

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011865.D
 Acq On : 15 Dec 2022 12:43
 Operator : KP/MD
 Sample : N6038-12
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-35-(2.5-4.5)

Quant Time: Dec 16 00:13:46 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)

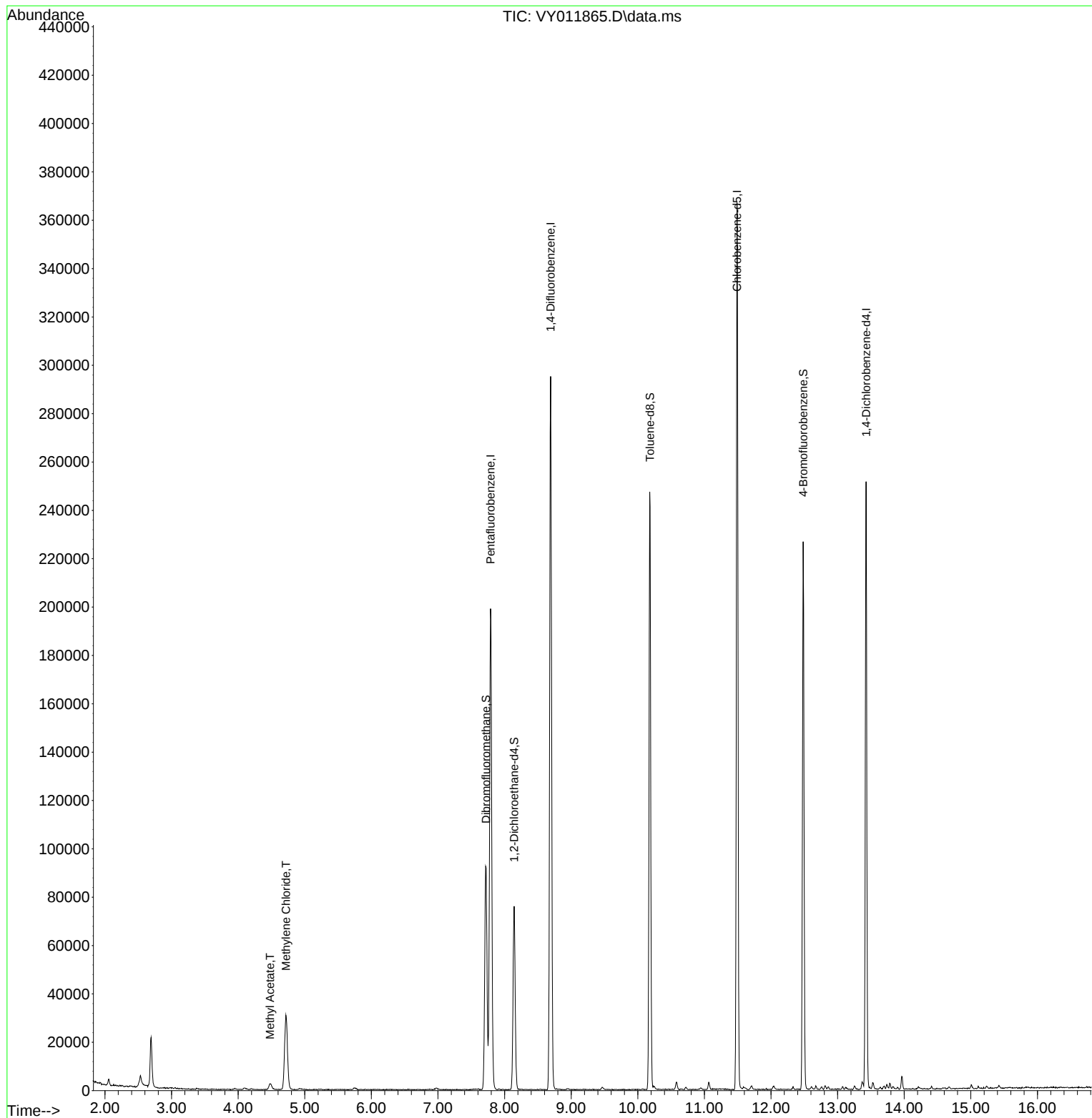
Internal Standards						
1) Pentafluorobenzene	7.789	168	155886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	257933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60140	57.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.460%
35) Dibromofluoromethane	7.722	113	66121	58.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.700%
50) Toluene-d8	10.185	98	166294	43.381	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.760%
62) 4-Bromofluorobenzene	12.483	95	65364	43.077	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.160%
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.479	43	4855	3.141	ug/l	99
20) Methylene Chloride	4.716	84	23693	11.061	ug/l	96

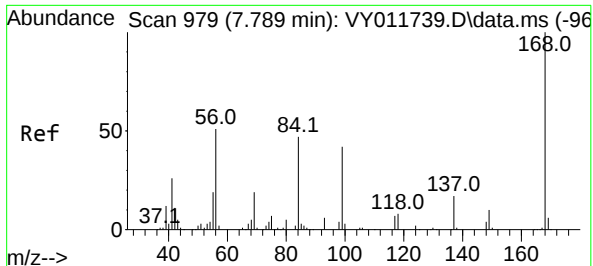
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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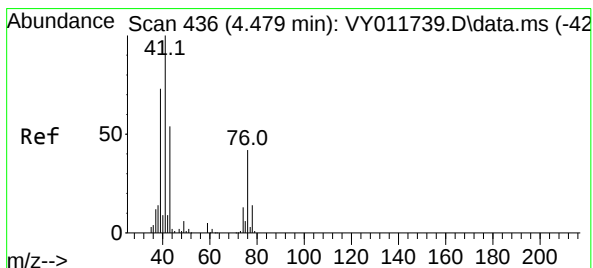
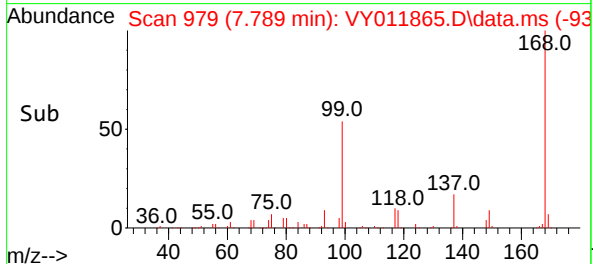
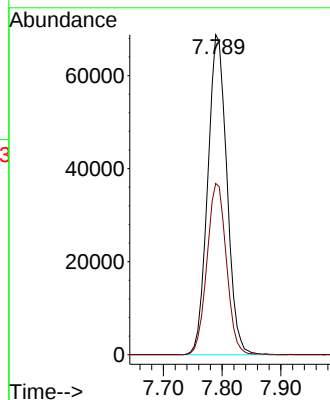
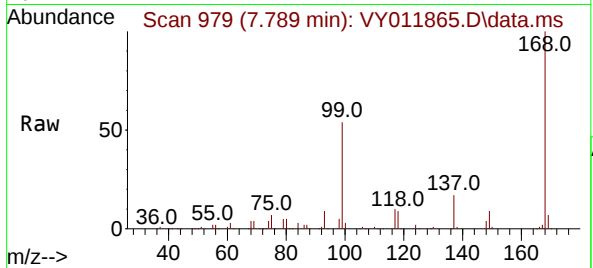




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011865.D
Acq: 15 Dec 2022 12:43

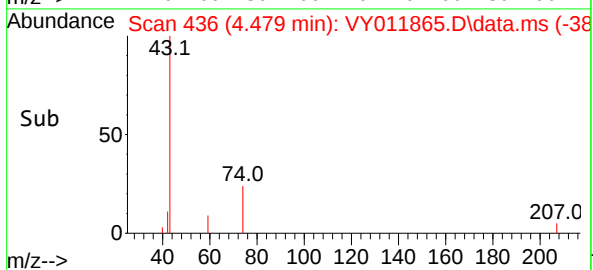
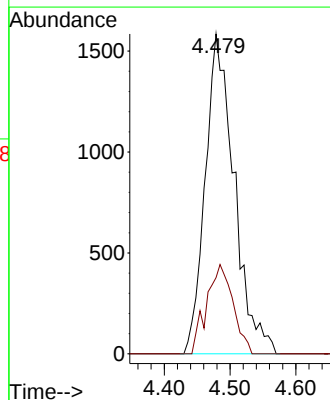
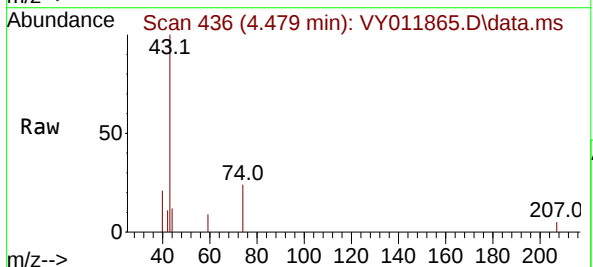
Instrument :
MSVOA_Y
ClientSampleId :
RB-35-(2.5-4.5)

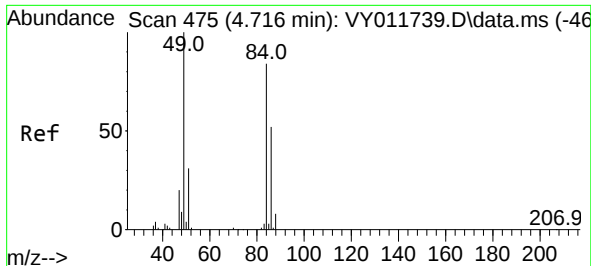
Tgt Ion:168 Resp: 155886
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0



#18
Methyl Acetate
Concen: 3.141 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011865.D
Acq: 15 Dec 2022 12:43

Tgt Ion: 43 Resp: 4855
Ion Ratio Lower Upper
43 100
74 25.4 20.1 30.1

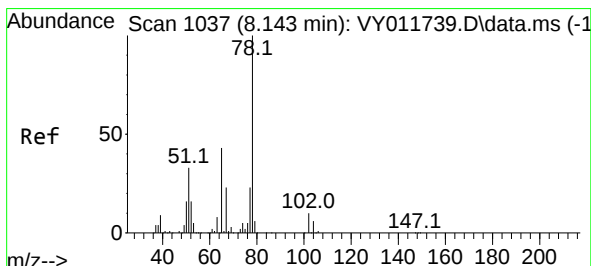
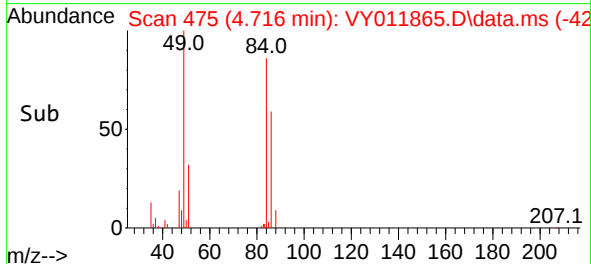
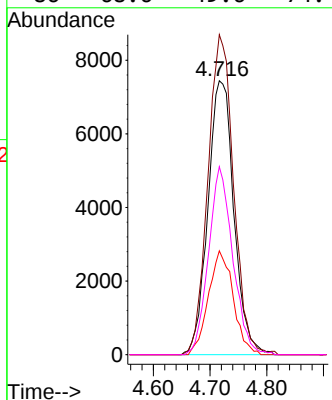
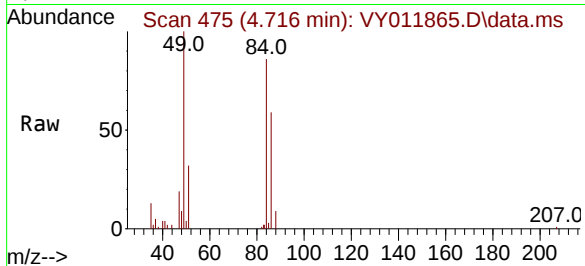




#20
Methylene Chloride
Concen: 11.061 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011865.D
Acq: 15 Dec 2022 12:43

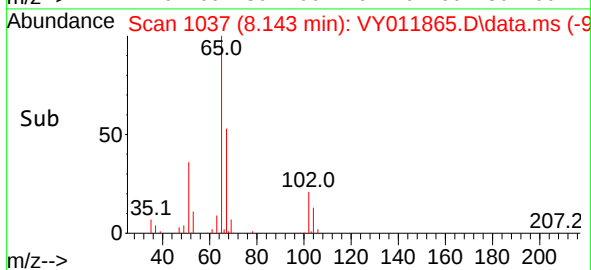
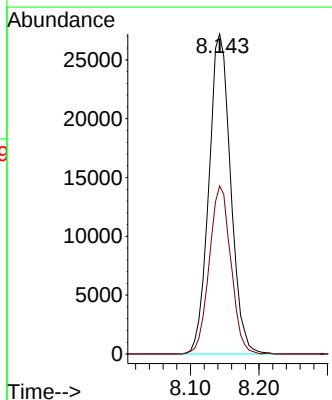
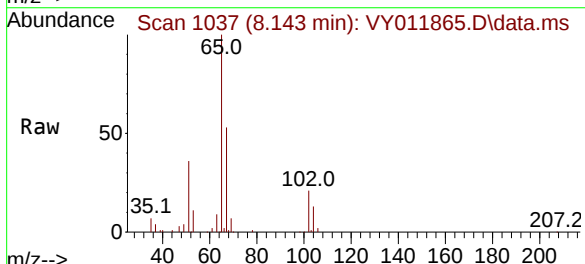
Instrument :
MSVOA_Y
ClientSampleId :
RB-35-(2.5-4.5)

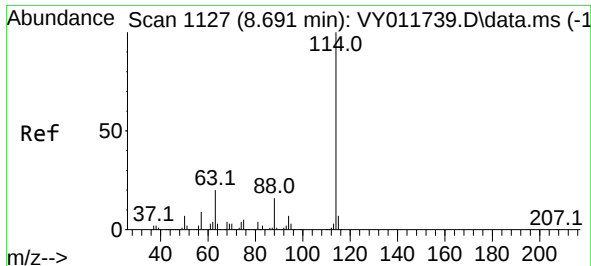
Tgt Ion:	84	Resp:	23693
Ion	Ratio	Lower	Upper
84	100		
49	116.8	95.4	143.2
51	37.9	29.9	44.9
86	68.6	49.6	74.4



#33
1,2-Dichloroethane-d4
Concen: 57.229 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011865.D
Acq: 15 Dec 2022 12:43

Tgt Ion:	65	Resp:	60140
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: VY011865.D

Acq: 15 Dec 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

RB-35-(2.5-4.5)

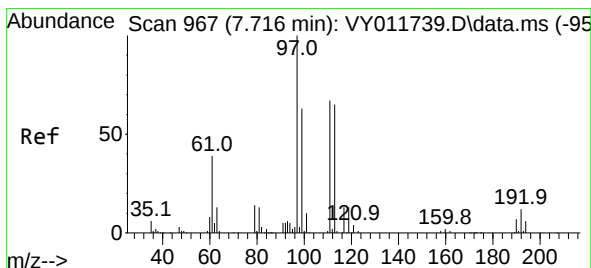
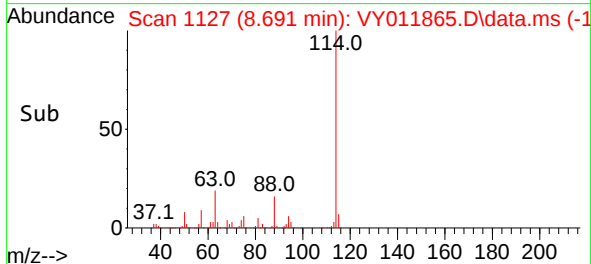
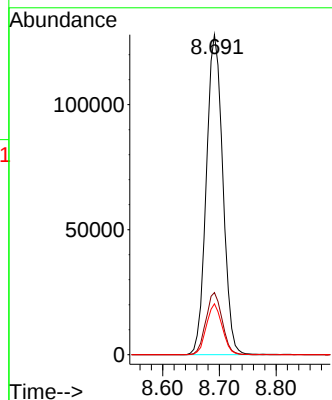
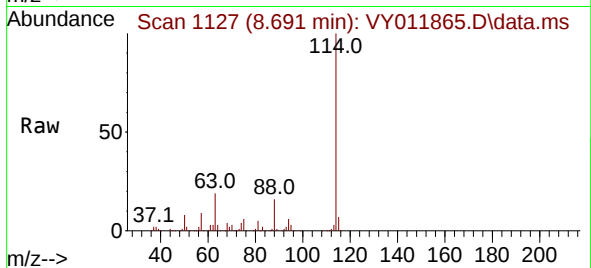
Tgt Ion:114 Resp: 257933

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 58.347 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011865.D

Acq: 15 Dec 2022 12:43

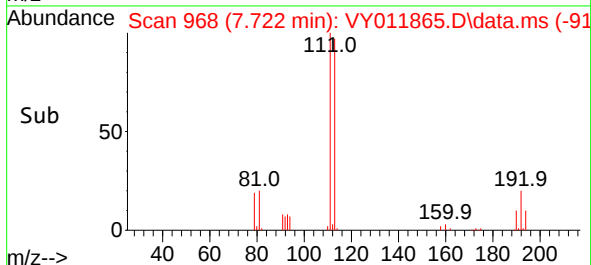
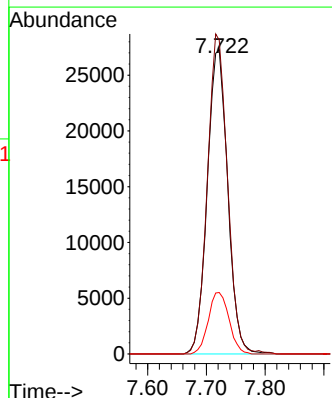
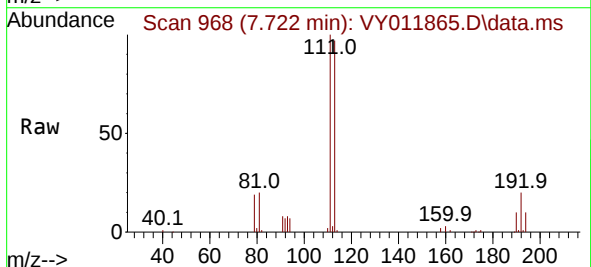
Tgt Ion:113 Resp: 66121

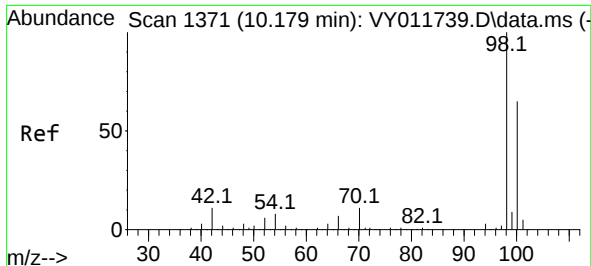
Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 20.4 16.0 24.0

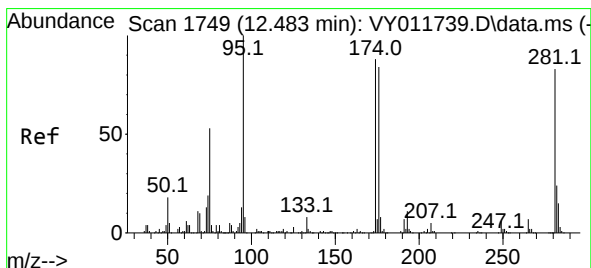
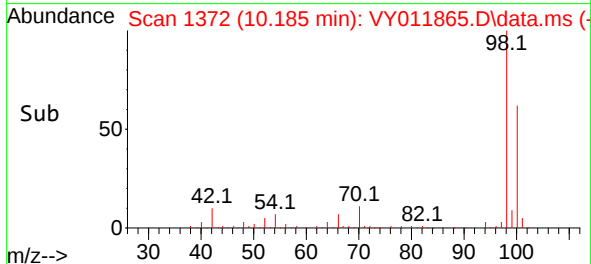
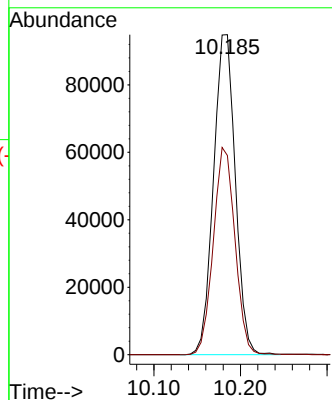
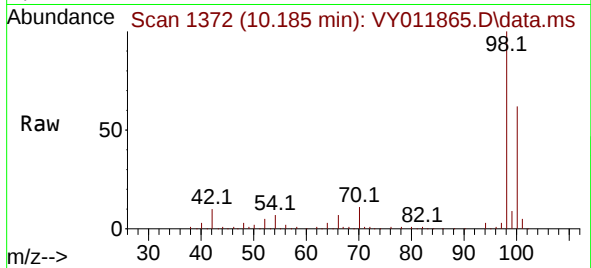




#50
Toluene-d8
Concen: 43.381 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011865.D
Acq: 15 Dec 2022 12:43

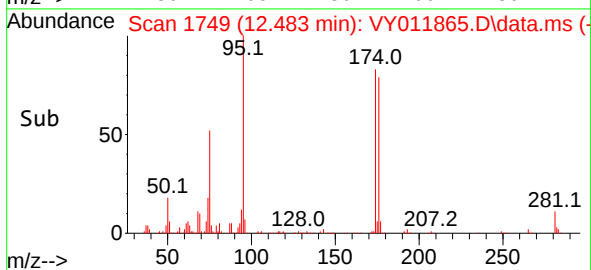
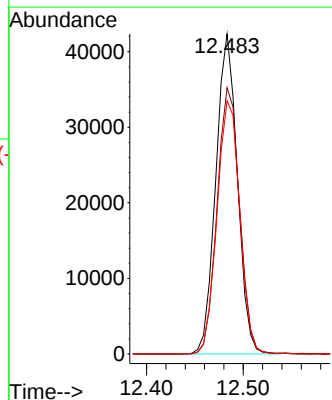
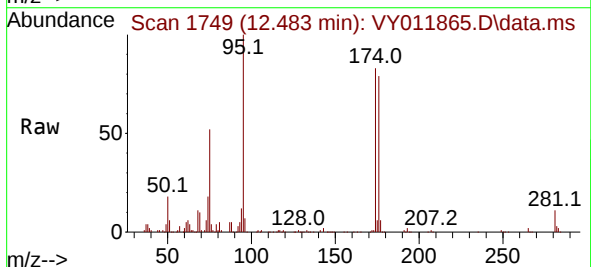
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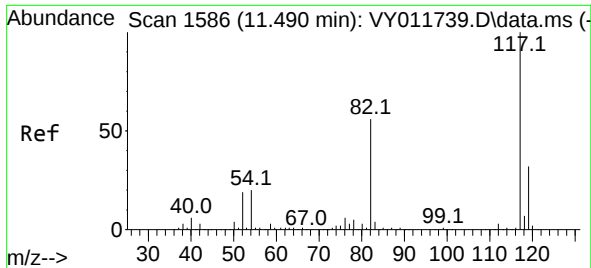
Tgt Ion: 98 Resp: 166294
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011865.D
Acq: 15 Dec 2022 12:43

Tgt Ion: 95 Resp: 65364
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.0
176 83.7 0.0 167.6

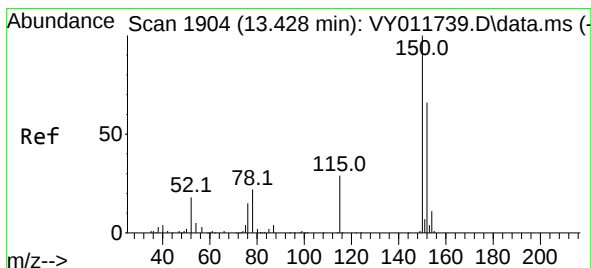
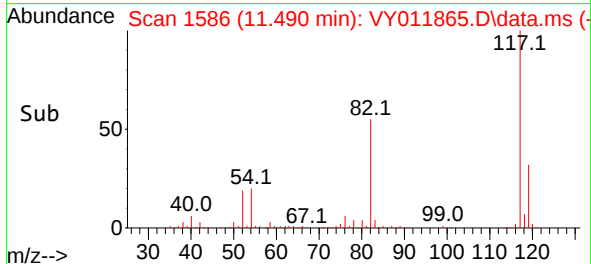
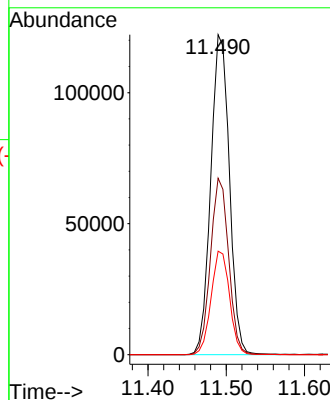
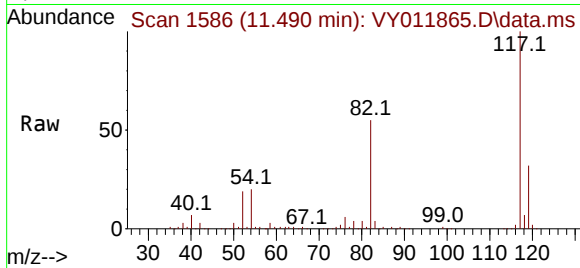




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011865.D
Acq: 15 Dec 2022 12:43

Instrument :
MSVOA_Y
ClientSampleId :
RB-35-(2.5-4.5)

Tgt Ion:117 Resp: 201889
Ion Ratio Lower Upper
117 100
82 55.1 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: VY011865.D
Acq: 15 Dec 2022 12:43

Tgt Ion:152 Resp: 64744
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.3
150 158.8 0.0 342.6

