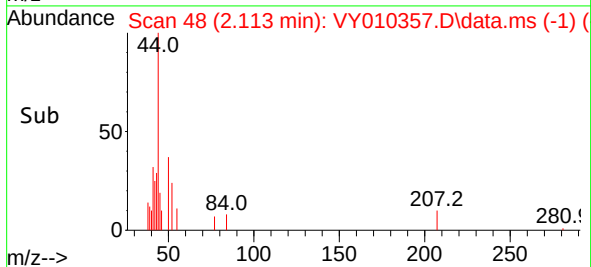
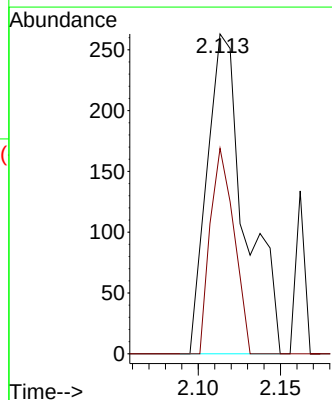
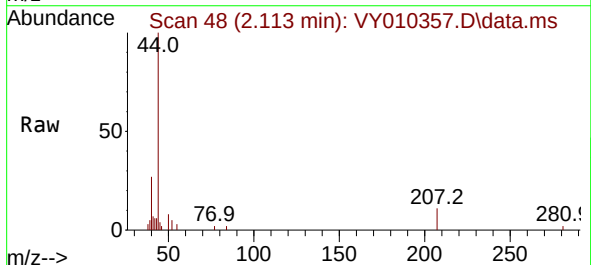
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

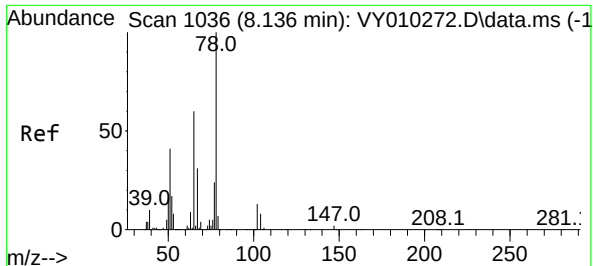
Tgt Ion:168 Resp: 4042
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#3
Chloromethane
Concen: 9.579 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY010357.D
Acq: 06 Sep 2022 19:25

Tgt Ion: 50 Resp: 422
Ion Ratio Lower Upper
50 100
52 64.3 24.6 37.0#





#33

1,2-Dichloroethane-d4

Concen: 74.000 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY010357.D

Acq: 06 Sep 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

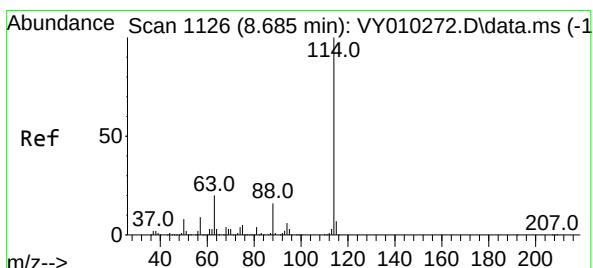
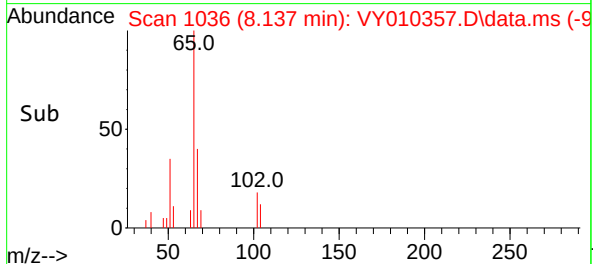
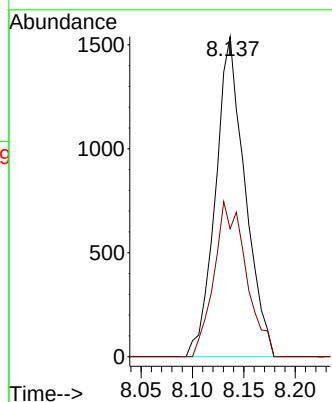
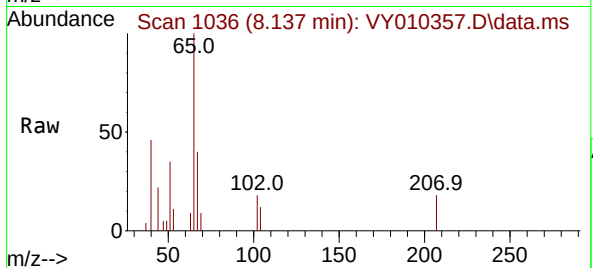
SB-03-9.5-10.0

Tgt Ion: 65 Resp: 3067

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010357.D

Acq: 06 Sep 2022 19:25

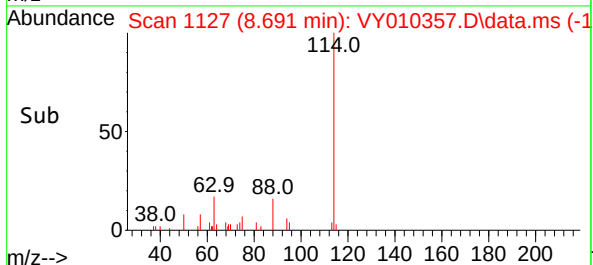
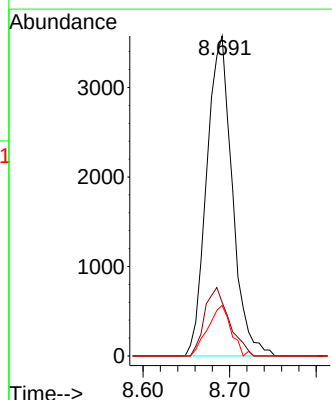
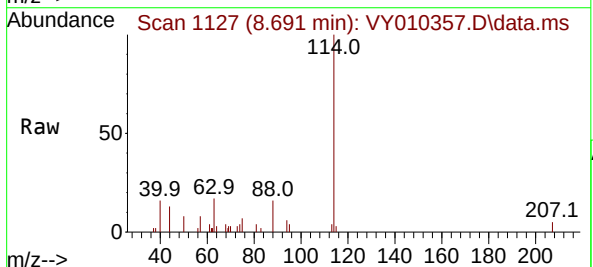
Tgt Ion: 114 Resp: 7323

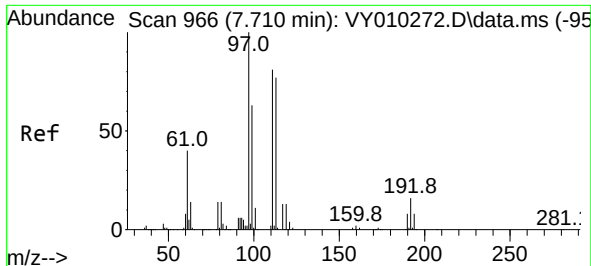
Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 21.600 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010357.D

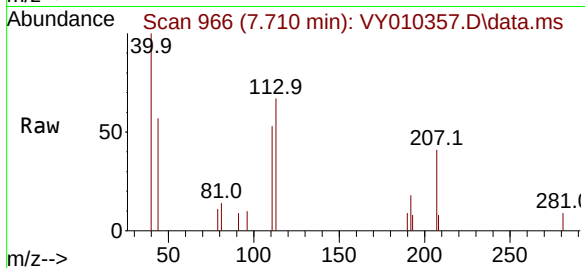
Acq: 06 Sep 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-9.5-10.0



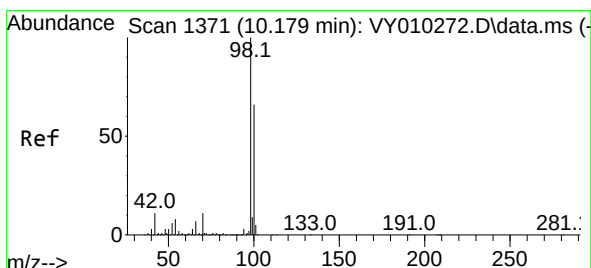
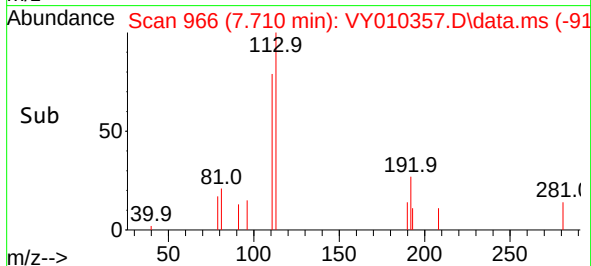
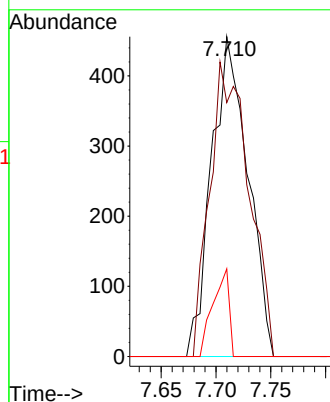
Tgt Ion:113 Resp: 1053

Ion Ratio Lower Upper

113 100

111 99.0 82.6 124.0

192 12.3 17.6 26.4#



#50

Toluene-d8

Concen: 51.465 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010357.D

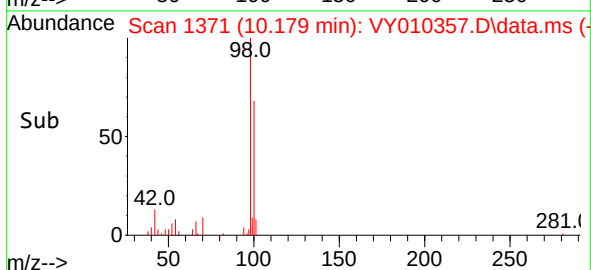
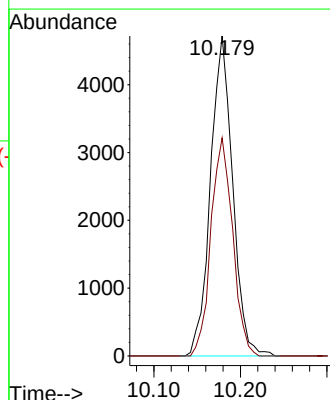
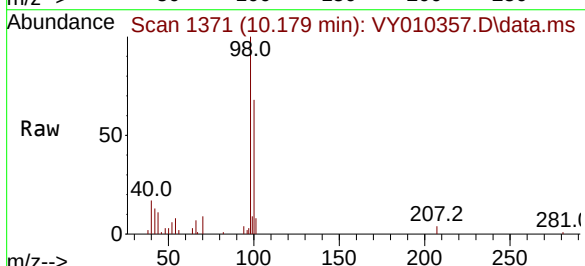
Acq: 06 Sep 2022 19:25

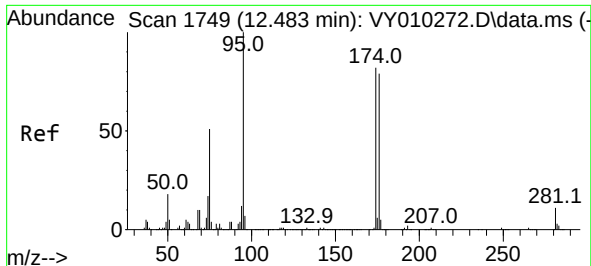
Tgt Ion: 98 Resp: 8400

Ion Ratio Lower Upper

98 100

100 66.7 50.2 75.2

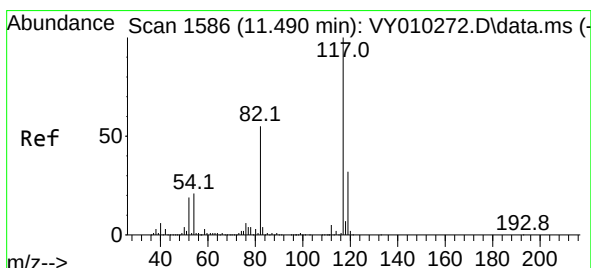
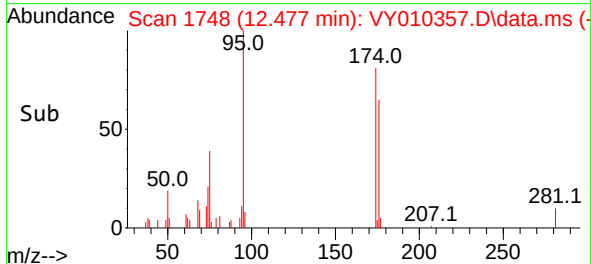
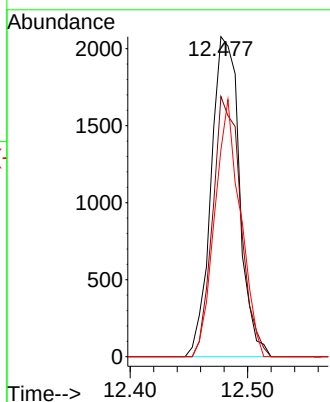
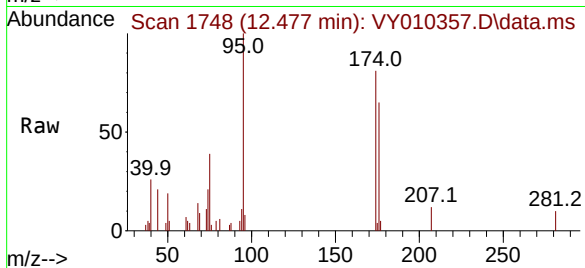




#62
4-Bromofluorobenzene
Concen: 53.672 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010357.D
Acq: 06 Sep 2022 19:25

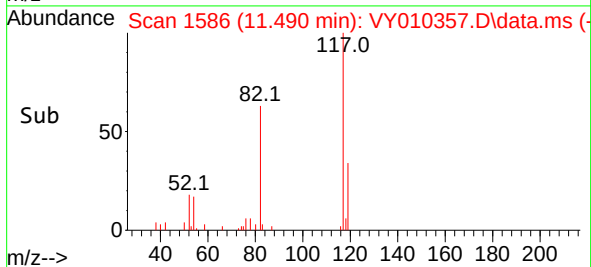
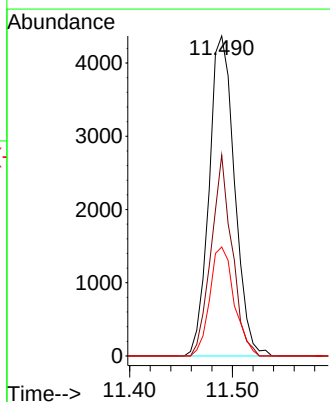
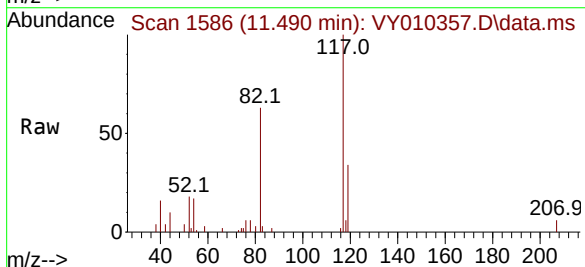
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

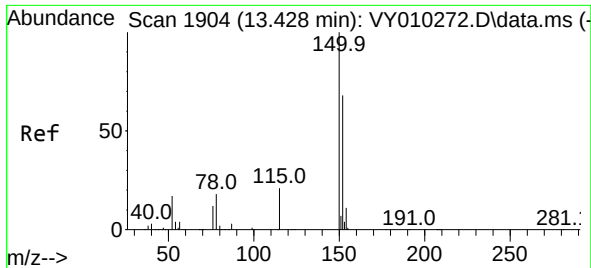
Tgt Ion:	95	Resp:	3478
Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	177.0
176	72.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010357.D
Acq: 06 Sep 2022 19:25

Tgt Ion:	117	Resp:	7515
Ion	Ratio	Lower	Upper
117	100		
82	62.8	43.0	64.4
119	34.1	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY010357.D

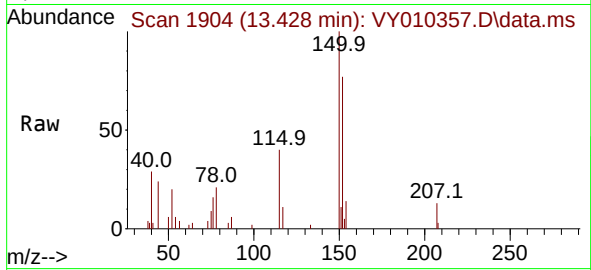
Acq: 06 Sep 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-9.5-10.0



Tgt Ion:152 Resp: 2693

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 146.5 0.0 347.6

