

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011160.D
 Acq On : 28 Oct 2022 16:33
 Operator : KP/MD
 Sample : N5308-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-2-102622

Quant Time: Oct 28 23:46:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

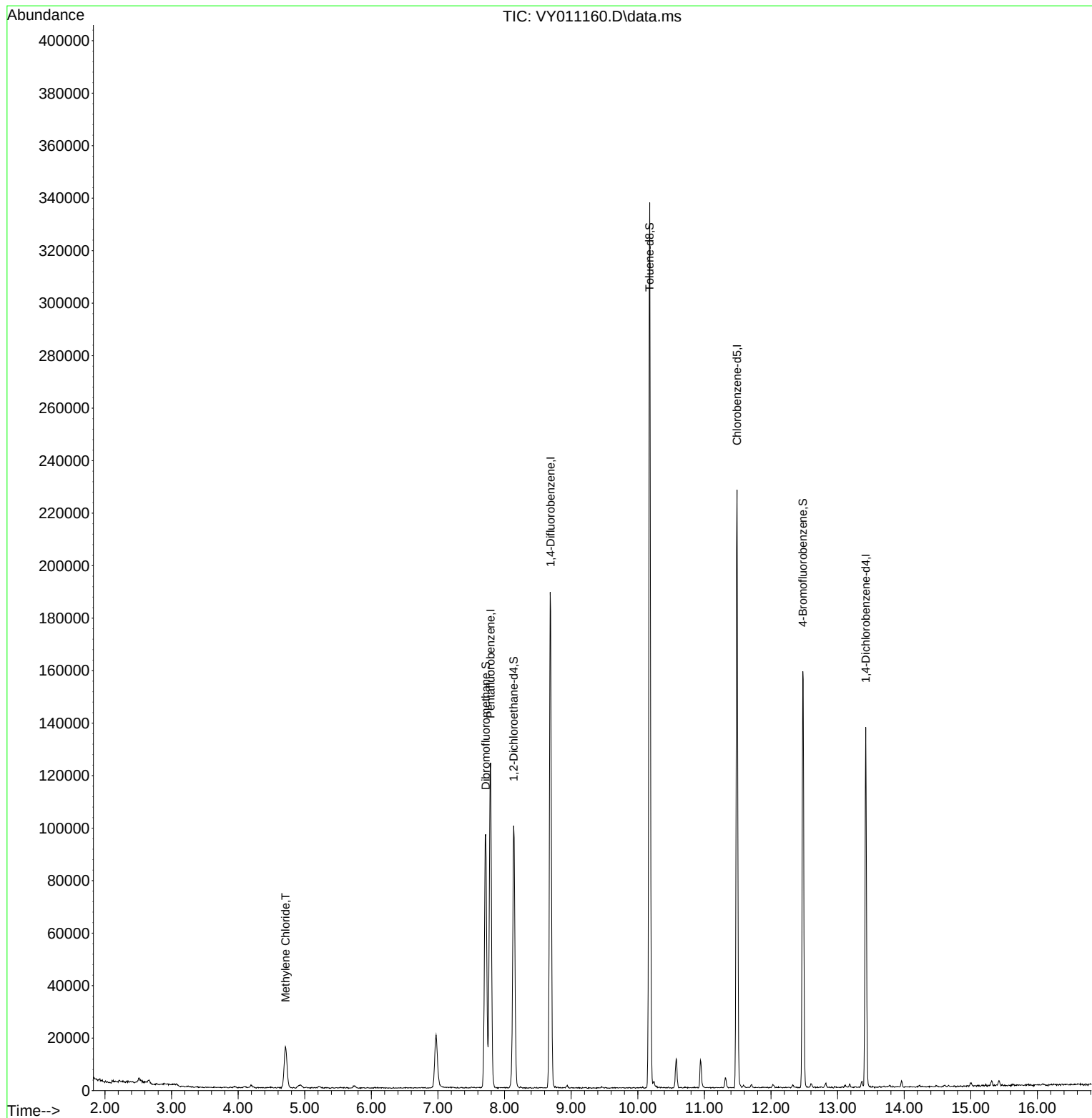
Internal Standards						
1) Pentafluorobenzene	7.789	168	97072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	35312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	75279	74.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.000%
35) Dibromofluoromethane	7.716	113	71529	70.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.700%
50) Toluene-d8	10.179	98	222977	55.352	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.700%
62) 4-Bromofluorobenzene	12.477	95	49952	37.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.800%
Target Compounds						
20) Methylene Chloride	4.710	84	12495	6.442	ug/l	Qvalue # 81

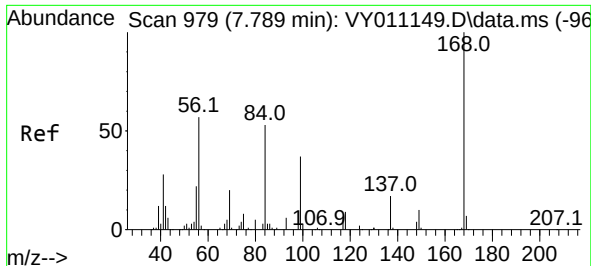
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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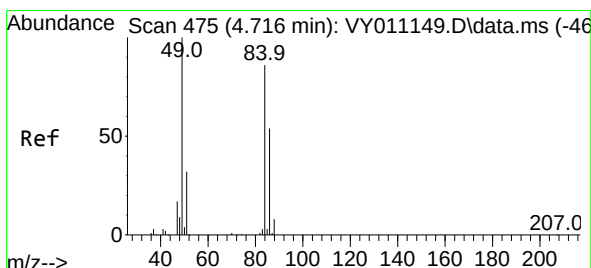
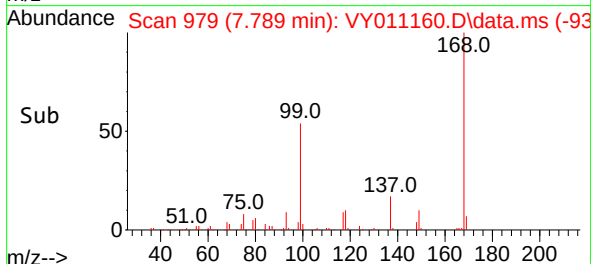
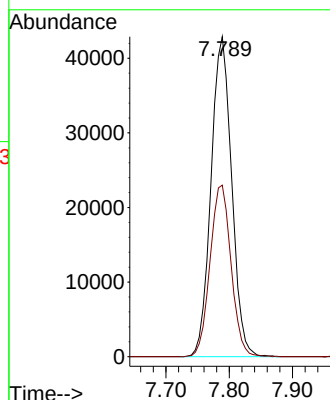
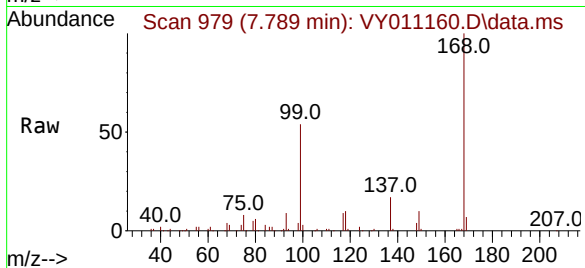




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011160.D
Acq: 28 Oct 2022 16:33

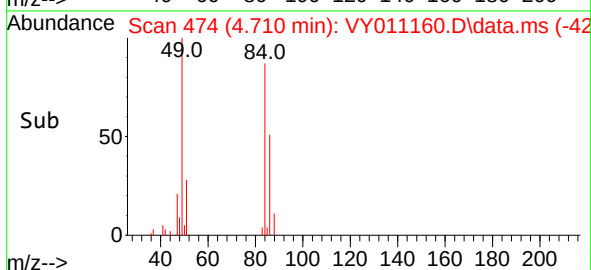
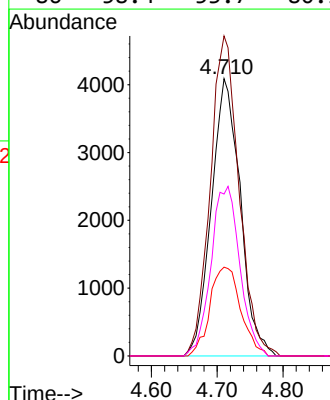
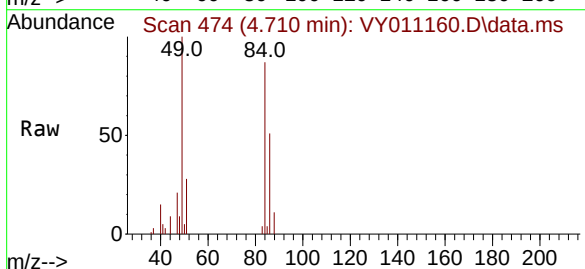
Instrument :
MSVOA_Y
ClientSampleId :
PL-2-102622

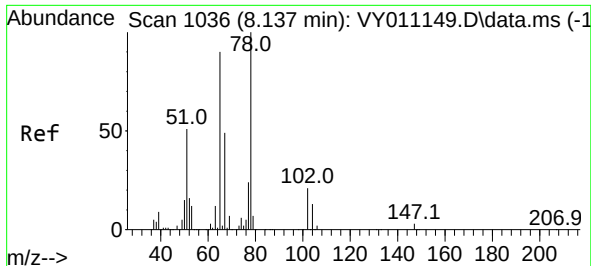
Tgt Ion:168 Resp: 97072
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#20
Methylene Chloride
Concen: 6.442 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011160.D
Acq: 28 Oct 2022 16:33

Tgt Ion: 84 Resp: 12495
Ion Ratio Lower Upper
84 100
49 115.4 114.4 171.6
51 32.0 35.3 52.9#
86 58.4 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 74.998 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY011160.D

Acq: 28 Oct 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

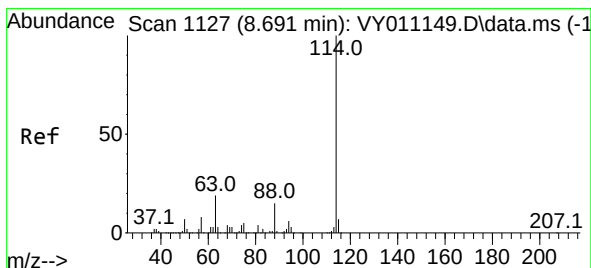
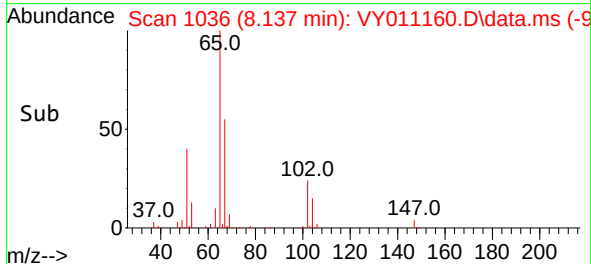
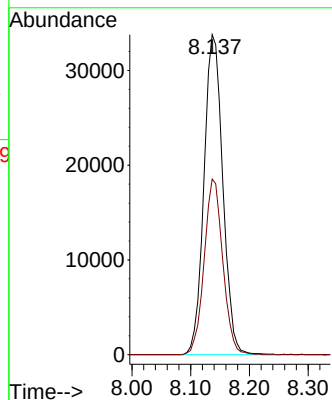
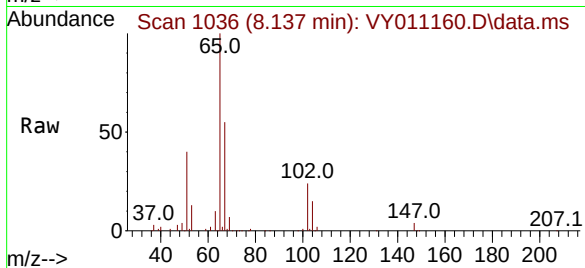
PL-2-102622

Tgt Ion: 65 Resp: 75279

Ion Ratio Lower Upper

65 100

67 54.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011160.D

Acq: 28 Oct 2022 16:33

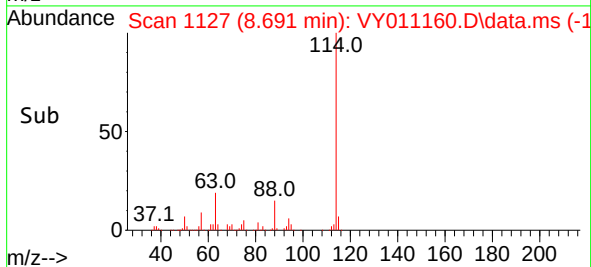
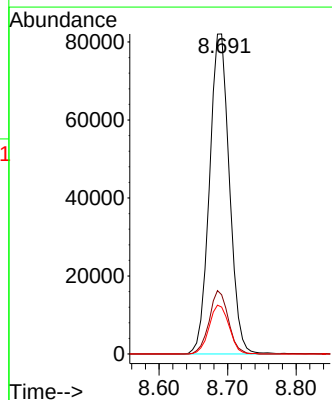
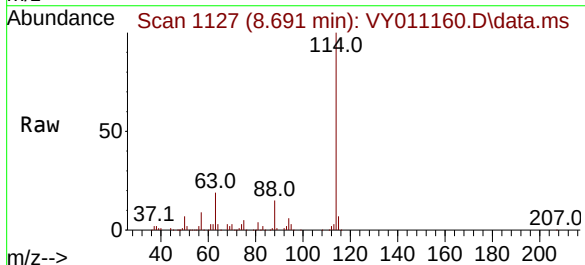
Tgt Ion: 114 Resp: 165348

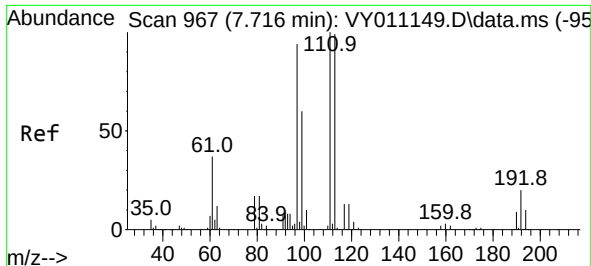
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.7 0.0 31.8

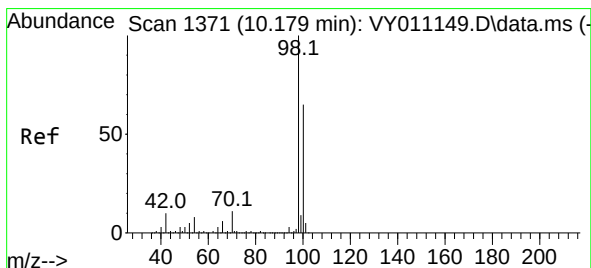
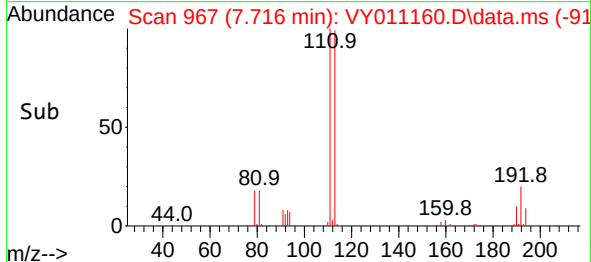
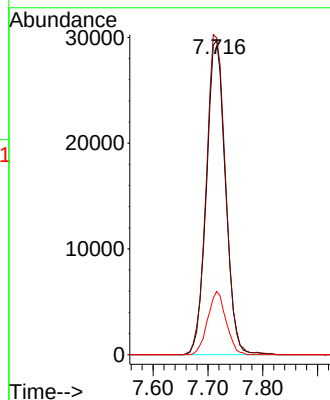
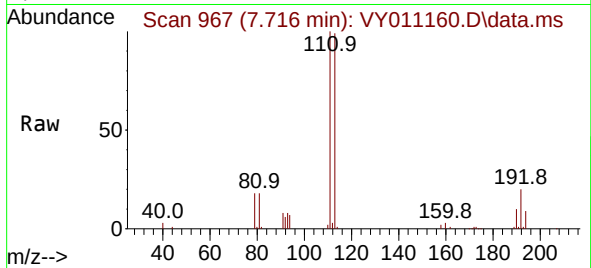




#35
Dibromofluoromethane
Concen: 70.345 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011160.D
Acq: 28 Oct 2022 16:33

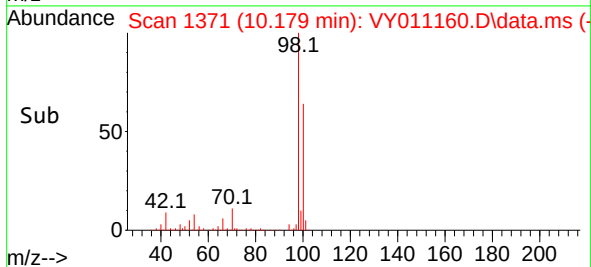
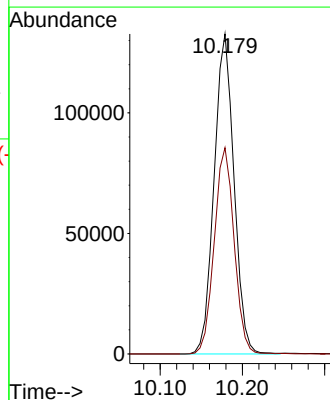
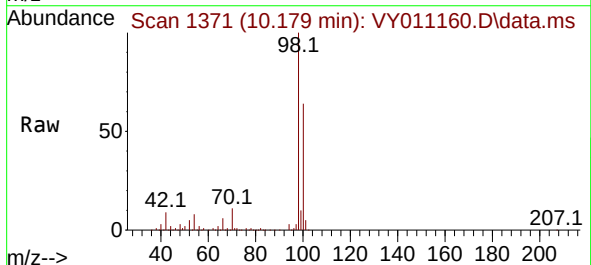
Instrument :
MSVOA_Y
ClientSampleId :
PL-2-102622

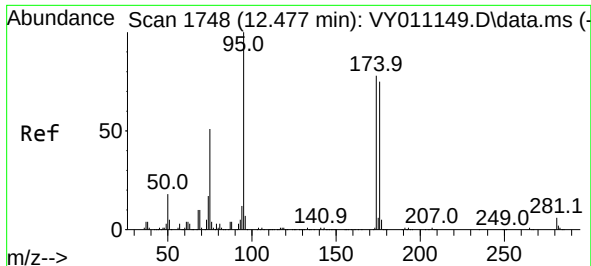
Tgt Ion:113 Resp: 71529
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 55.352 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011160.D
Acq: 28 Oct 2022 16:33

Tgt Ion: 98 Resp: 222977
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

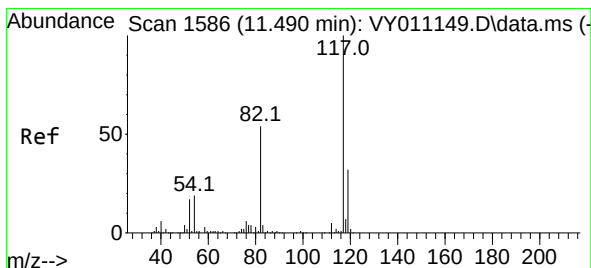
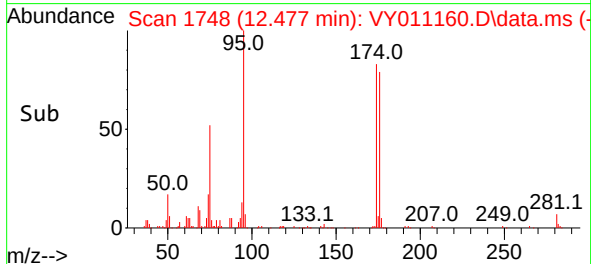
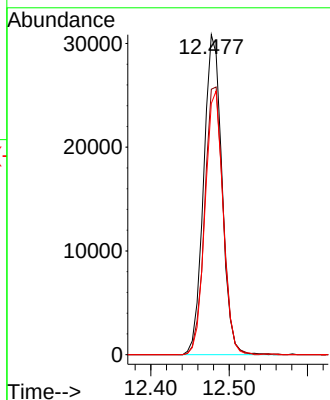
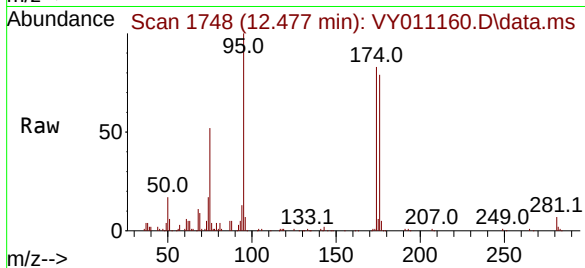




#62
4-Bromofluorobenzene
Concen: 37.897 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011160.D
Acq: 28 Oct 2022 16:33

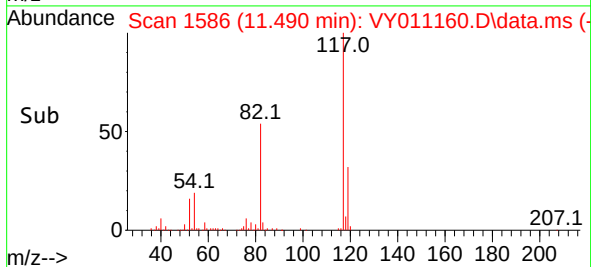
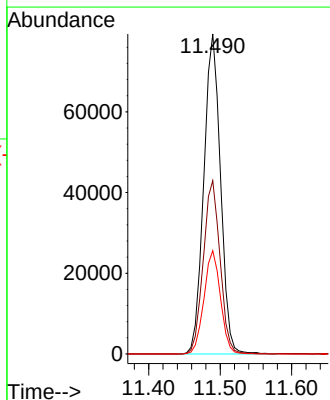
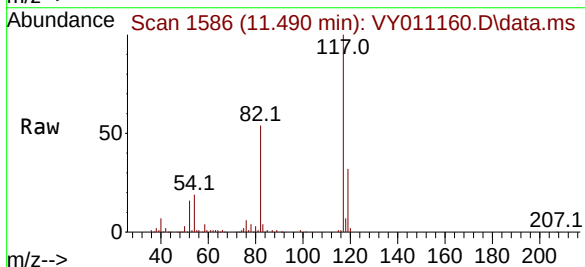
Instrument :
MSVOA_Y
ClientSampleId :
PL-2-102622

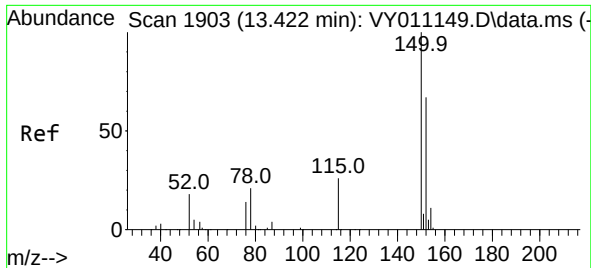
Tgt Ion: 95 Resp: 49952
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 81.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011160.D
Acq: 28 Oct 2022 16:33

Tgt Ion: 117 Resp: 128950
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011160.D

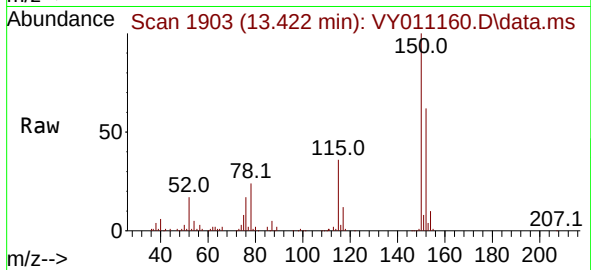
Acq: 28 Oct 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

PL-2-102622



Tgt Ion:152 Resp: 35312

Ion Ratio Lower Upper

152 100

115 60.2 28.2 84.7

150 159.6 0.0 347.6

