

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011848.D
 Acq On : 14 Dec 2022 16:19
 Operator : KP/MD
 Sample : N6038-01
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-29-(2.5-4.5)

Quant Time: Dec 15 01:21:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

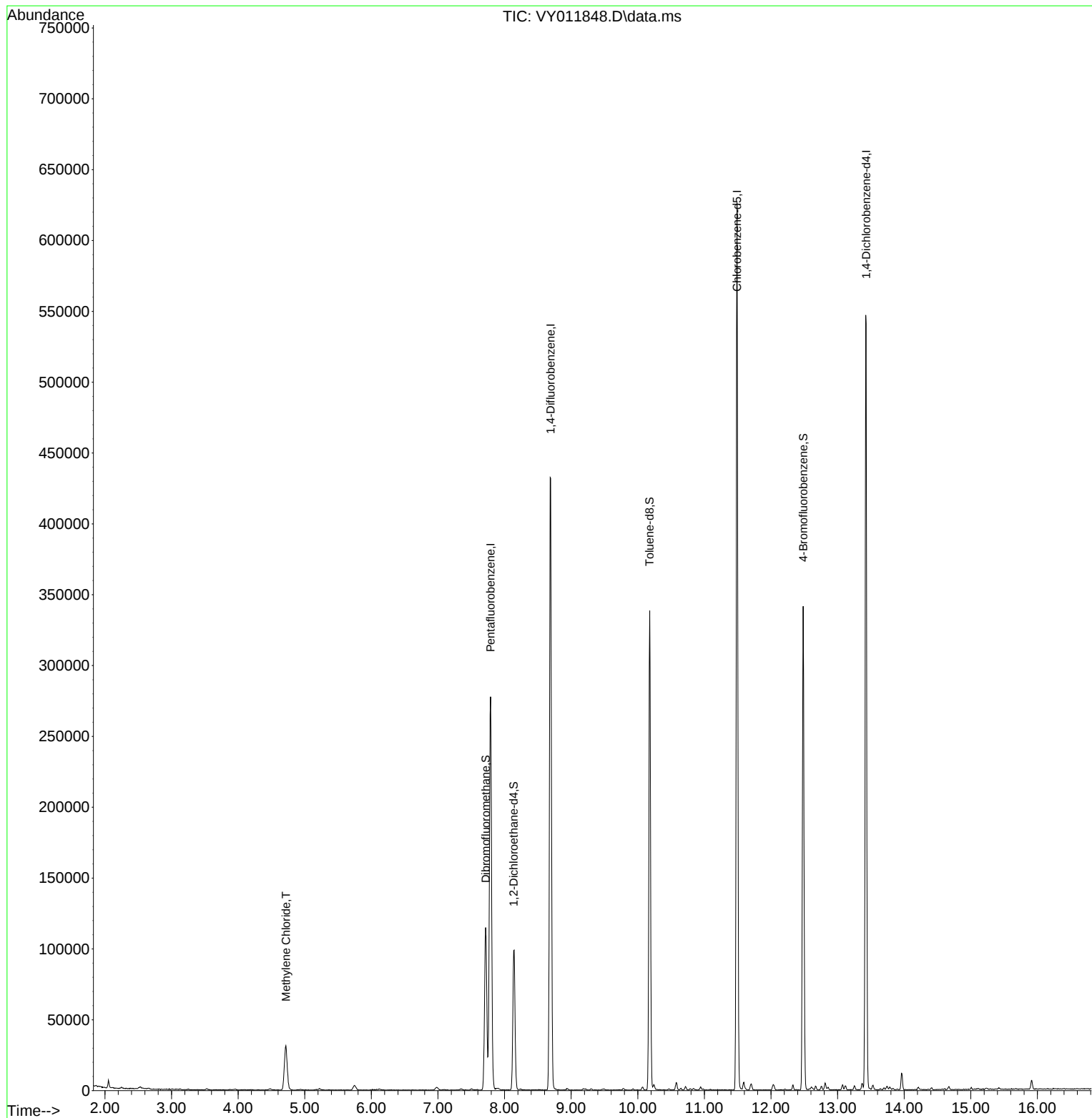
Internal Standards						
1) Pentafluorobenzene	7.789	168	217705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	377200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	332632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	79450	53.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.700%
35) Dibromofluoromethane	7.716	113	80889	48.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.179	98	224700	39.501	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.000%
62) 4-Bromofluorobenzene	12.483	95	87313	38.912	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.820%
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	24275	6.342	ug/l	91

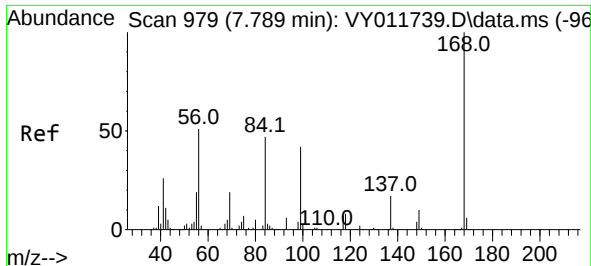
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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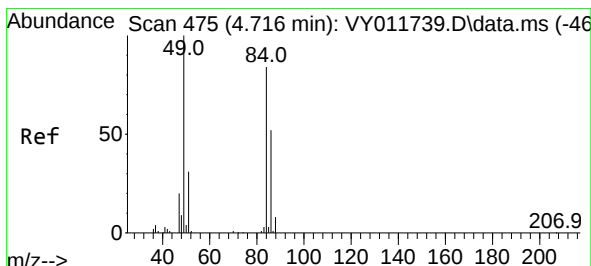
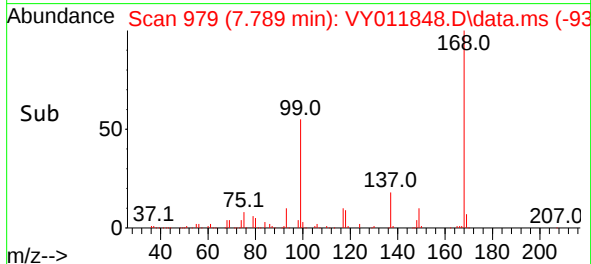
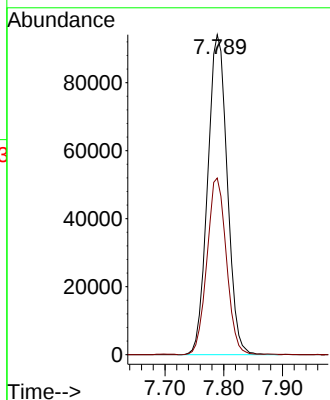
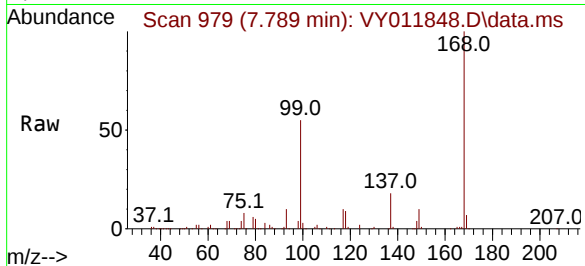




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011848.D
Acq: 14 Dec 2022 16:19

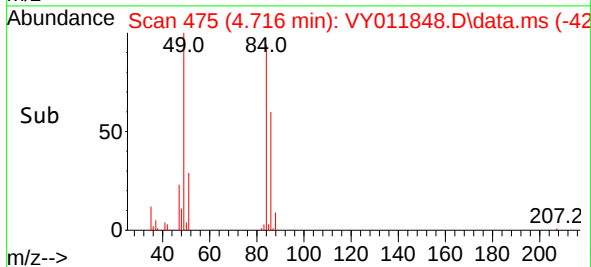
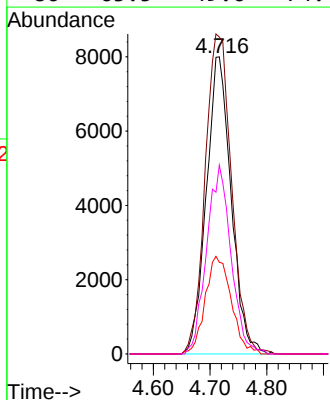
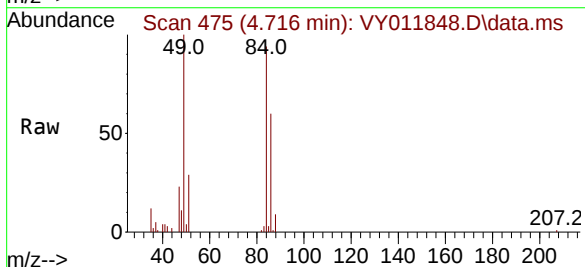
Instrument :
MSVOA_Y
ClientSampleId :
RB-29-(2.5-4.5)

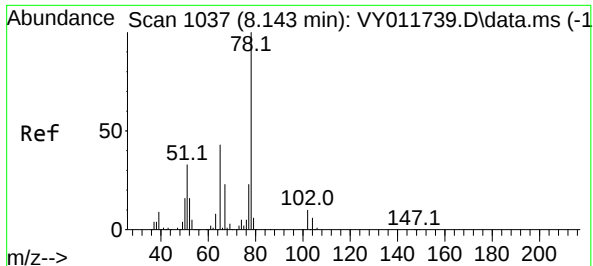
Tgt Ion:168 Resp: 217705
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0



#20
Methylene Chloride
Concen: 6.342 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011848.D
Acq: 14 Dec 2022 16:19

Tgt Ion: 84 Resp: 24275
Ion Ratio Lower Upper
84 100
49 106.7 95.4 143.2
51 30.9 29.9 44.9
86 63.5 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 53.850 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY011848.D

Acq: 14 Dec 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

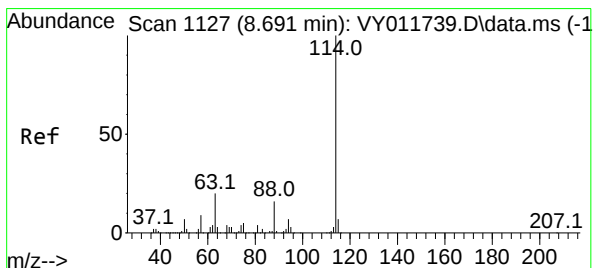
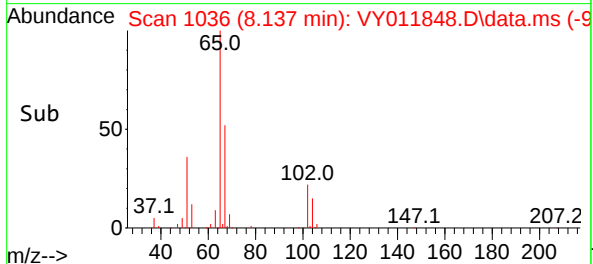
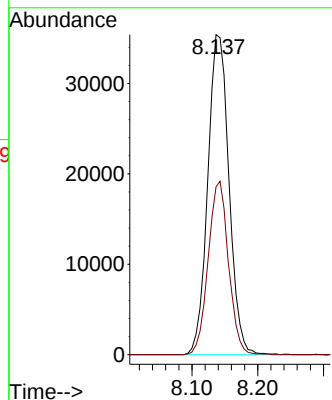
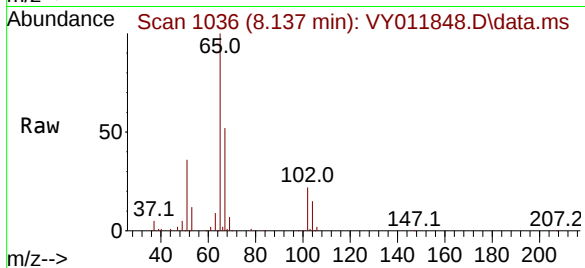
RB-29-(2.5-4.5)

Tgt Ion: 65 Resp: 79450

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011848.D

Acq: 14 Dec 2022 16:19

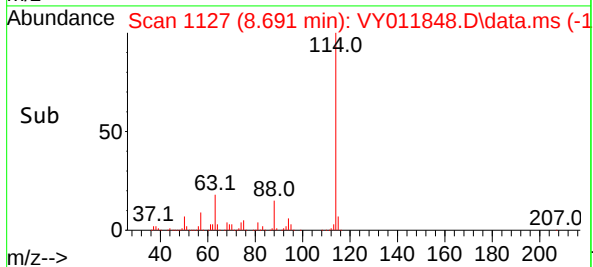
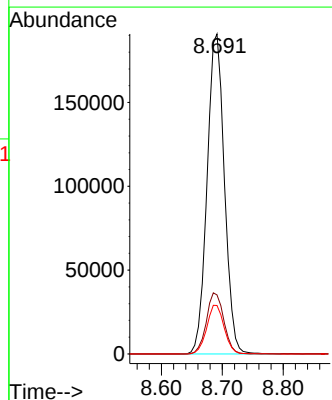
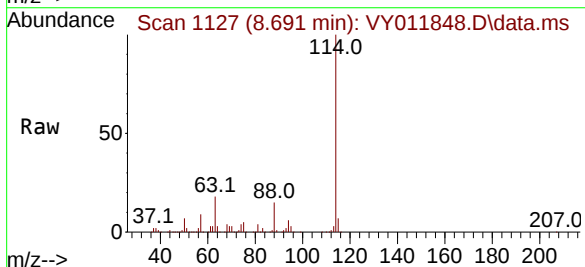
Tgt Ion: 114 Resp: 377200

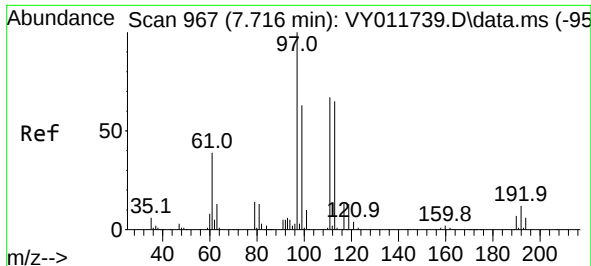
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.1 0.0 32.2

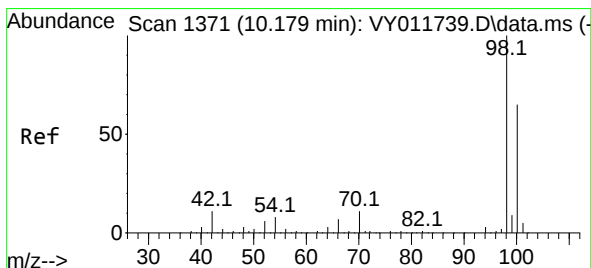
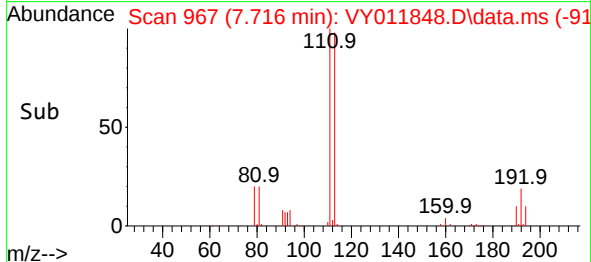
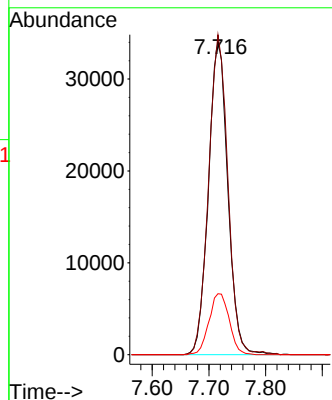
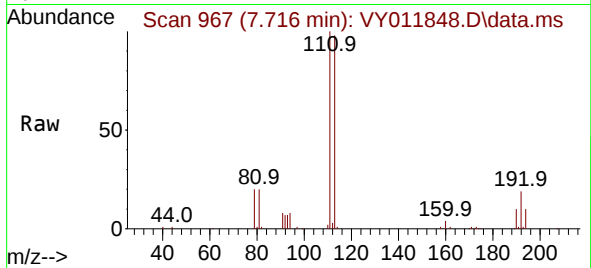




#35
Dibromofluoromethane
Concen: 48.120 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011848.D
Acq: 14 Dec 2022 16:19

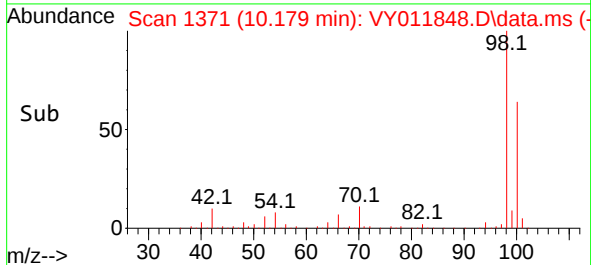
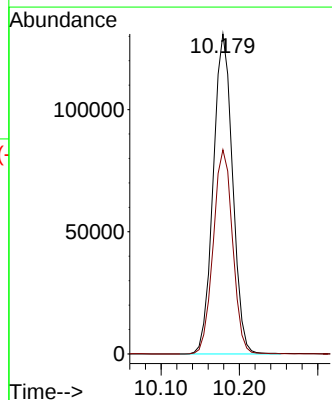
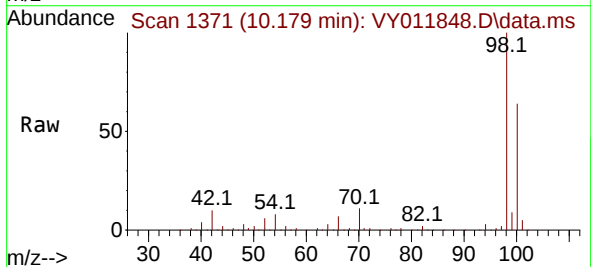
Instrument :
MSVOA_Y
ClientSampleId :
RB-29-(2.5-4.5)

Tgt Ion:113 Resp: 80889
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.4
192 20.4 16.0 24.0



#50
Toluene-d8
Concen: 39.501 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011848.D
Acq: 14 Dec 2022 16:19

Tgt Ion: 98 Resp: 224700
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

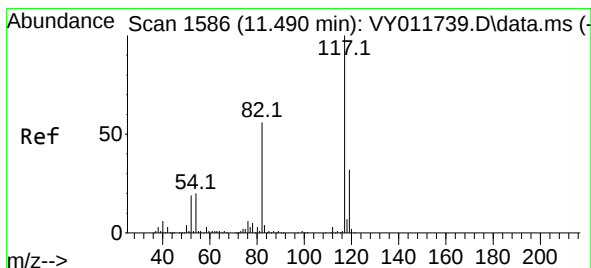
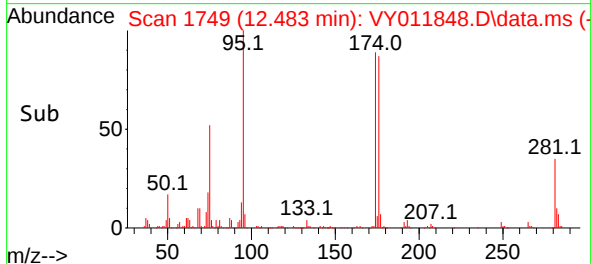
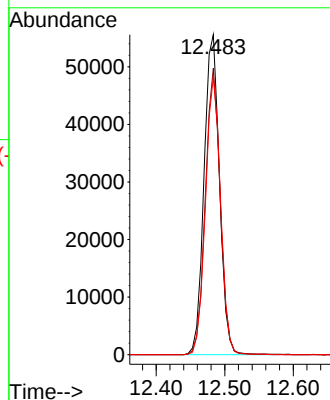
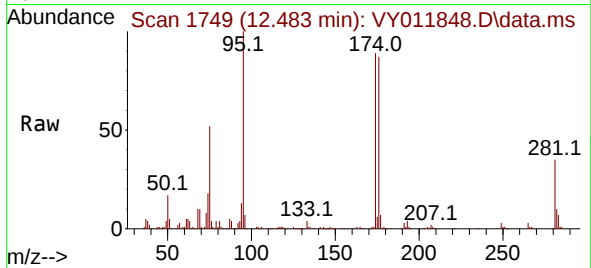




#62
4-Bromofluorobenzene
Concen: 38.912 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011848.D
Acq: 14 Dec 2022 16:19

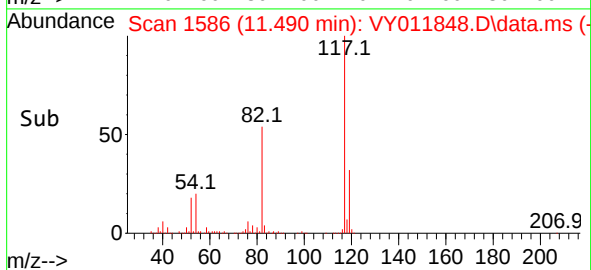
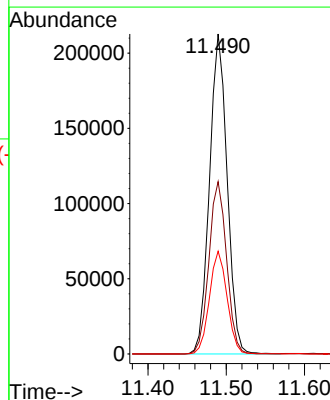
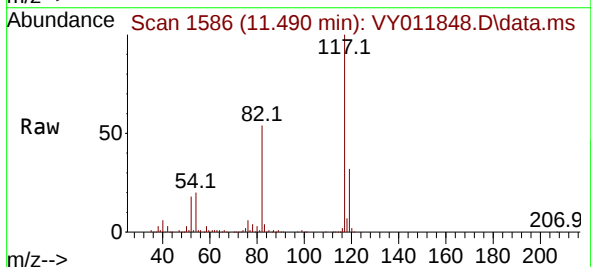
Instrument :
MSVOA_Y
ClientSampleId :
RB-29-(2.5-4.5)

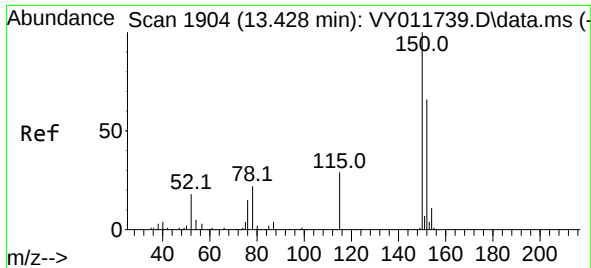
Tgt Ion: 95 Resp: 87313
Ion Ratio Lower Upper
95 100
174 86.2 0.0 172.0
176 84.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY011848.D
Acq: 14 Dec 2022 16:19

Tgt Ion: 117 Resp: 332632
Ion Ratio Lower Upper
117 100
82 53.9 44.8 67.2
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011848.D
 Acq: 14 Dec 2022 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-29-(2.5-4.5)

Tgt Ion:152 Resp: 144304
 Ion Ratio Lower Upper
 152 100
 115 57.9 29.1 87.3
 150 156.6 0.0 342.6

