

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011878.D
 Acq On : 15 Dec 2022 17:38
 Operator : KP/MD
 Sample : N6038-24
 Misc : 3.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-41-(0-2)

Quant Time: Dec 16 00:15:37 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)

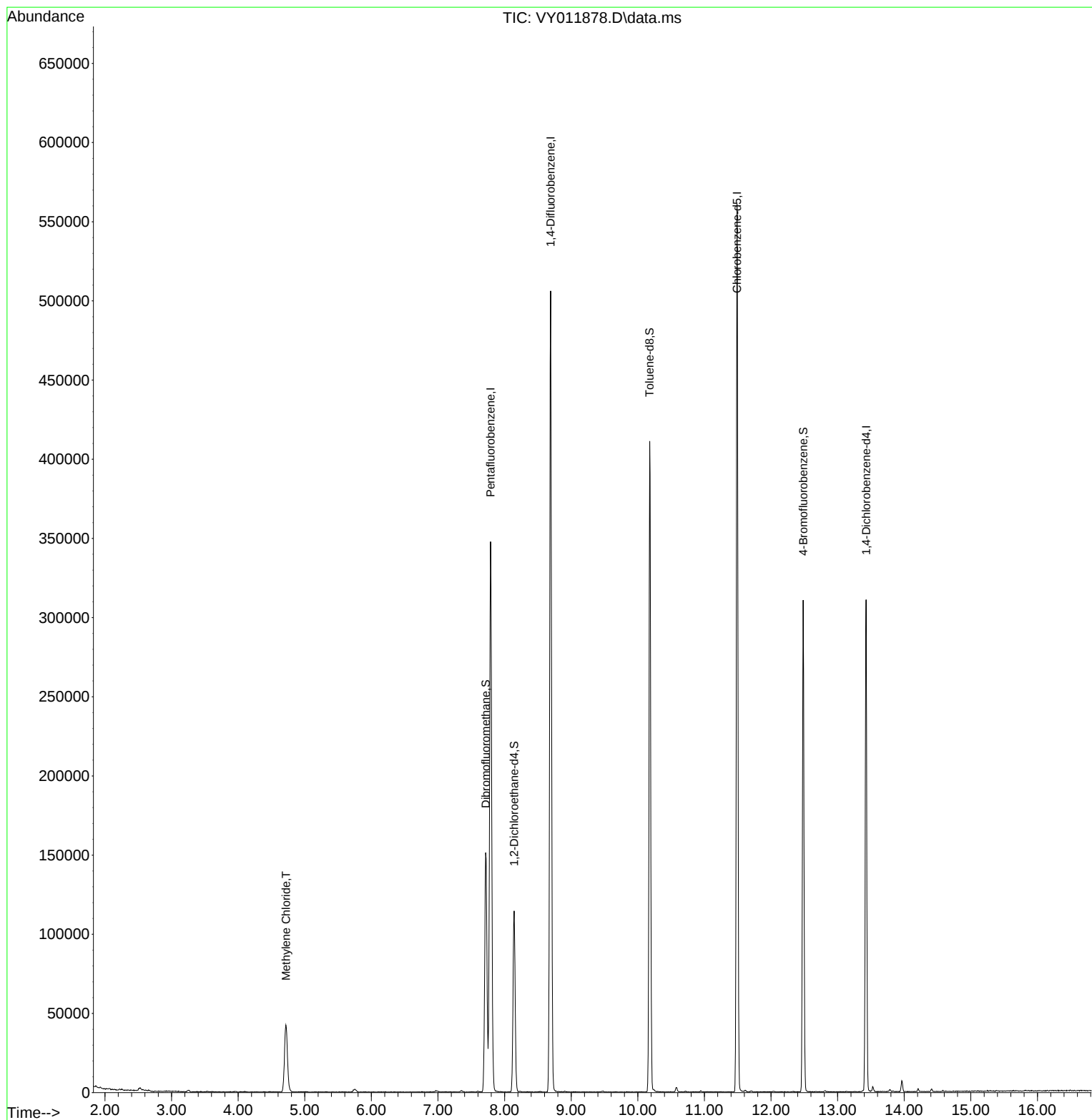
Internal Standards						
1) Pentafluorobenzene	7.789	168	265426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	421654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91135	50.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.700%
35) Dibromofluoromethane	7.715	113	106569	57.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.940%
50) Toluene-d8	10.178	98	271752	43.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.720%
62) 4-Bromofluorobenzene	12.483	95	88933	35.009	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.020%
Target Compounds						
20) Methylene Chloride	4.716	84	33217	7.932	ug/l	97

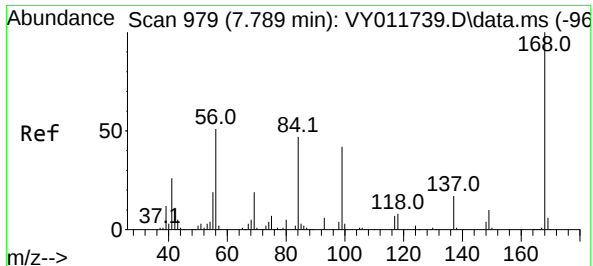
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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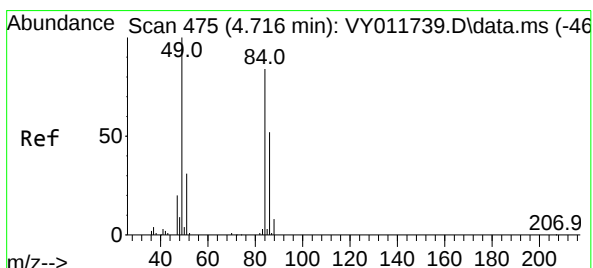
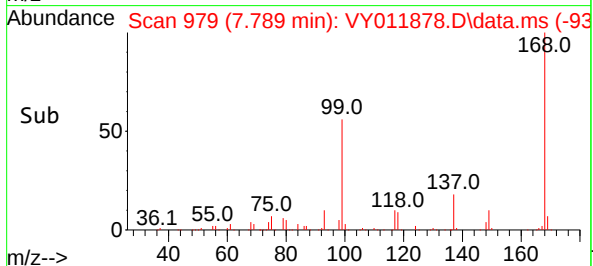
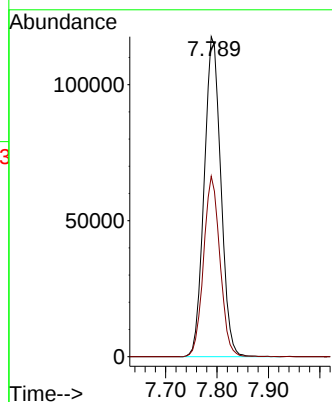
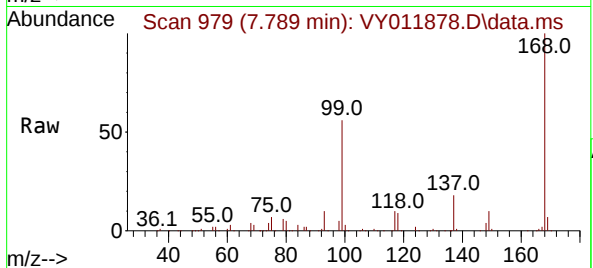




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

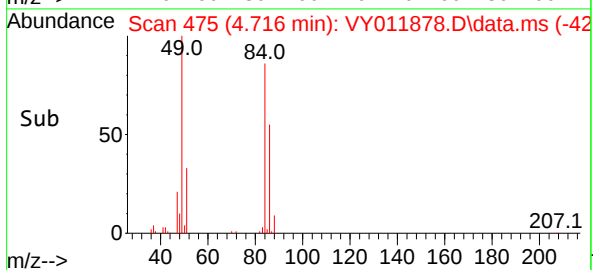
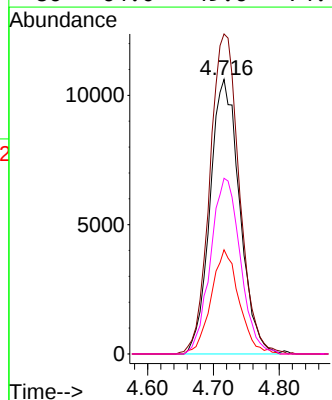
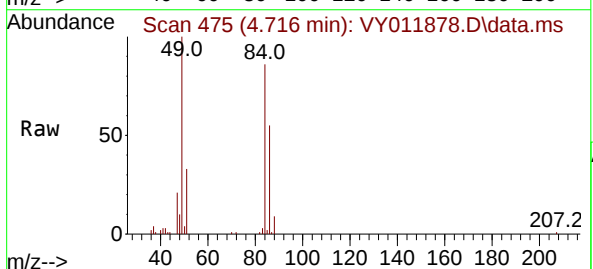
Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(0-2)

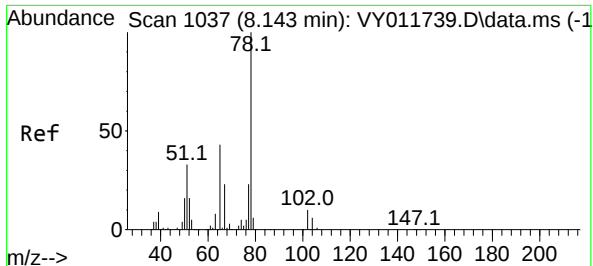
Tgt Ion:168 Resp: 265426
Ion Ratio Lower Upper
168 100
99 56.4 44.0 66.0



#20
Methylene Chloride
Concen: 7.932 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

Tgt Ion: 84 Resp: 33217
Ion Ratio Lower Upper
84 100
49 116.0 95.4 143.2
51 37.9 29.9 44.9
86 64.0 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 50.350 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011878.D

Acq: 15 Dec 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

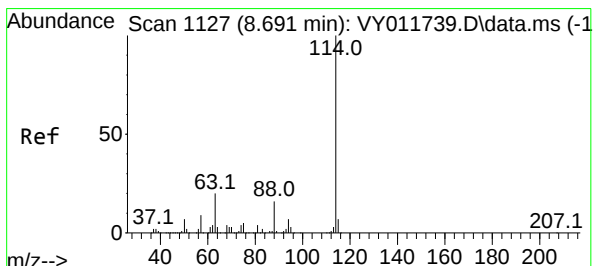
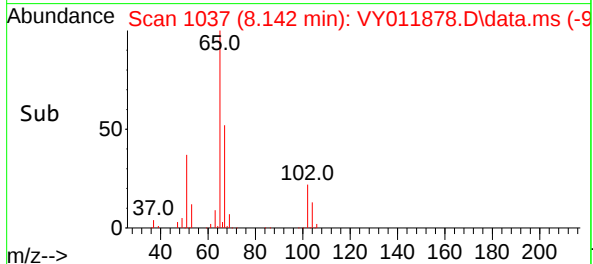
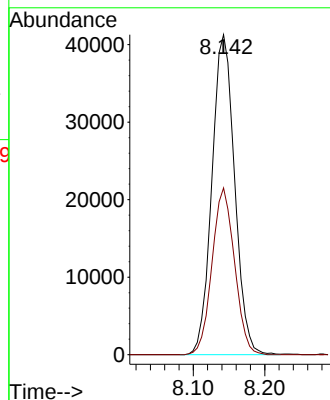
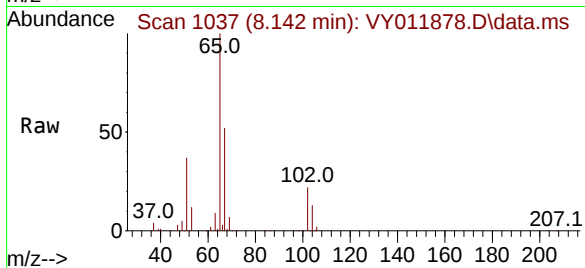
RB-41-(0-2)

Tgt Ion: 65 Resp: 91135

Ion Ratio Lower Upper

65 100

67 51.4 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: VY011878.D

Acq: 15 Dec 2022 17:38

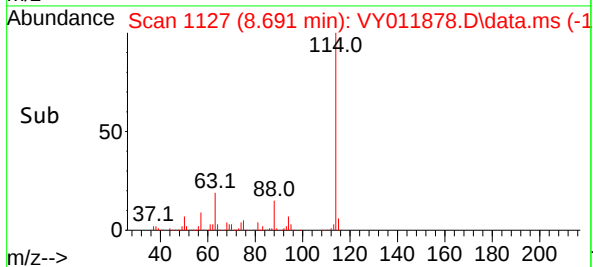
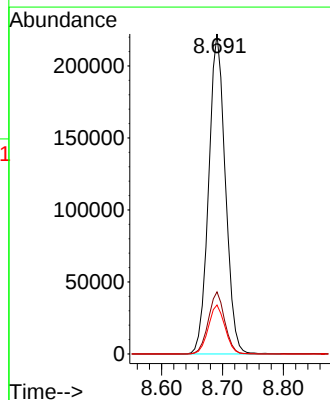
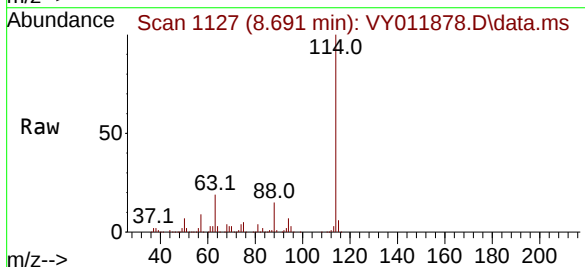
Tgt Ion: 114 Resp: 421654

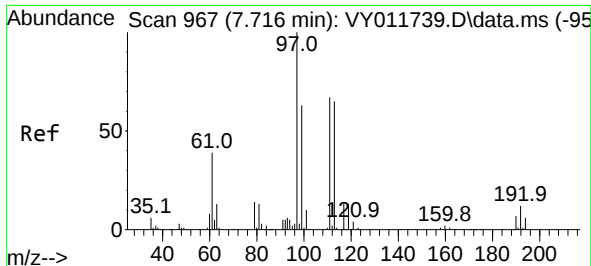
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.3 0.0 32.2

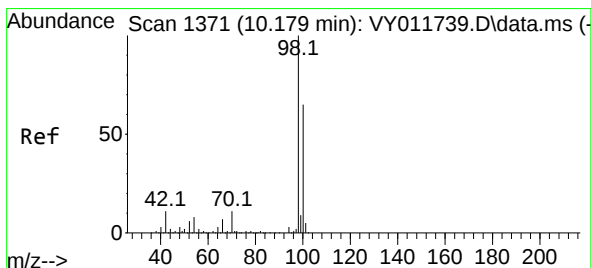
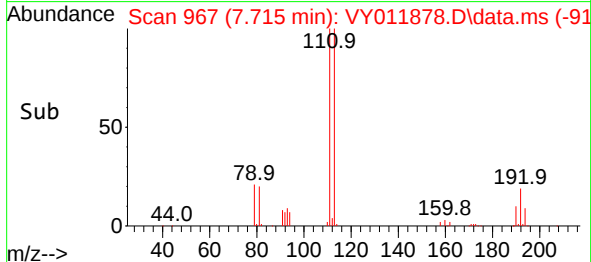
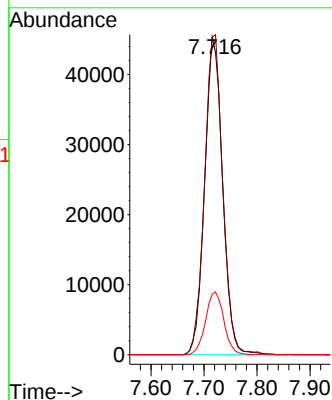
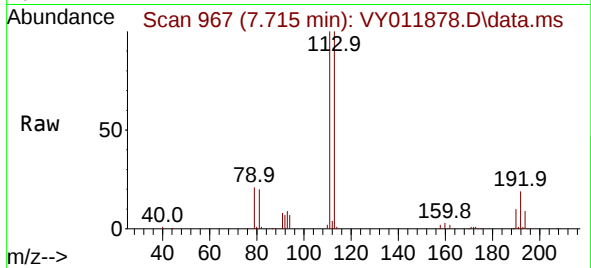




#35
 Dibromofluoromethane
 Concen: 57.467 ug/l
 RT: 7.715 min Scan# 90
 Delta R.T. -0.001 min
 Lab File: VY011878.D
 Acq: 15 Dec 2022 17:38

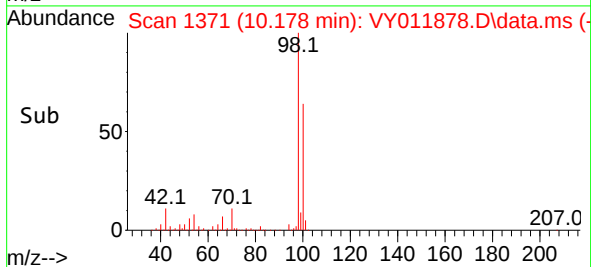
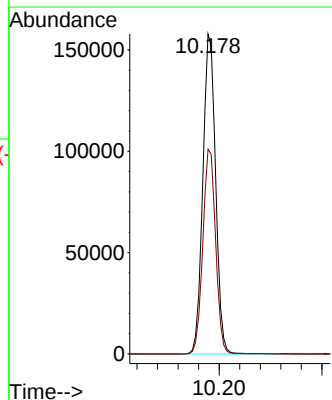
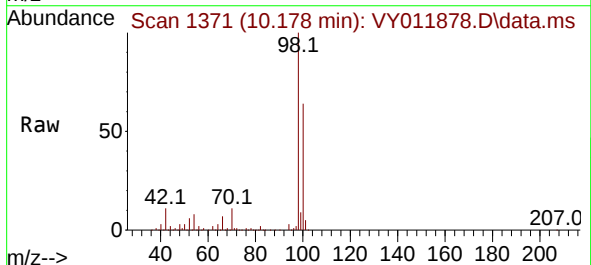
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-41-(0-2)

Tgt Ion:113 Resp: 106569
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.0 124.4
 192 20.1 16.0 24.0



#50
 Toluene-d8
 Concen: 43.363 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. -0.001 min
 Lab File: VY011878.D
 Acq: 15 Dec 2022 17:38

Tgt Ion: 98 Resp: 271752
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.9 77.9

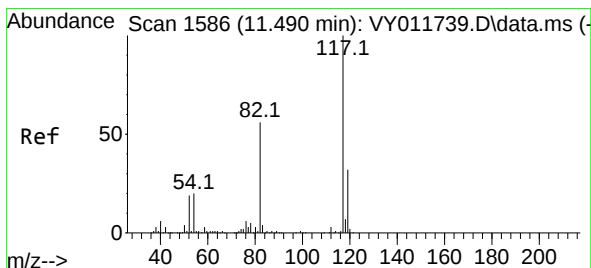
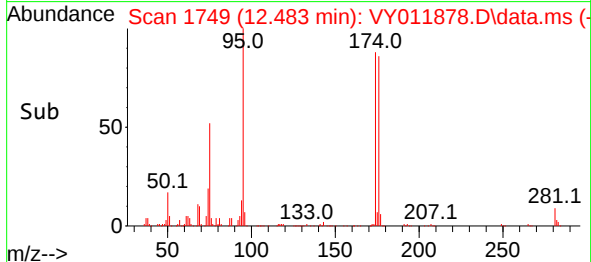
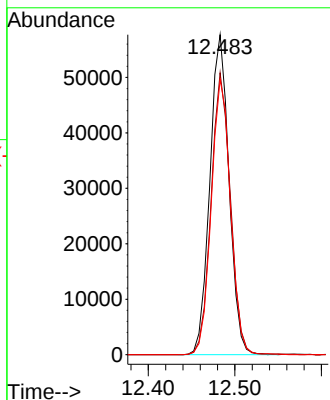
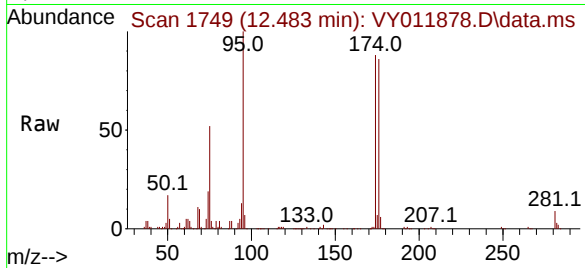




#62
4-Bromofluorobenzene
Concen: 35.009 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

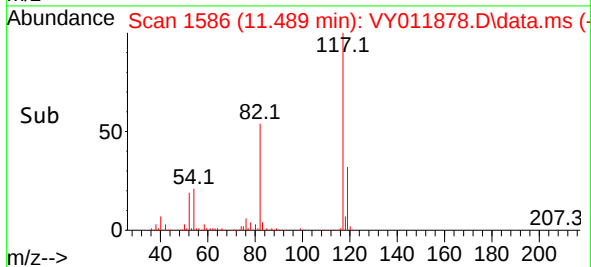
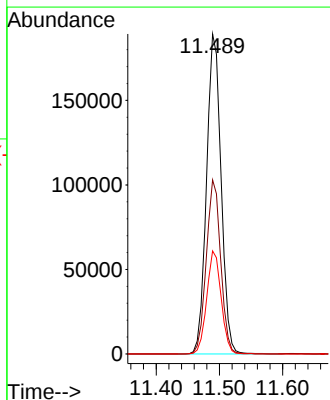
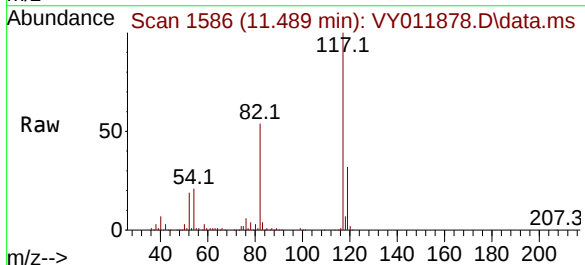
Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(0-2)

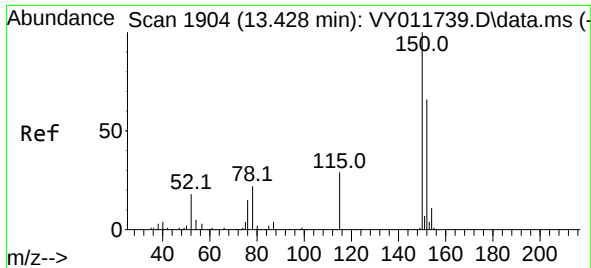
Tgt Ion: 95 Resp: 88933
Ion Ratio Lower Upper
95 100
174 88.5 0.0 172.0
176 86.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

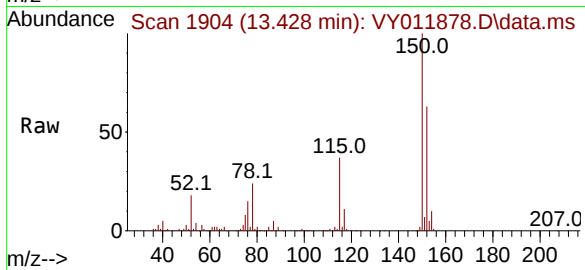
Tgt Ion: 117 Resp: 303050
Ion Ratio Lower Upper
117 100
82 54.4 44.8 67.2
119 32.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011878.D
 Acq: 15 Dec 2022 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-41-(0-2)



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.1	87.3
150	159.8	0.0	342.6

