

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011841.D
 Acq On : 14 Dec 2022 13:40
 Operator : KP/MD
 Sample : N6046-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-121322

Quant Time: Dec 15 01:19:34 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)

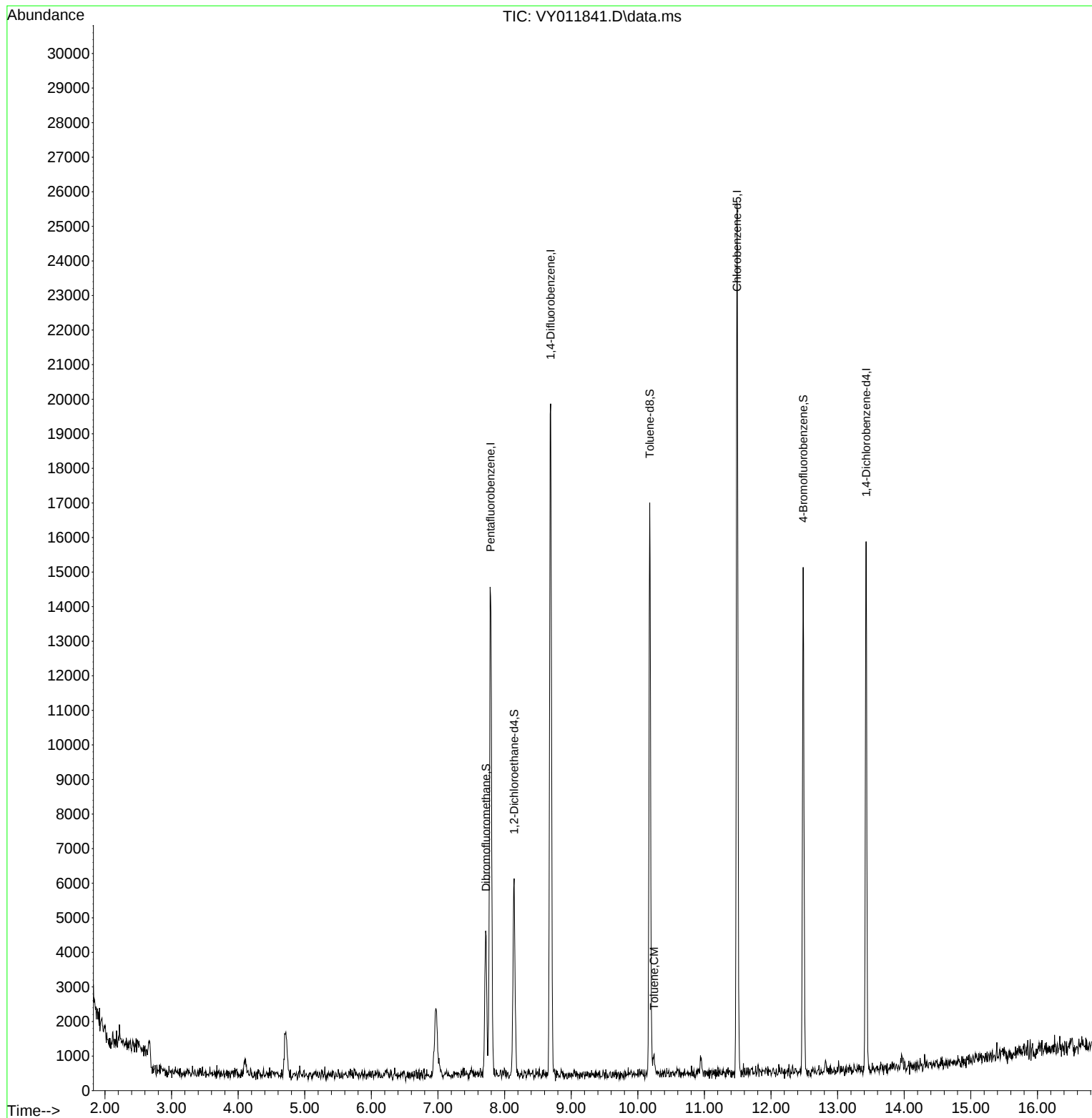
Internal Standards						
1) Pentafluorobenzene	7.789	168	11483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4451	57.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.040%
35) Dibromofluoromethane	7.722	113	2856	36.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.400%
50) Toluene-d8	10.179	98	11425	44.781	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.560%
62) 4-Bromofluorobenzene	12.483	95	4344	42.781	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.560%
Target Compounds					Qvalue	
52) Toluene	10.246	92	283	1.138	ug/l	94

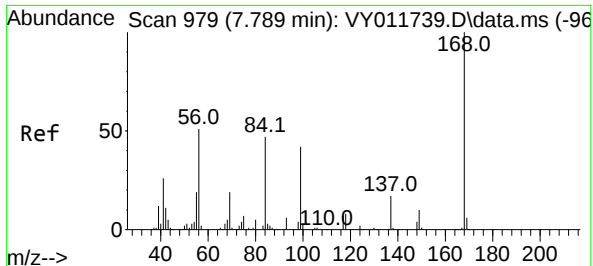
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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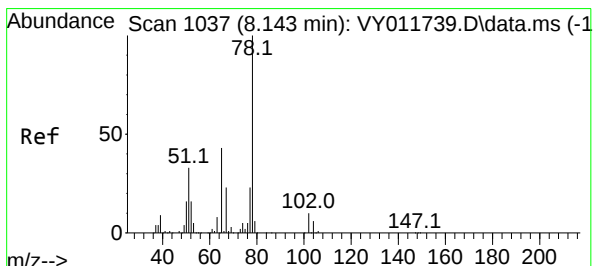
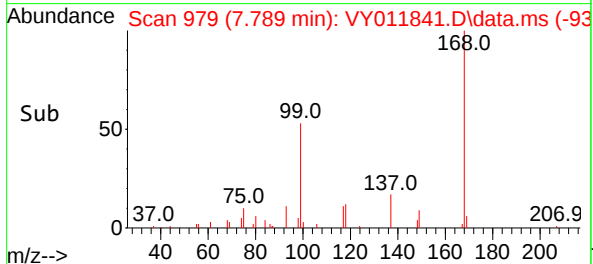
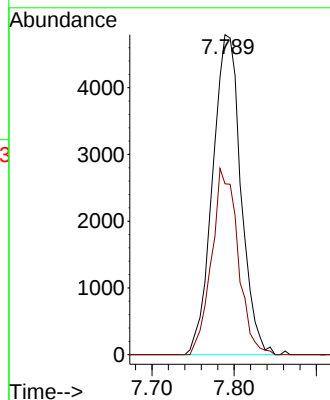
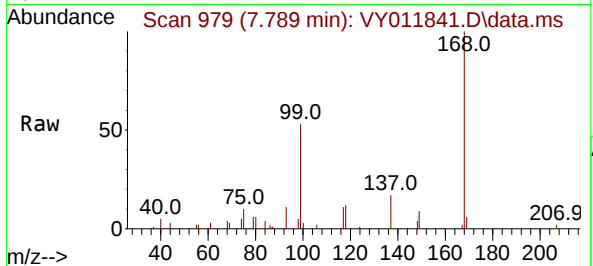




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011841.D
Acq: 14 Dec 2022 13:40

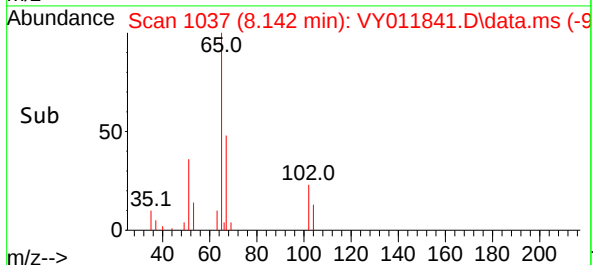
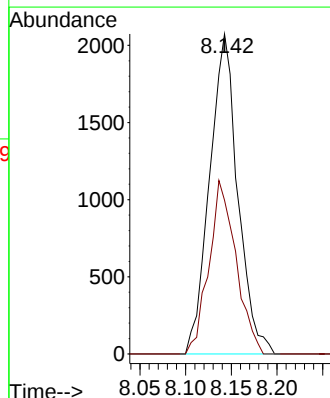
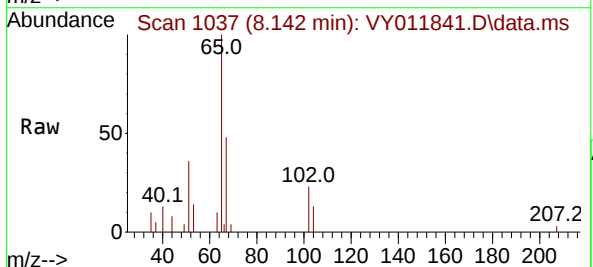
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-121322

Tgt Ion:168 Resp: 11483
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 57.525 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011841.D
Acq: 14 Dec 2022 13:40

Tgt Ion: 65 Resp: 4451
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: VY011841.D

Acq: 14 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-121322

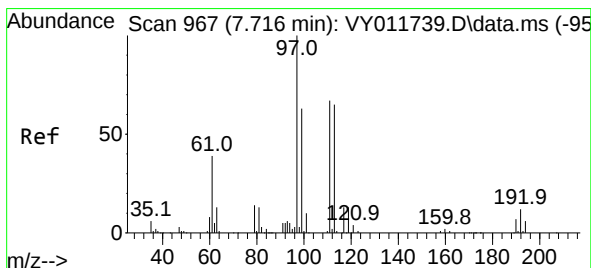
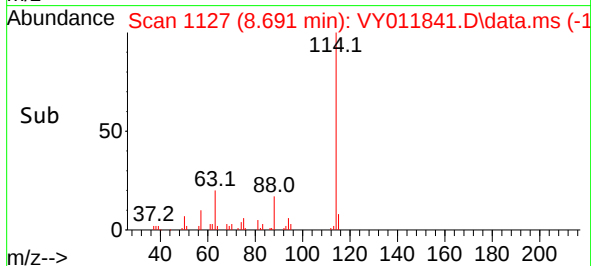
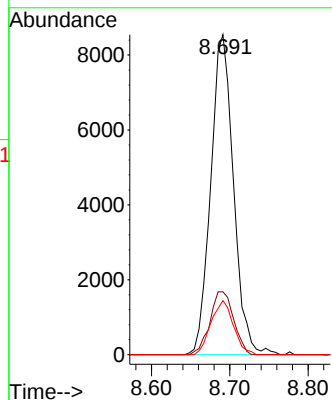
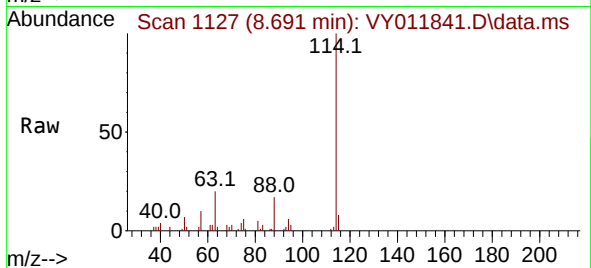
Tgt Ion:114 Resp: 17248

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 36.195 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011841.D

Acq: 14 Dec 2022 13:40

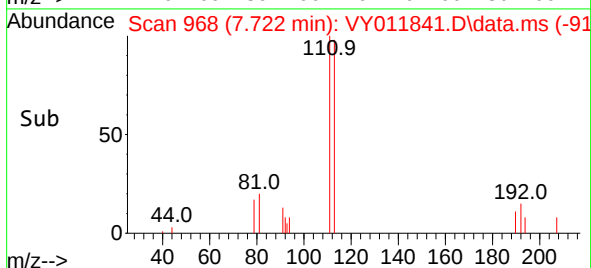
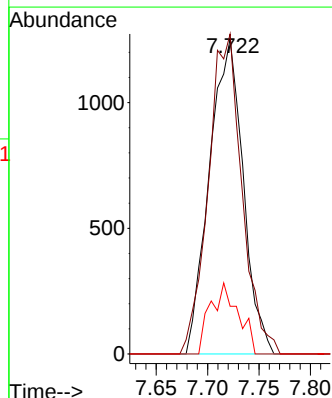
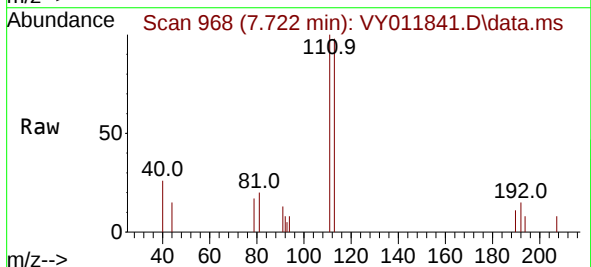
Tgt Ion:113 Resp: 2856

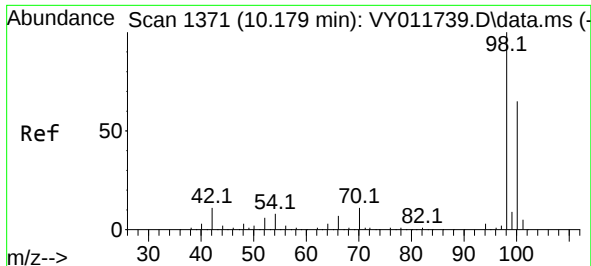
Ion Ratio Lower Upper

113 100

111 100.8 83.0 124.4

192 18.6 16.0 24.0

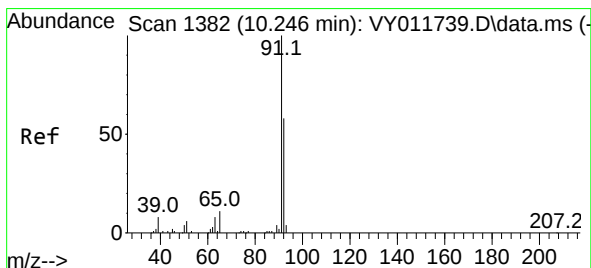
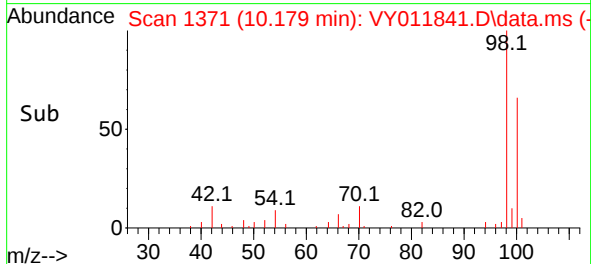
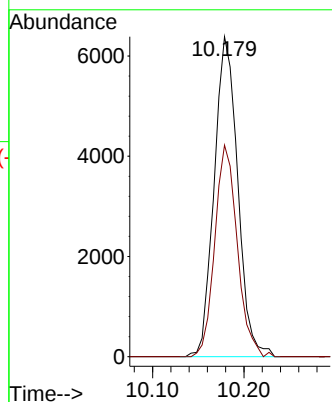
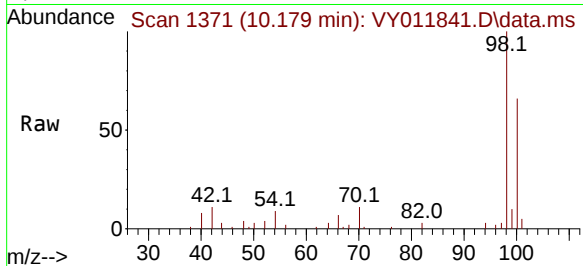




#50
Toluene-d8
Concen: 44.781 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011841.D
Acq: 14 Dec 2022 13:40

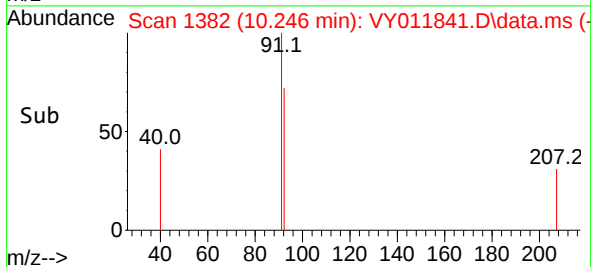
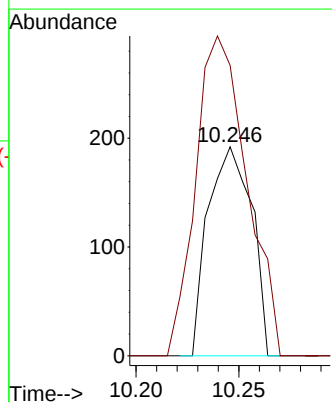
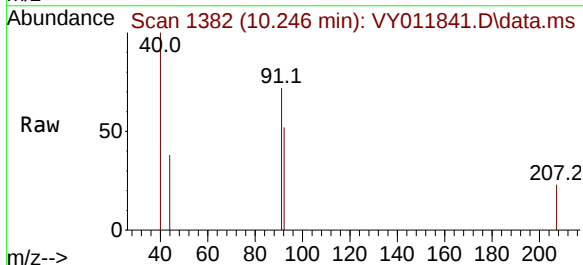
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-121322

Tgt Ion: 98 Resp: 11425
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#52
Toluene
Concen: 1.138 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011841.D
Acq: 14 Dec 2022 13:40

Tgt Ion: 92 Resp: 283
Ion Ratio Lower Upper
92 100
91 179.5 137.4 206.0

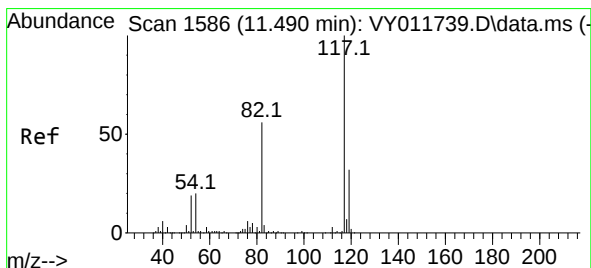
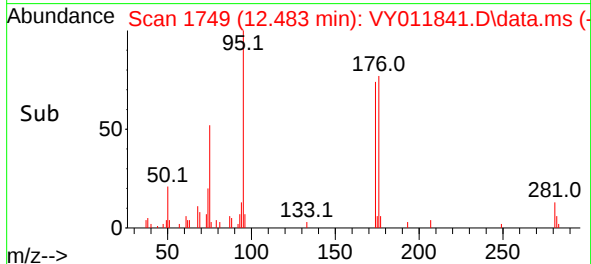
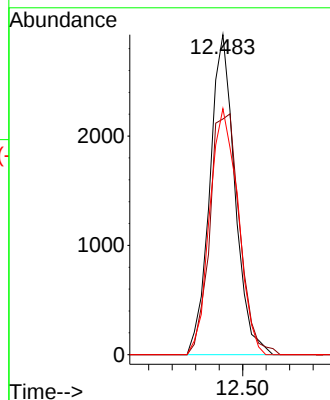
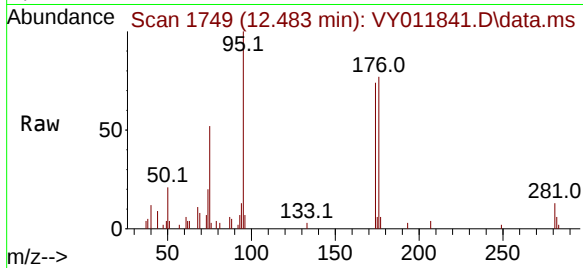




#62
4-Bromofluorobenzene
Concen: 42.781 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011841.D
Acq: 14 Dec 2022 13:40

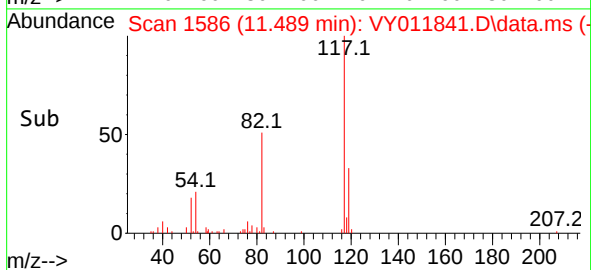
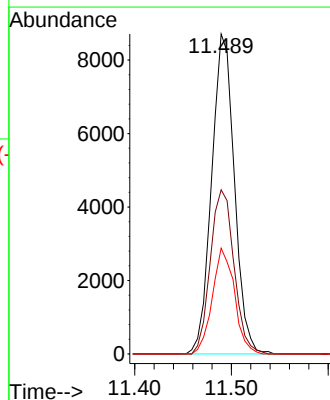
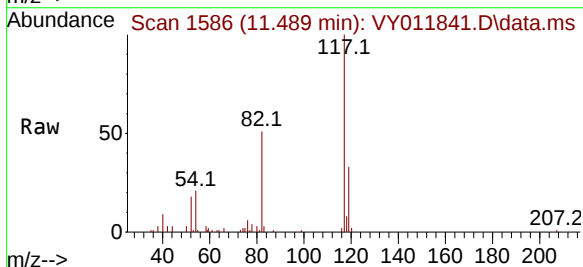
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-121322

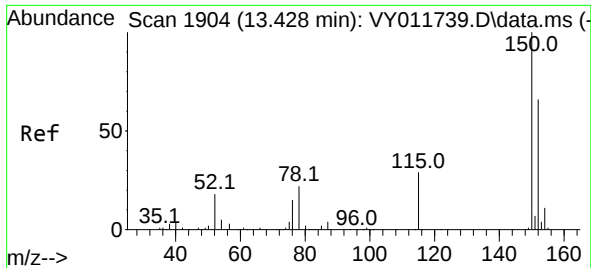
Tgt Ion:	95	Resp:	4344
Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	172.0
176	86.6	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011841.D
Acq: 14 Dec 2022 13:40

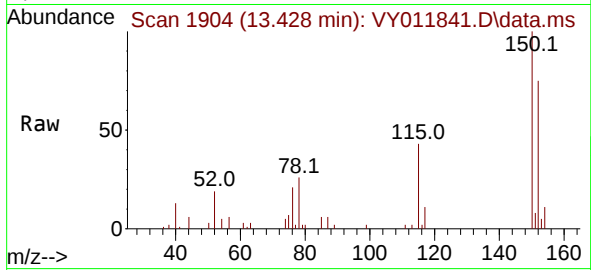
Tgt Ion:	117	Resp:	14229
Ion	Ratio	Lower	Upper
117	100		
82	51.3	44.8	67.2
119	33.0	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011841.D
 Acq: 14 Dec 2022 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-121322



Tgt Ion:152 Resp: 4305
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.1 87.3
 150 158.1 0.0 342.6

