

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010889.D
 Acq On : 10 Oct 2022 14:48
 Operator : KP/MD
 Sample : N5046-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-1

Quant Time: Oct 11 09:44:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

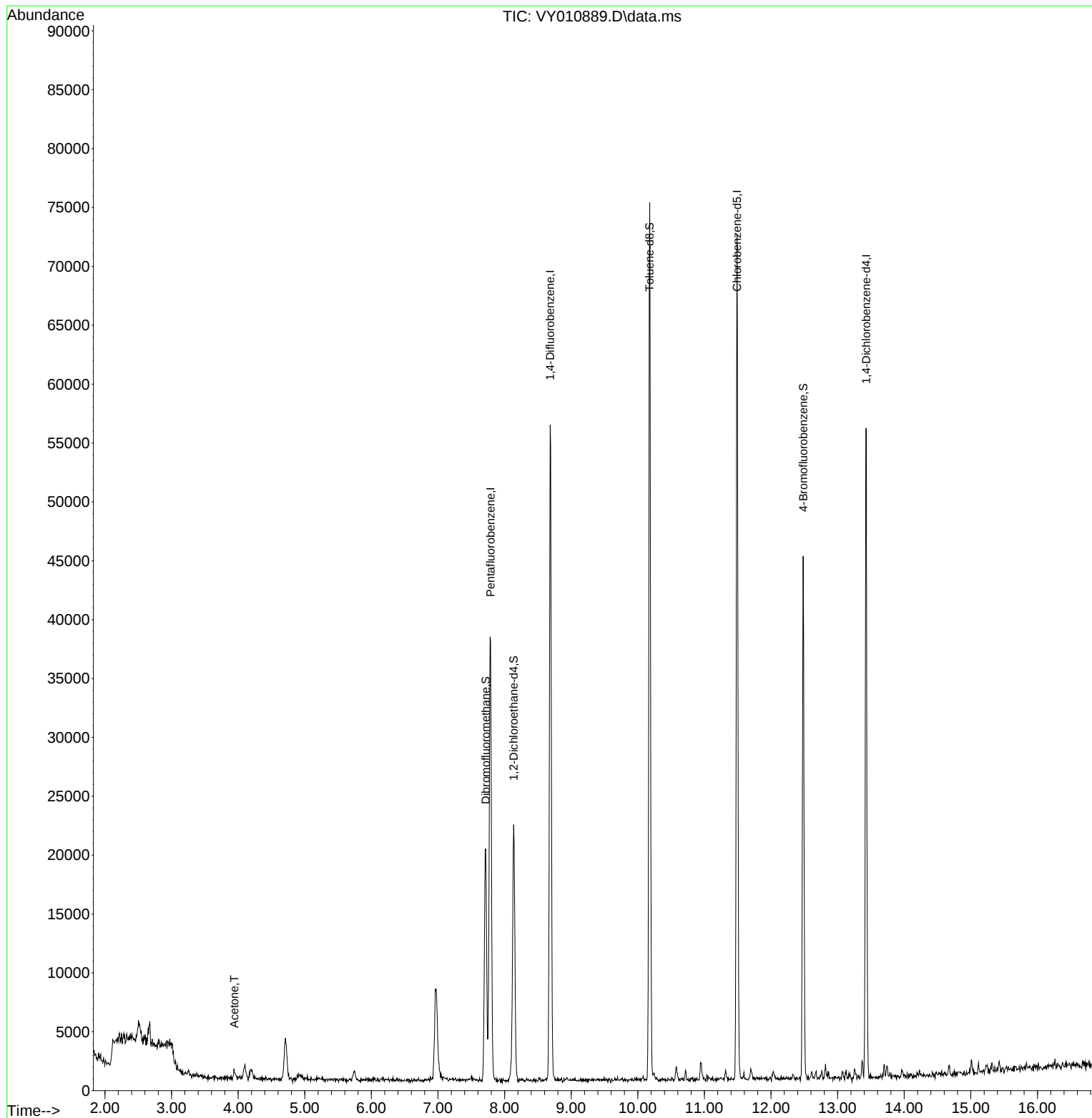
Internal Standards						
1) Pentafluorobenzene	7.789	168	30089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	49416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	40321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16347	53.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.200%
35) Dibromofluoromethane	7.716	113	14686	44.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.540%
50) Toluene-d8	10.179	98	50884	45.359	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.720%
62) 4-Bromofluorobenzene	12.483	95	13623	29.581	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.160%
Target Compounds						Qvalue
16) Acetone	3.942	43	1177	15.195	ug/l	# 88

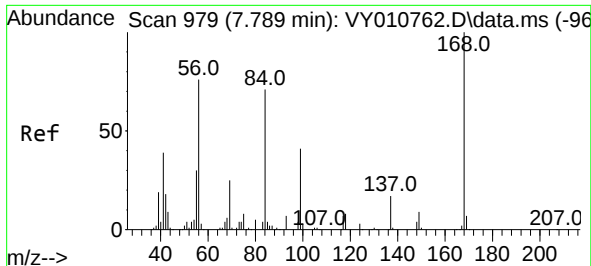
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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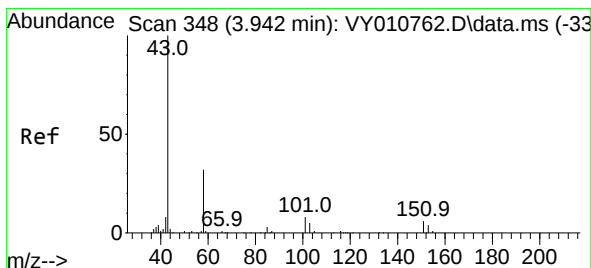
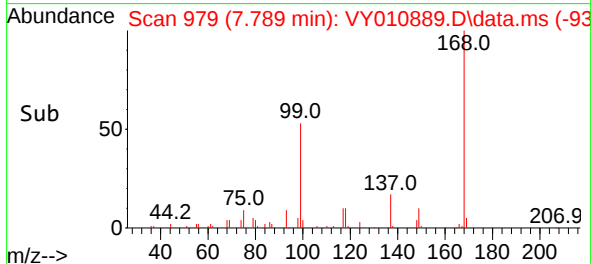
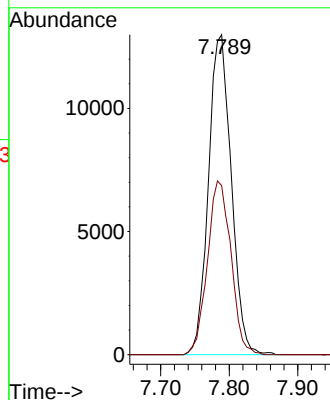
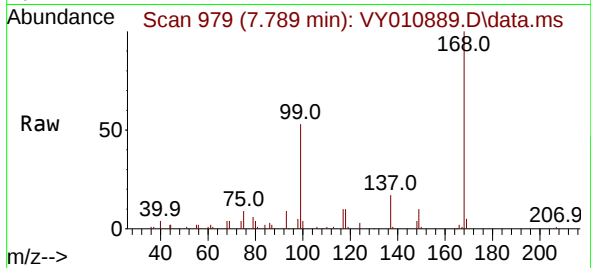




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010889.D
Acq: 10 Oct 2022 14:48

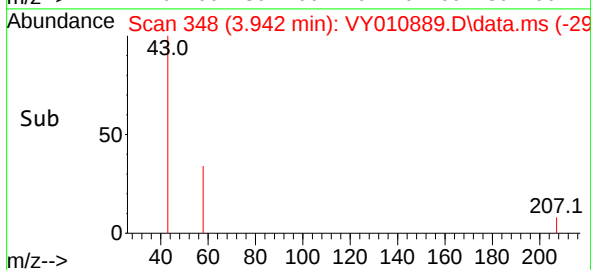
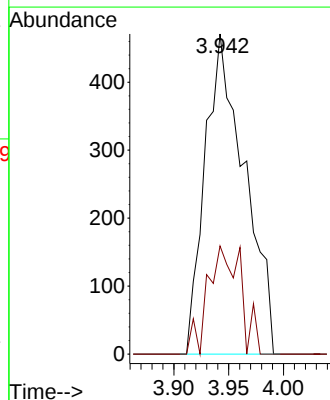
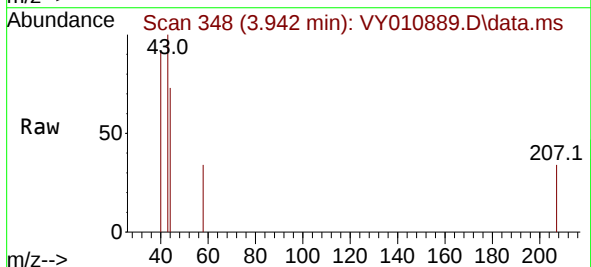
Instrument :
MSVOA_Y
ClientSampleId :
R-1

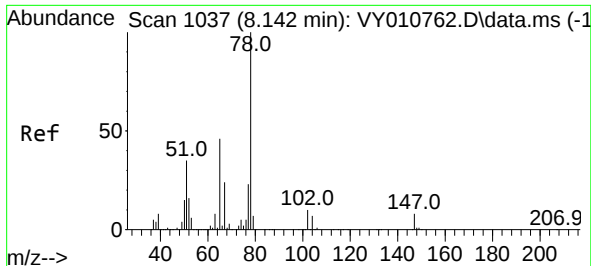
Tgt Ion:168 Resp: 30089
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#16
Acetone
Concen: 15.195 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010889.D
Acq: 10 Oct 2022 14:48

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 33.8 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 53.599 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010889.D

Acq: 10 Oct 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

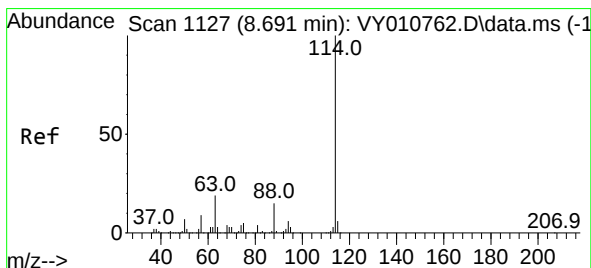
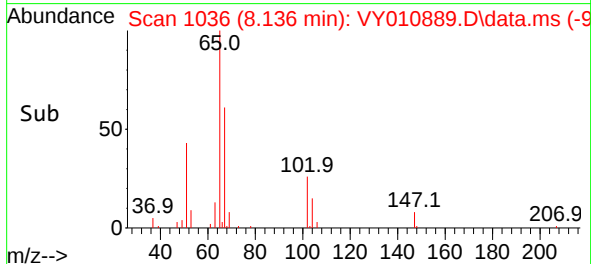
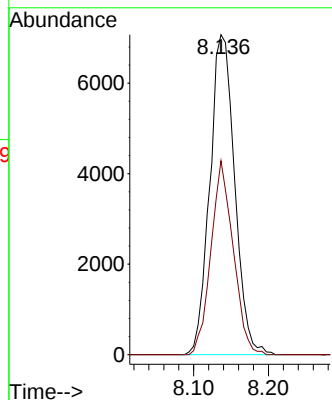
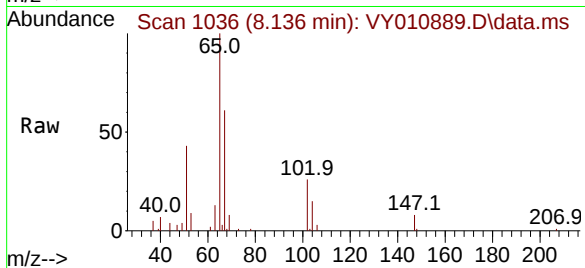
R-1

Tgt Ion: 65 Resp: 16347

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010889.D

Acq: 10 Oct 2022 14:48

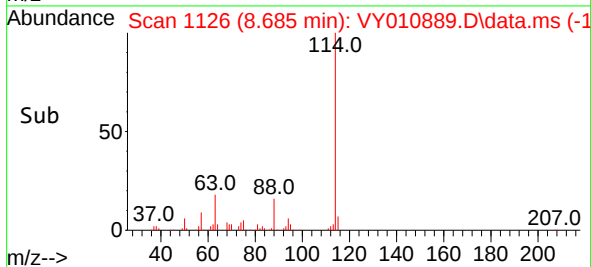
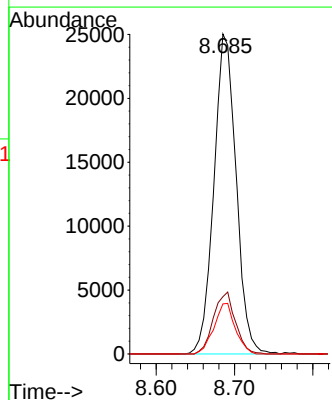
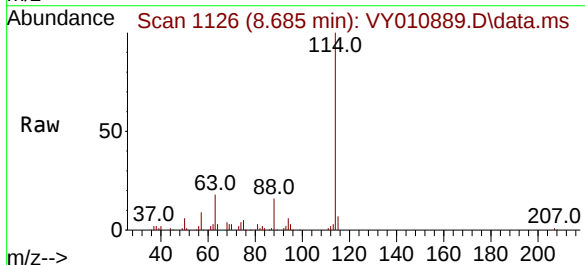
Tgt Ion: 114 Resp: 49416

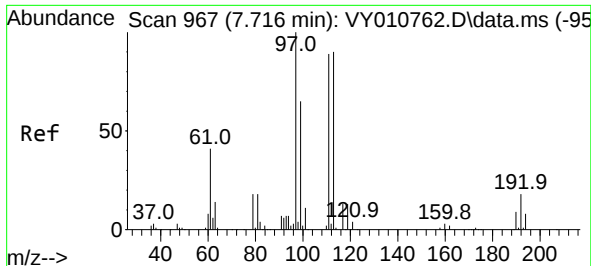
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 15.7 0.0 31.8

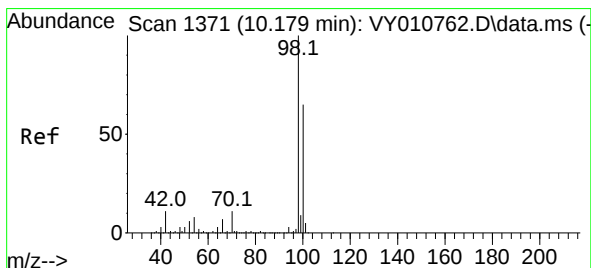
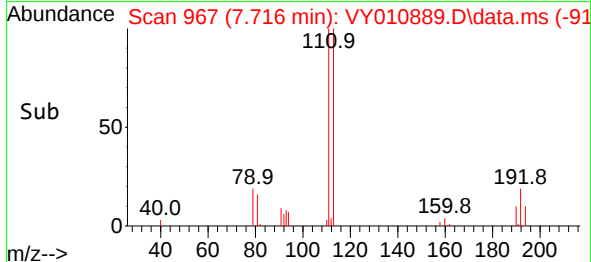
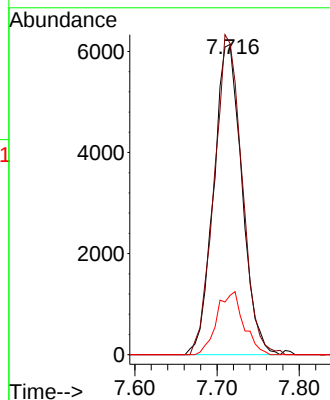
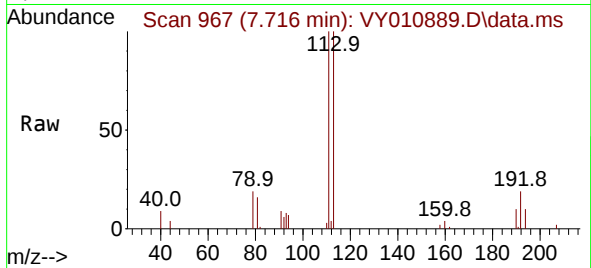




#35
Dibromofluoromethane
Concen: 44.771 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010889.D
Acq: 10 Oct 2022 14:48

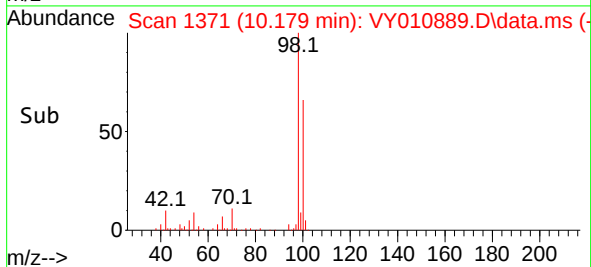
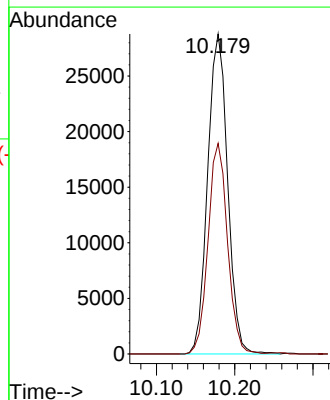
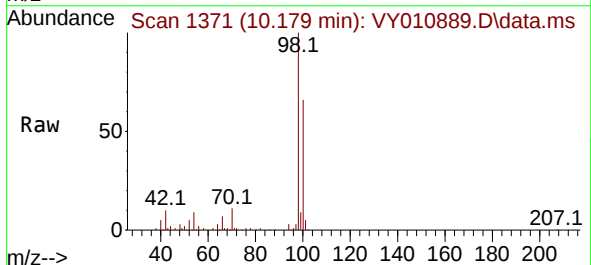
Instrument :
MSVOA_Y
ClientSampleId :
R-1

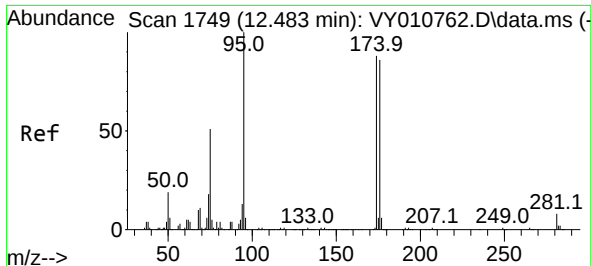
Tgt Ion:113 Resp: 14686
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 19.2 17.6 26.4



#50
Toluene-d8
Concen: 45.359 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010889.D
Acq: 10 Oct 2022 14:48

Tgt Ion: 98 Resp: 50884
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

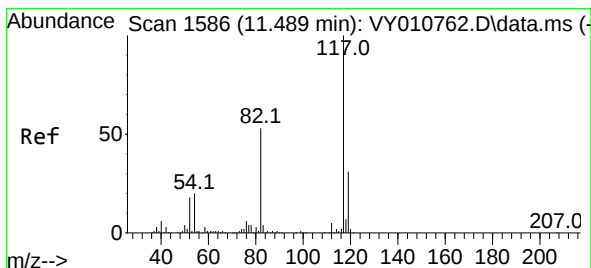
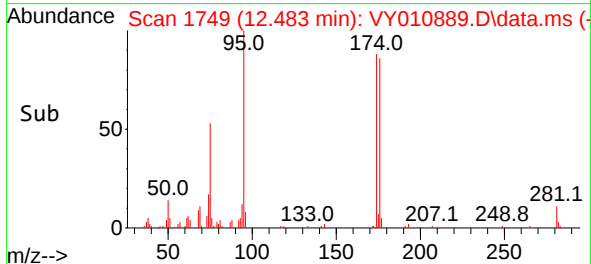
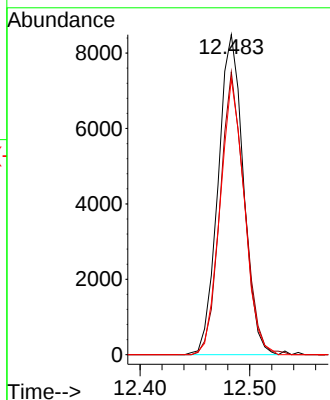
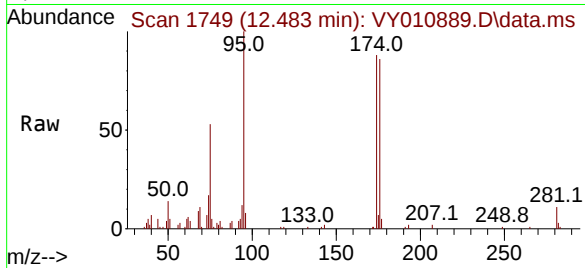




#62
4-Bromofluorobenzene
Concen: 29.581 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010889.D
Acq: 10 Oct 2022 14:48

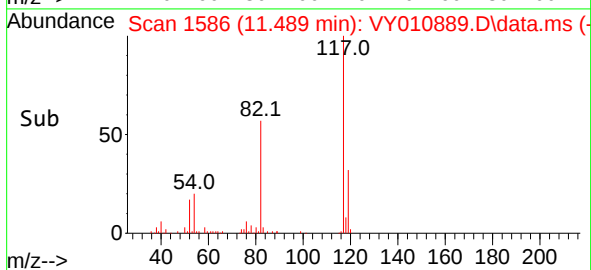
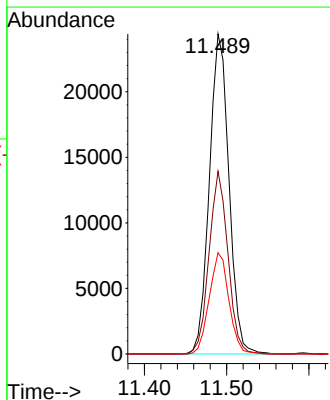
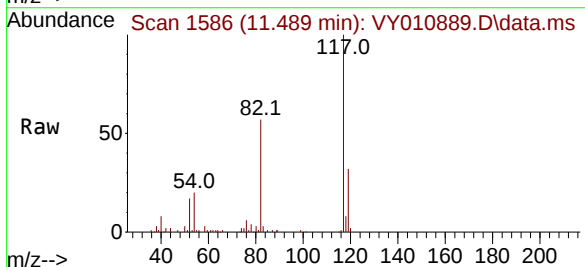
Instrument :
MSVOA_Y
ClientSampleId :
R-1

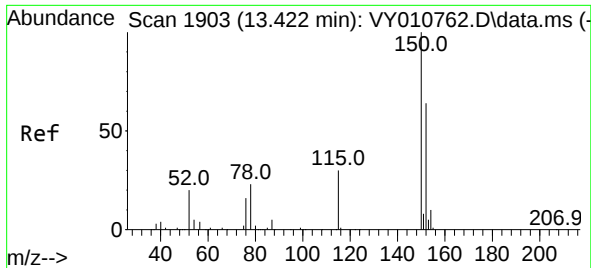
Tgt Ion: 95 Resp: 13623
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 82.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010889.D
Acq: 10 Oct 2022 14:48

Tgt Ion: 117 Resp: 40321
Ion Ratio Lower Upper
117 100
82 57.1 43.0 64.4
119 31.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010889.D

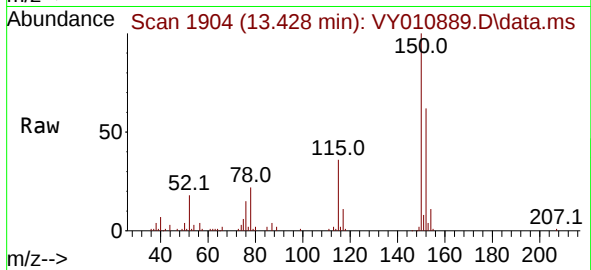
Acq: 10 Oct 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

R-1



Tgt Ion:152 Resp: 14571

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 157.6 0.0 347.6

