

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011884.D
 Acq On : 15 Dec 2022 19:53
 Operator : KP/MD
 Sample : N6038-11RE
 Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-34-(1.5-2)RE

Quant Time: Dec 16 00:16:28 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)

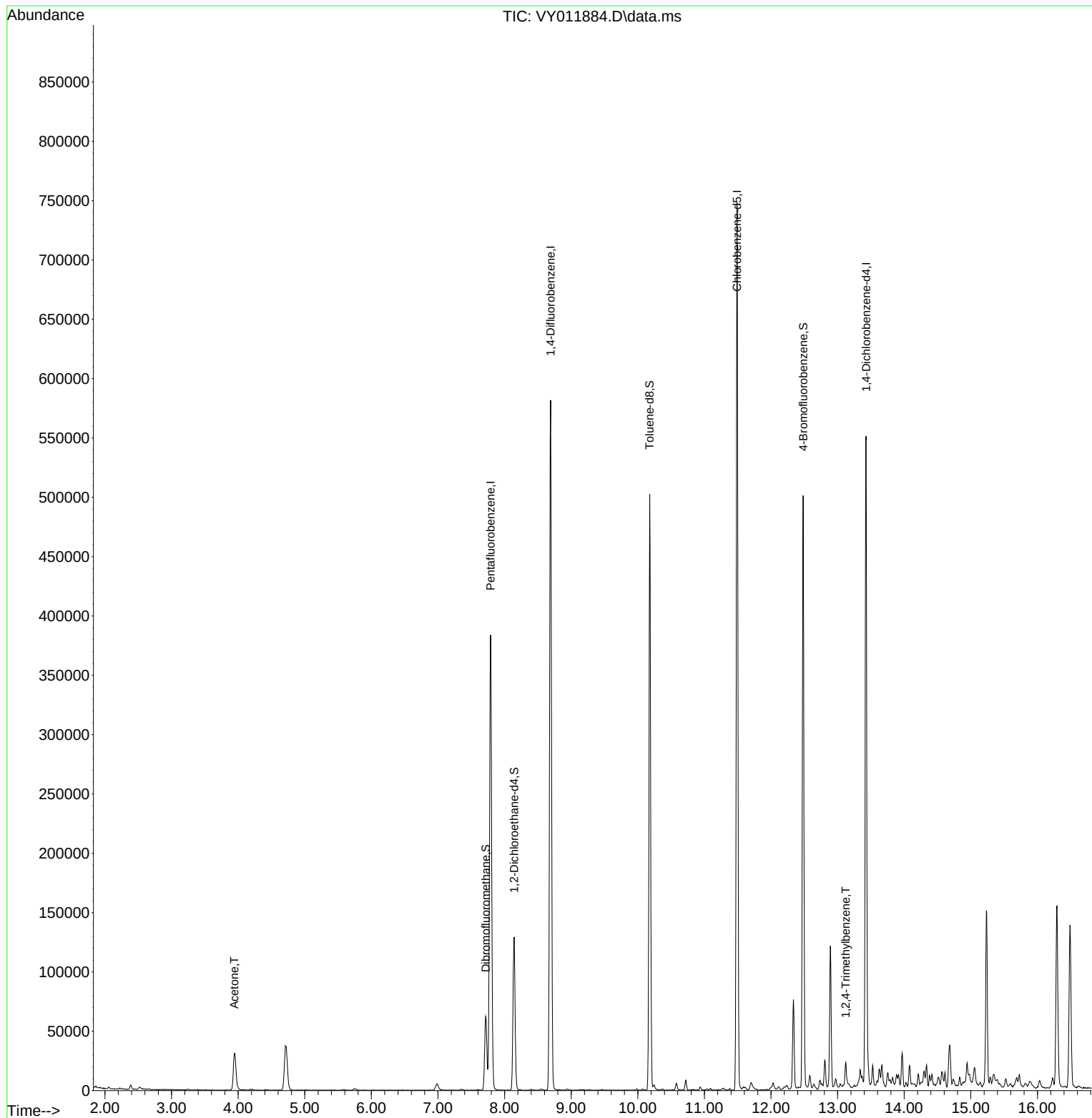
Internal Standards						
1) Pentafluorobenzene	7.789	168	295147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	501683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	405574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	100333	49.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.600%
35) Dibromofluoromethane	7.716	113	43779	17.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	34.160%#
50) Toluene-d8	10.179	98	323702	43.422	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.840%
62) 4-Bromofluorobenzene	12.483	95	144006	49.461	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.920%
Target Compounds						
16) Acetone	3.942	43	56403	69.987	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	11555	1.448	ug/l	93

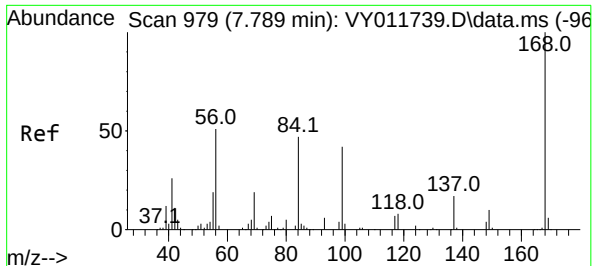
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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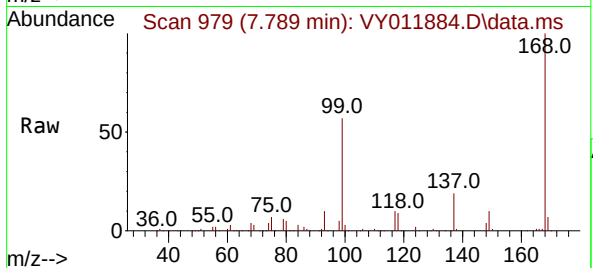
Quant Time: Dec 16 00:16:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
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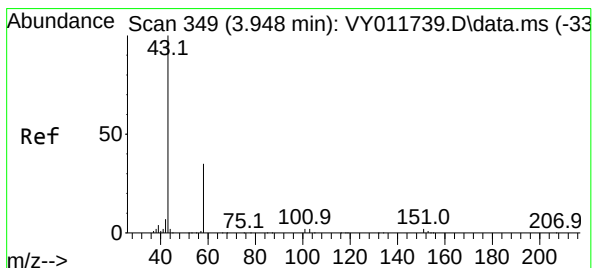
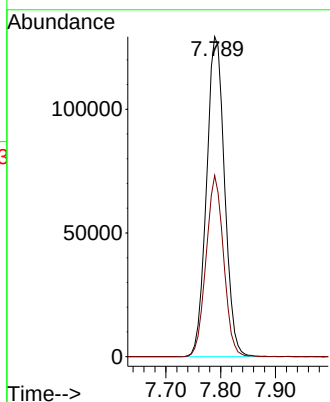
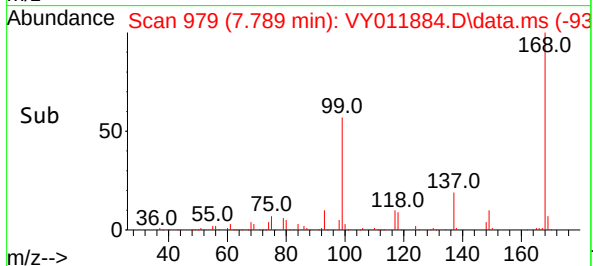


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011884.D
Acq: 15 Dec 2022 19:53

Instrument :
MSVOA_Y
ClientSampleId :
RB-34-(1.5-2)RE

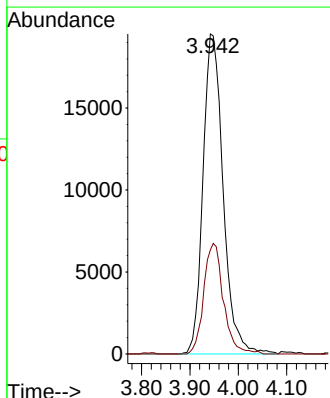
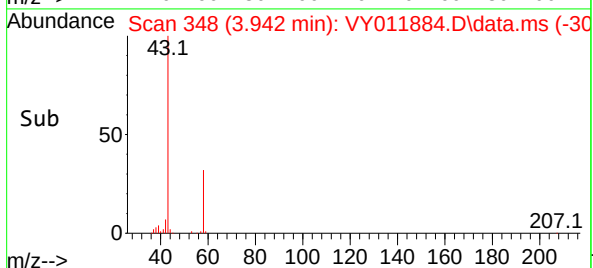
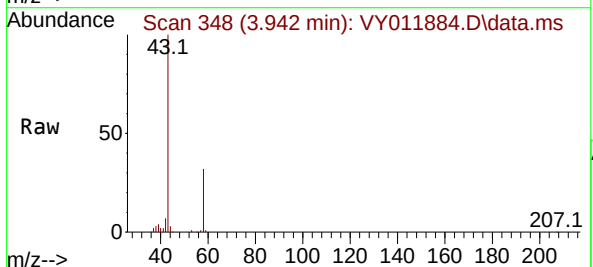


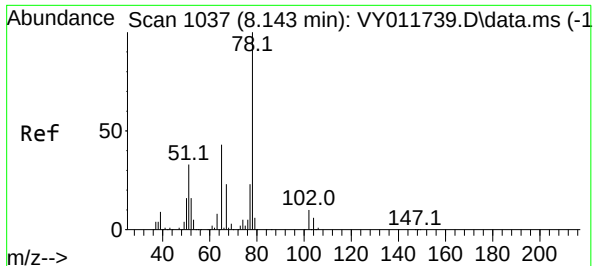
Tgt Ion:168 Resp: 295147
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#16
Acetone
Concen: 69.987 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011884.D
Acq: 15 Dec 2022 19:53

Tgt Ion: 43 Resp: 56403
Ion Ratio Lower Upper
43 100
58 32.5 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 49.797 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011884.D

Acq: 15 Dec 2022 19:53

Instrument :

MSVOA_Y

ClientSampleId :

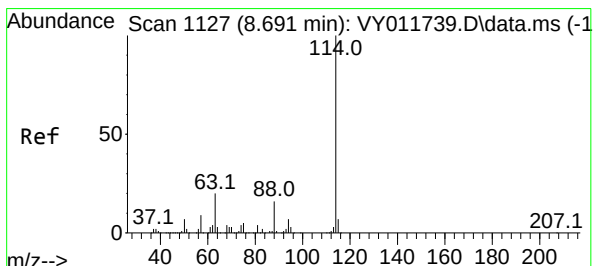
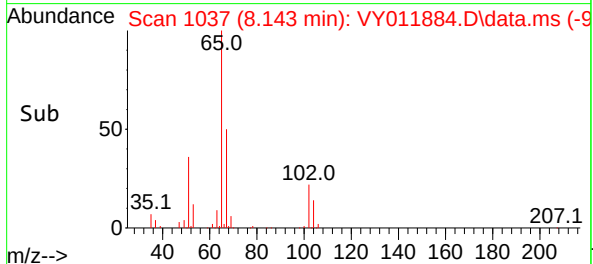
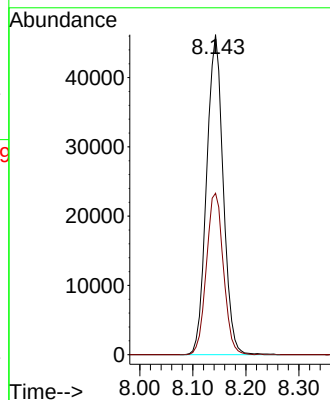
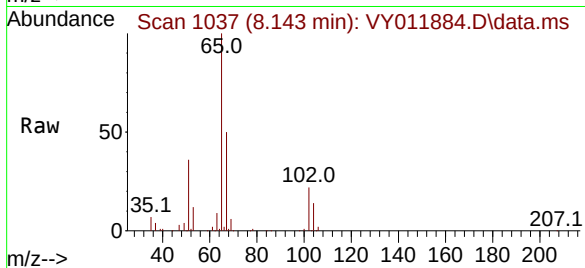
RB-34-(1.5-2)RE

Tgt Ion: 65 Resp: 100333

Ion Ratio Lower Upper

65 100

67 51.7 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: VY011884.D

Acq: 15 Dec 2022 19:53

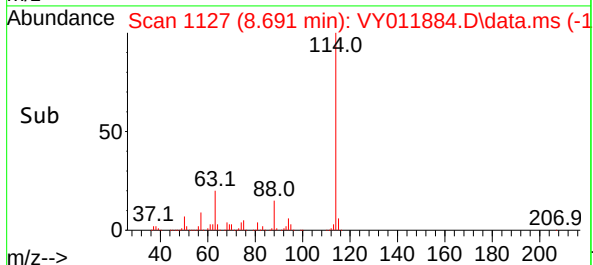
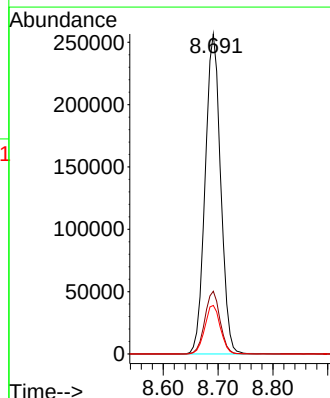
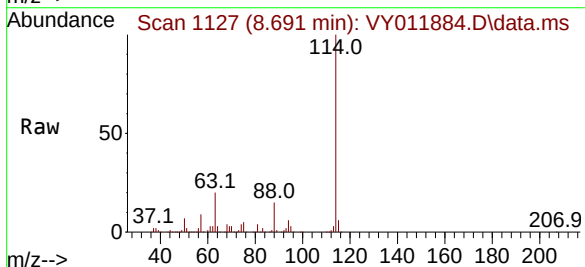
Tgt Ion: 114 Resp: 501683

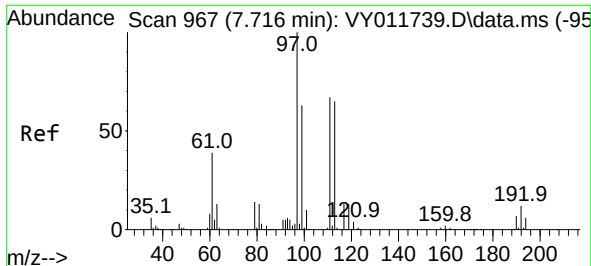
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.2 0.0 32.2

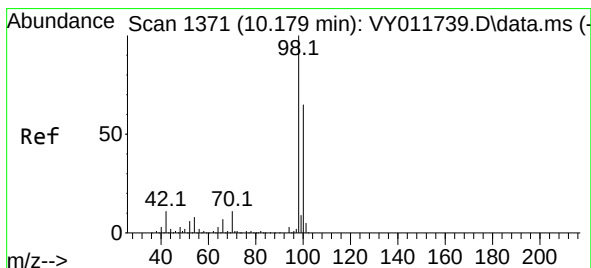
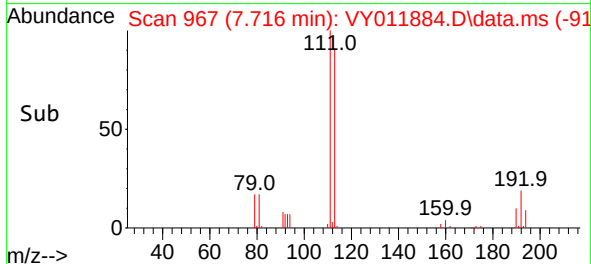
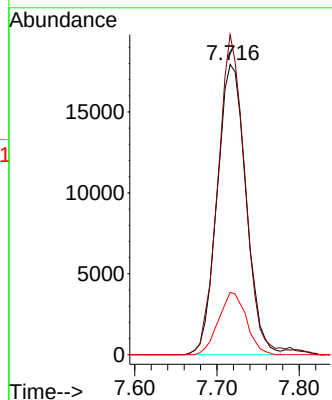
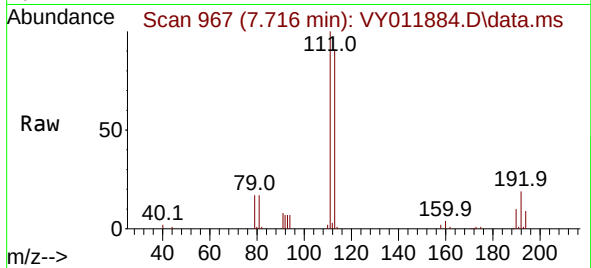




#35
Dibromofluoromethane
Concen: 17.081 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011884.D
Acq: 15 Dec 2022 19:53

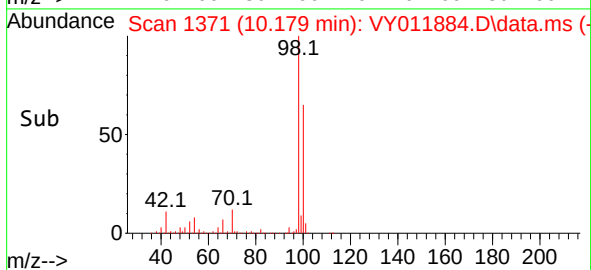
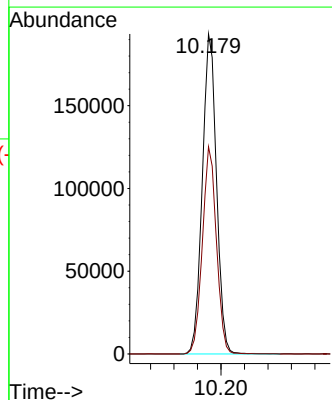
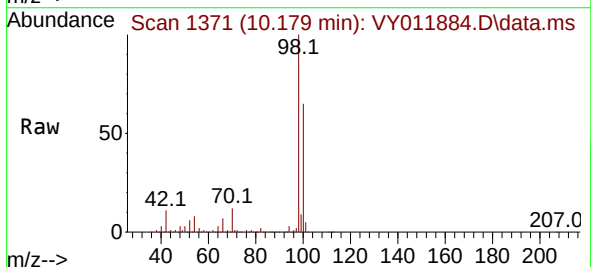
Instrument :
MSVOA_Y
ClientSampleId :
RB-34-(1.5-2)RE

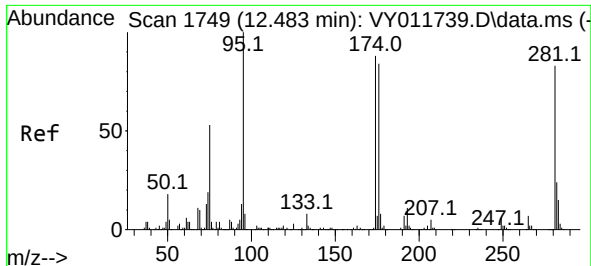
Tgt Ion:113 Resp: 43779
Ion Ratio Lower Upper
113 100
111 104.9 83.0 124.4
192 20.6 16.0 24.0



#50
Toluene-d8
Concen: 43.422 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011884.D
Acq: 15 Dec 2022 19:53

Tgt Ion: 98 Resp: 323702
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

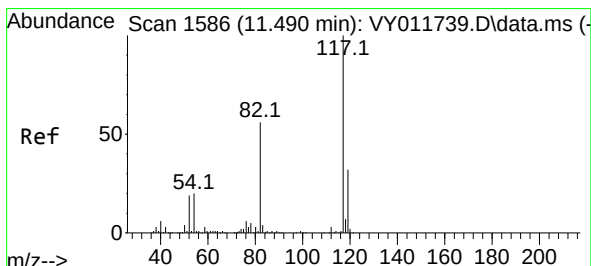
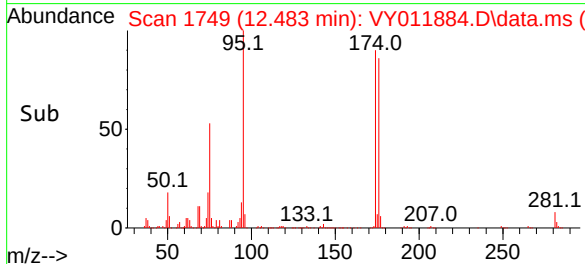
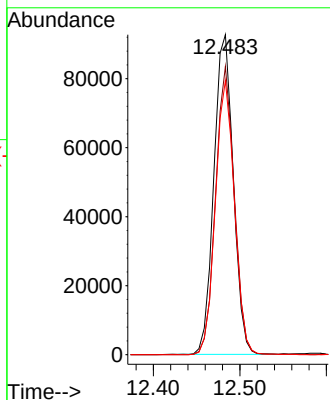
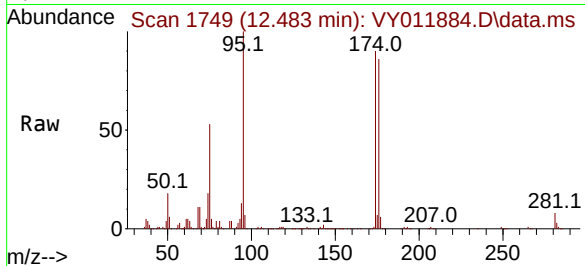




#62
4-Bromofluorobenzene
Concen: 49.461 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011884.D
Acq: 15 Dec 2022 19:53

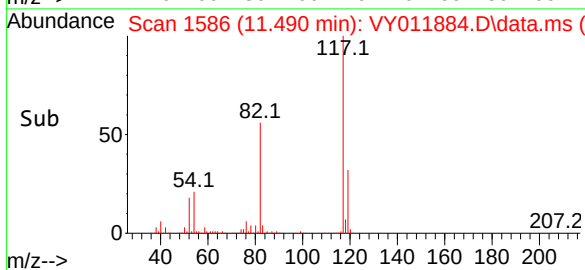
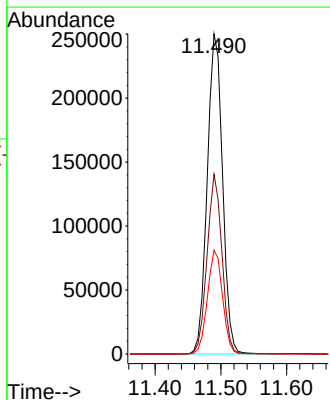
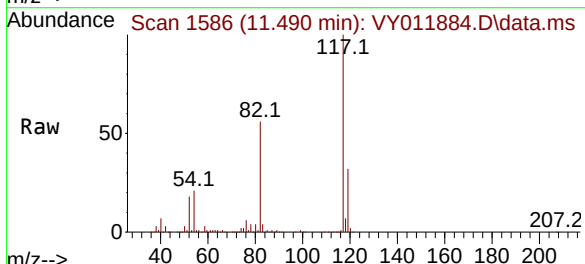
Instrument :
MSVOA_Y
ClientSampleId :
RB-34-(1.5-2)RE

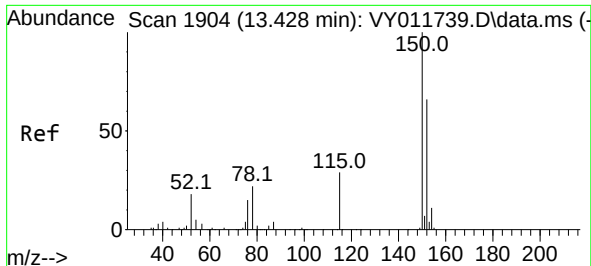
Tgt Ion: 95 Resp: 144006
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.0
176 84.6 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011884.D
Acq: 15 Dec 2022 19:53

Tgt Ion: 117 Resp: 405574
Ion Ratio Lower Upper
117 100
82 56.2 44.8 67.2
119 32.4 25.4 38.2

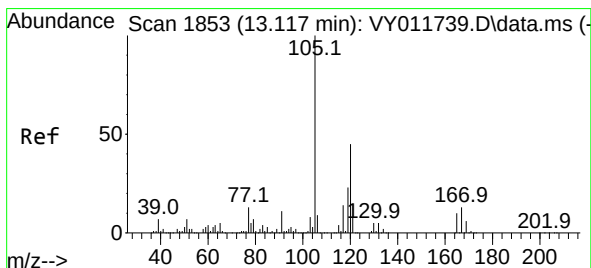
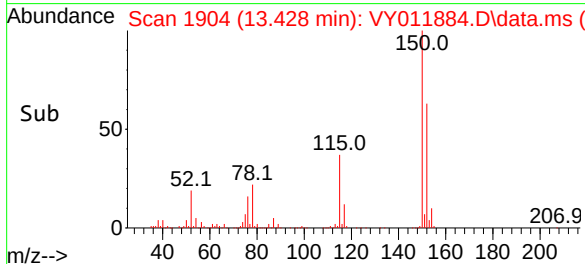
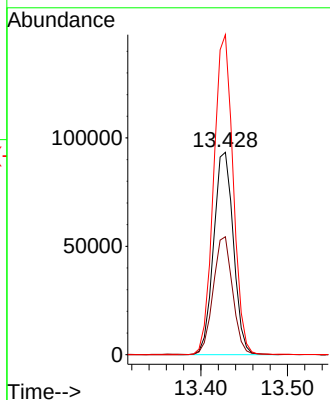
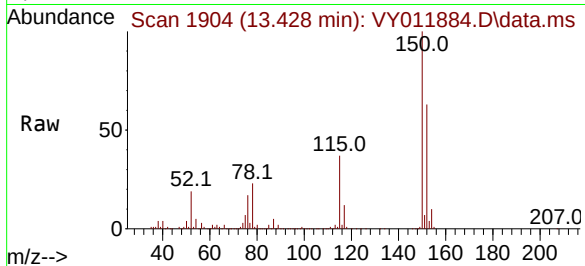




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011884.D
 Acq: 15 Dec 2022 19:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-34-(1.5-2)RE

Tgt Ion:152 Resp: 147955
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.1 87.3
 150 155.8 0.0 342.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.448 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY011884.D
 Acq: 15 Dec 2022 19:53

Tgt Ion:105 Resp: 11555
 Ion Ratio Lower Upper
 105 100
 120 41.5 22.9 68.7

