

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011872.D
 Acq On : 15 Dec 2022 15:22
 Operator : KP/MD
 Sample : N6038-18
 Misc : 3.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-38-(0-2)

Quant Time: Dec 16 00:14:47 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)

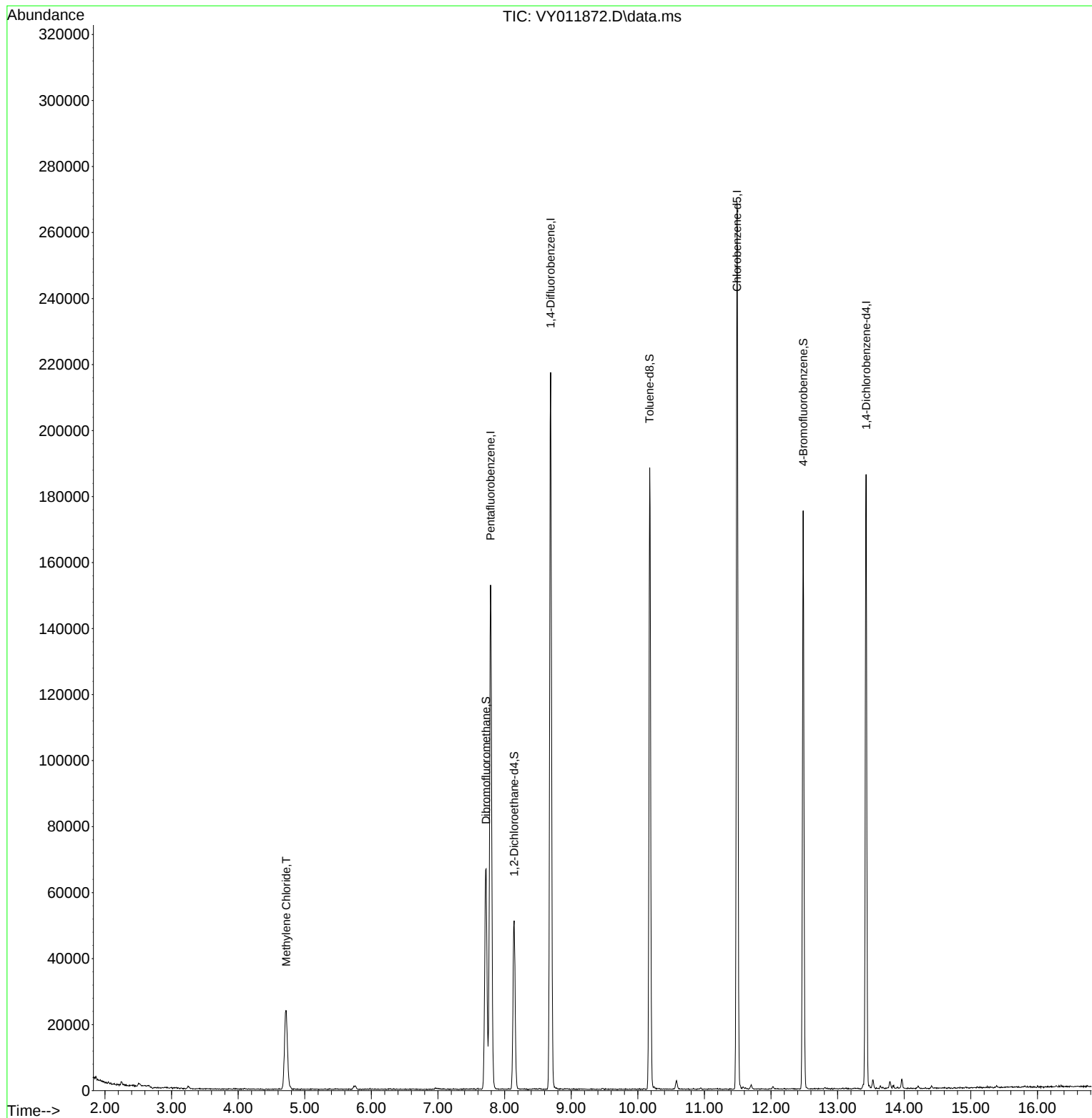
Internal Standards						
1) Pentafluorobenzene	7.789	168	118988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	186611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	147571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	41445	51.154	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	102.300%	
35) Dibromofluoromethane	7.722	113	48067	58.647	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	117.300%	
50) Toluene-d8	10.179	98	126652	46.071	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	92.140%	
62) 4-Bromofluorobenzene	12.483	95	48777	44.589	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	89.180%	
Target Compounds						
20) Methylene Chloride	4.722	84	18701	11.665	ug/l	Qvalue 95

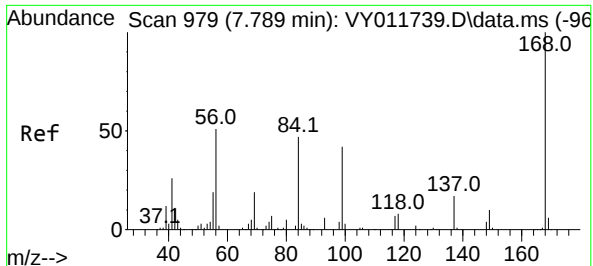
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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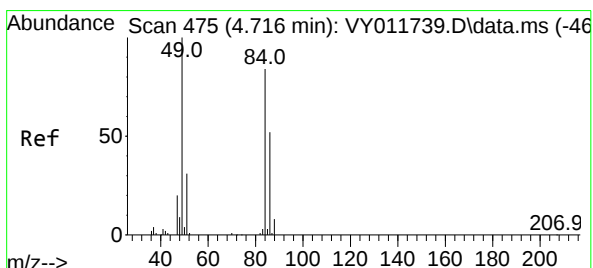
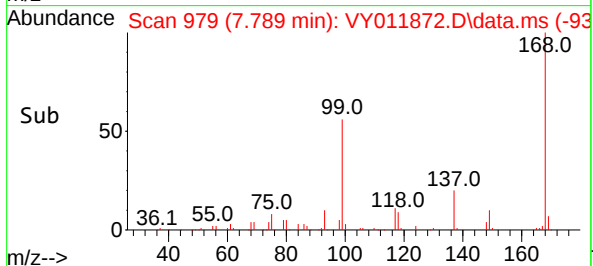
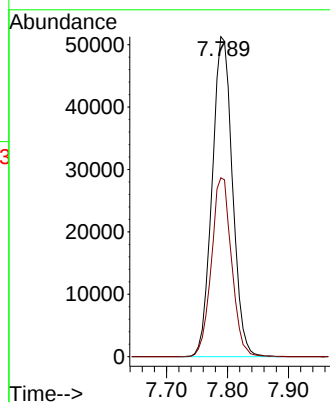
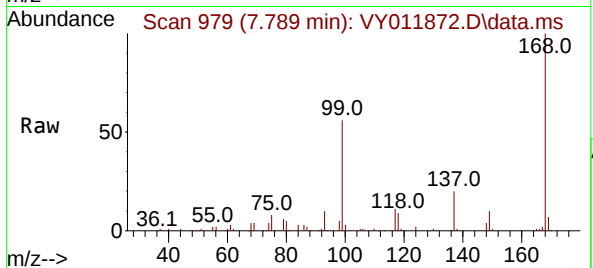




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

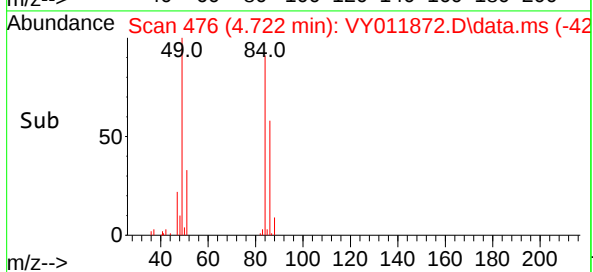
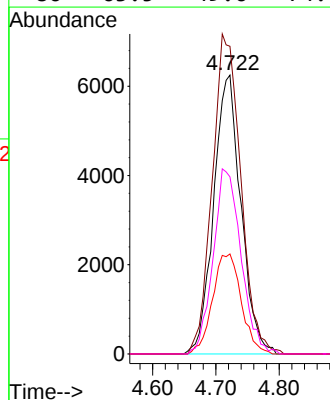
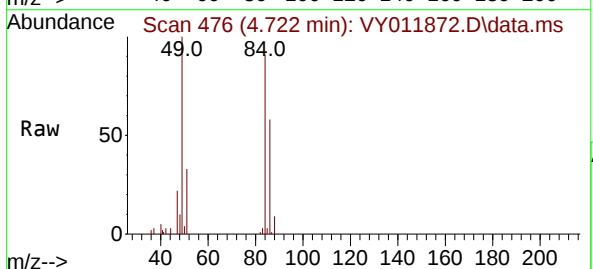
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)

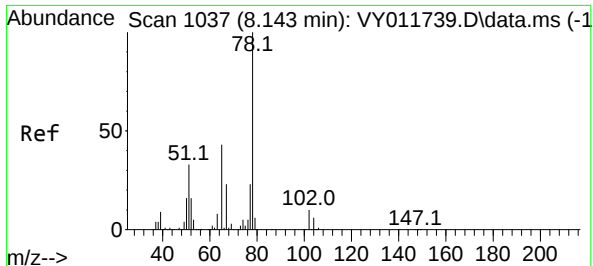
Tgt Ion:168 Resp: 118988
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#20
Methylene Chloride
Concen: 11.665 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

Tgt Ion: 84 Resp: 18701
Ion Ratio Lower Upper
84 100
49 110.4 95.4 143.2
51 35.9 29.9 44.9
86 63.5 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 51.154 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011872.D

Acq: 15 Dec 2022 15:22

Instrument :

MSVOA_Y

ClientSampleId :

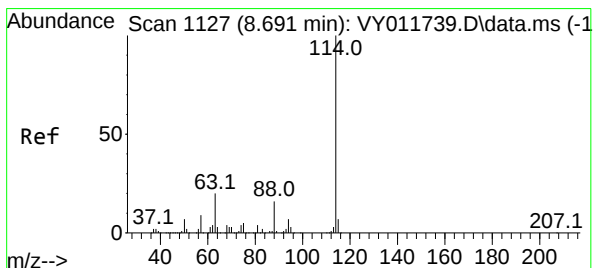
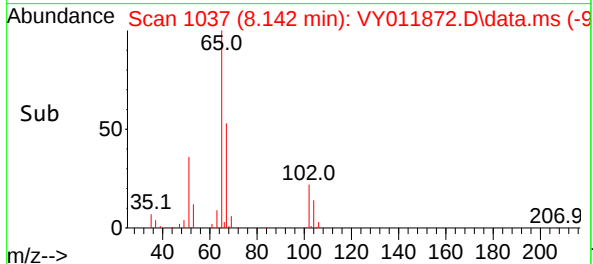
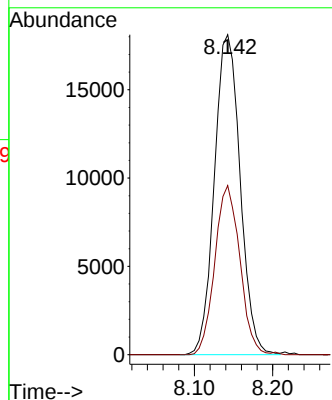
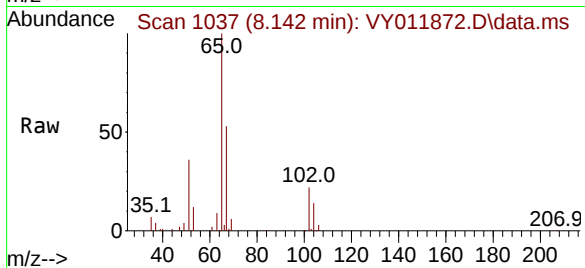
RB-38-(0-2)

Tgt Ion: 65 Resp: 41445

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: VY011872.D

Acq: 15 Dec 2022 15:22

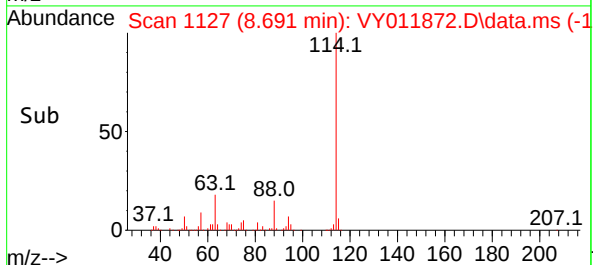
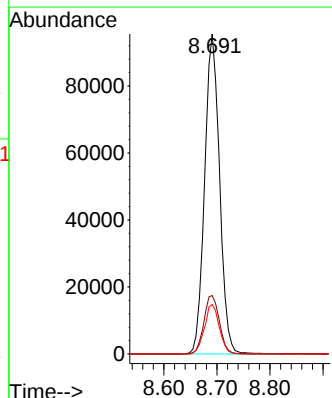
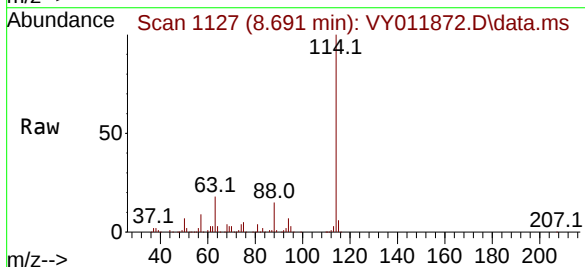
Tgt Ion: 114 Resp: 186611

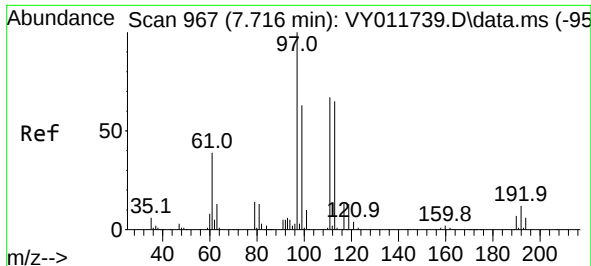
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.4 0.0 32.2

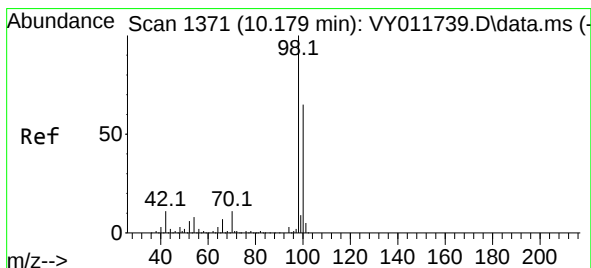
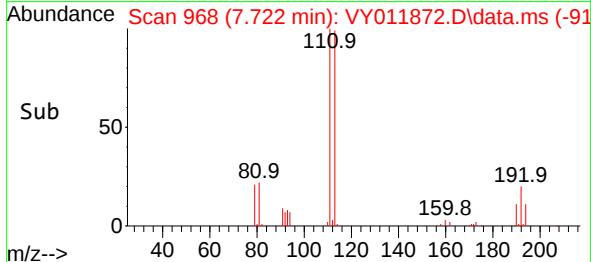
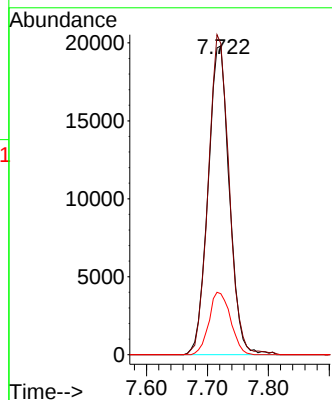
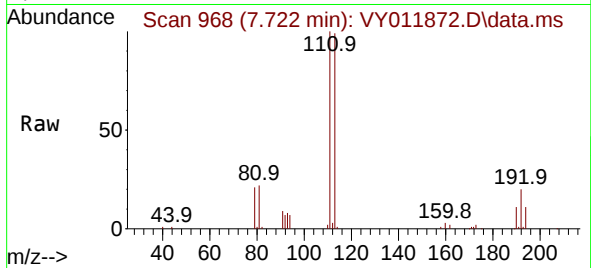




#35
Dibromofluoromethane
Concen: 58.647 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

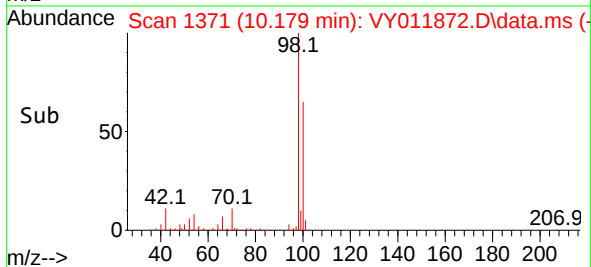
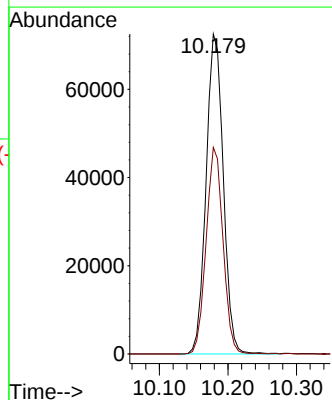
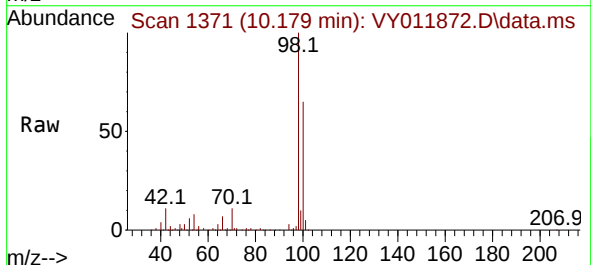
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)

Tgt Ion:113 Resp: 48067
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.4
192 20.4 16.0 24.0



#50
Toluene-d8
Concen: 46.071 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

Tgt Ion: 98 Resp: 126652
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

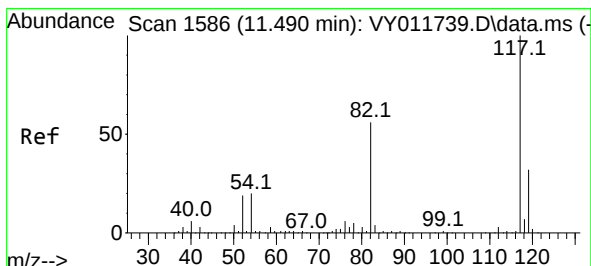
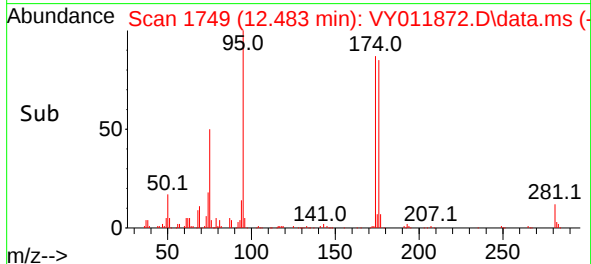
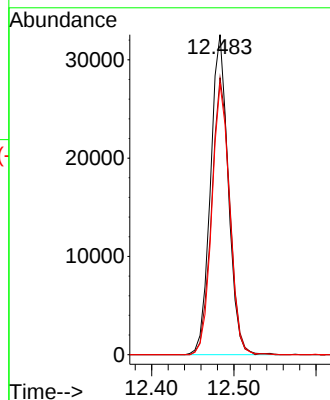
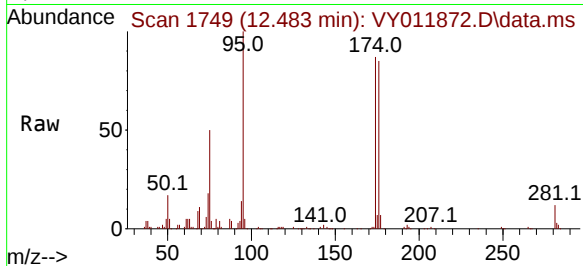




#62
4-Bromofluorobenzene
Concen: 44.589 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

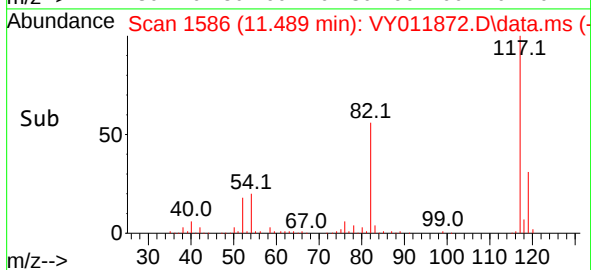
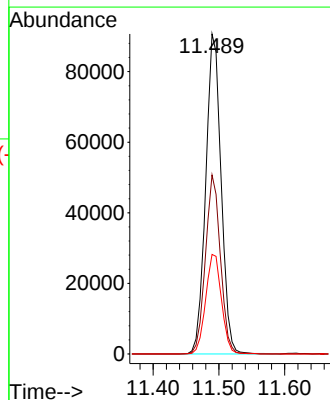
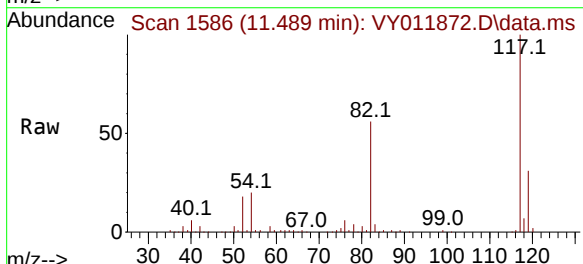
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)

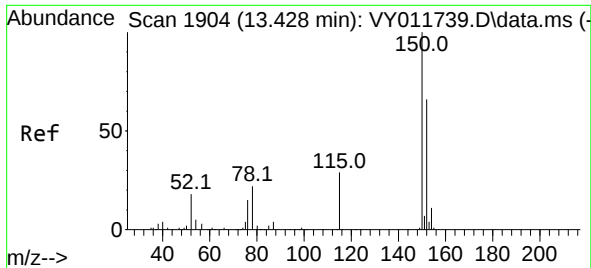
Tgt Ion:	95	Resp:	48777
Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	172.0
176	84.8	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

Tgt Ion:	117	Resp:	147571
Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.8	67.2
119	31.1	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: VY011872.D
 Acq: 15 Dec 2022 15:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-38-(0-2)

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.1	87.3
150	157.6	0.0	342.6

