

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010872.D
 Acq On : 07 Oct 2022 15:19
 Operator : KP/MD
 Sample : N4995-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L-1RE

Quant Time: Oct 07 15:48:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

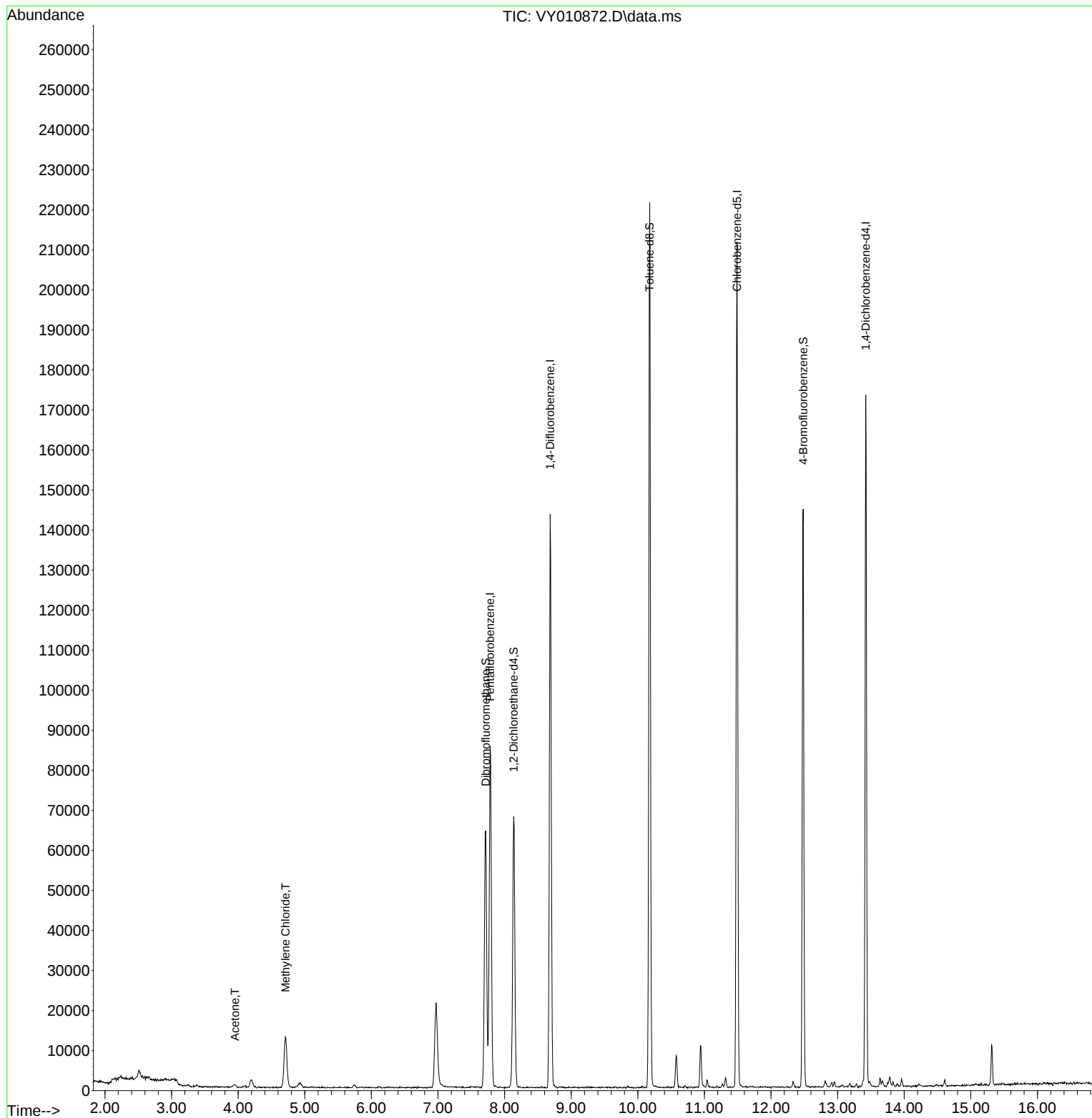
Internal Standards						
1) Pentafluorobenzene	7.783	168	64189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	120913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	114484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51789	79.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.200%
35) Dibromofluoromethane	7.715	113	46848	58.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.740%
50) Toluene-d8	10.178	98	146815	53.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.980%
62) 4-Bromofluorobenzene	12.483	95	43684	39.999	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.000%
Target Compounds						Qvalue
16) Acetone	3.954	43	1382	8.363	ug/l	97
20) Methylene Chloride	4.710	84	9819	9.312	ug/l #	83

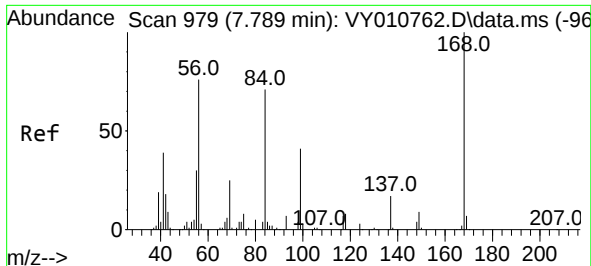
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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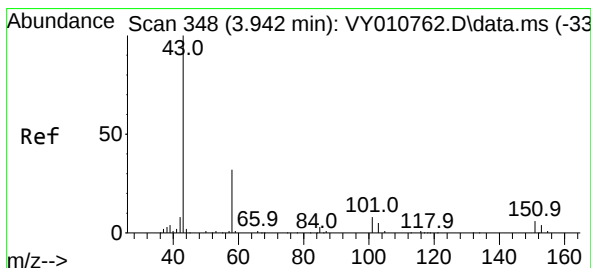
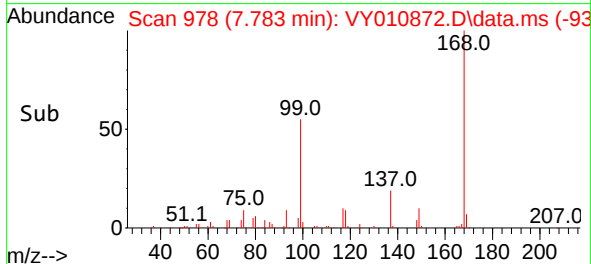
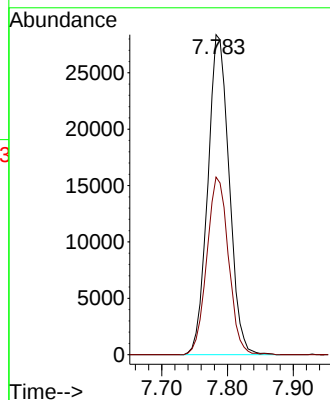
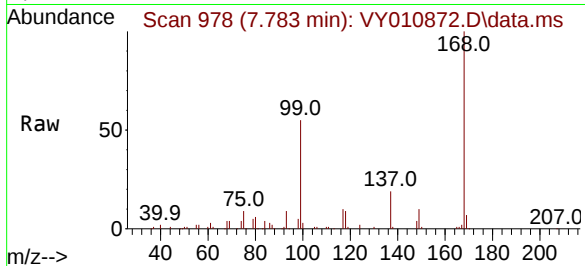




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010872.D
Acq: 07 Oct 2022 15:19

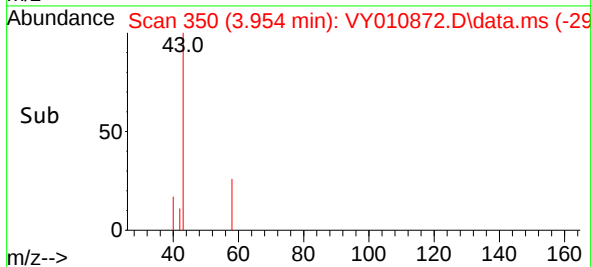
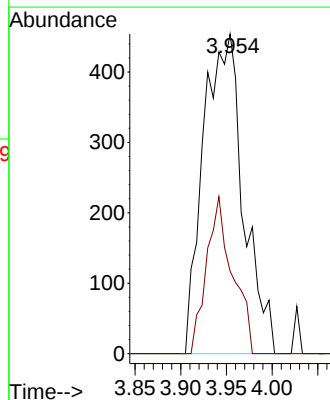
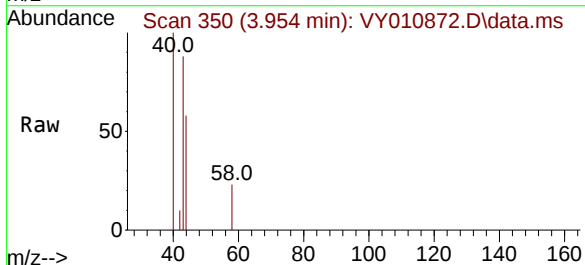
Instrument :
MSVOA_Y
ClientSampleId :
L-1RE

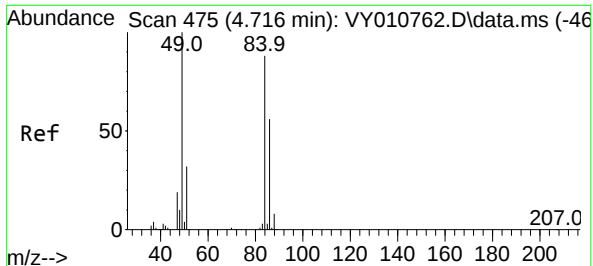
Tgt Ion:168 Resp: 64189
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#16
Acetone
Concen: 8.363 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY010872.D
Acq: 07 Oct 2022 15:19

Tgt Ion: 43 Resp: 1382
Ion Ratio Lower Upper
43 100
58 25.8 22.0 33.0

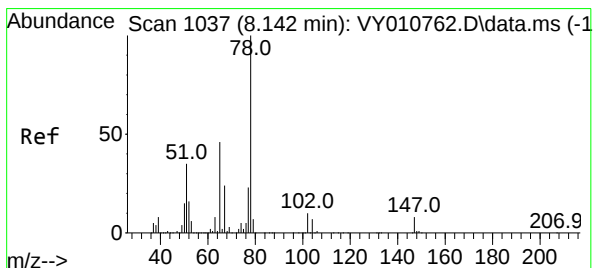
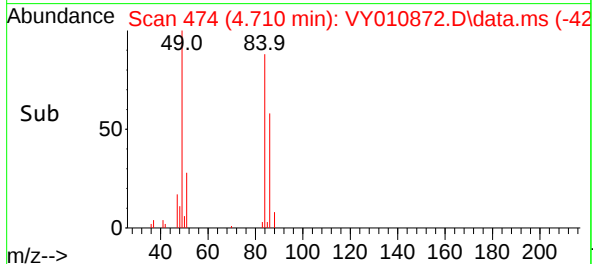
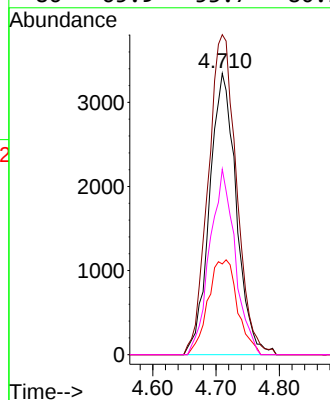
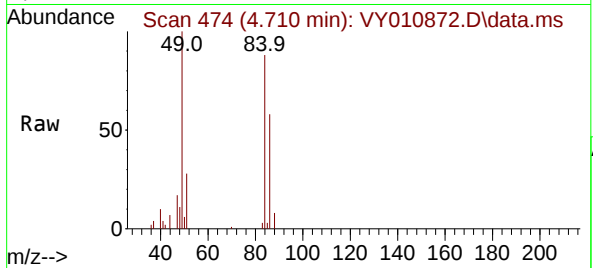




#20
Methylene Chloride
Concen: 9.312 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010872.D
Acq: 07 Oct 2022 15:19

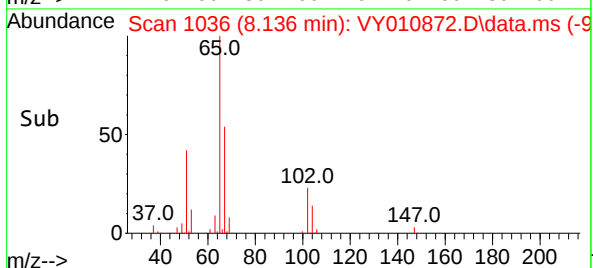
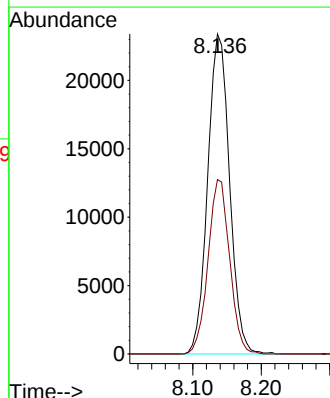
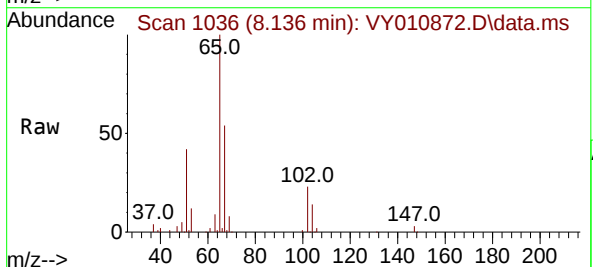
Instrument :
MSVOA_Y
ClientSampleId :
L-1RE

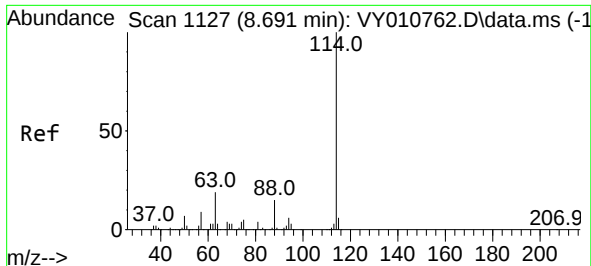
Tgt Ion: 84 Resp: 9819
Ion Ratio Lower Upper
84 100
49 113.8 114.4 171.6#
51 32.2 35.3 52.9#
86 65.9 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 79.598 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010872.D
Acq: 07 Oct 2022 15:19

Tgt Ion: 65 Resp: 51789
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010872.D

Acq: 07 Oct 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

L-1RE

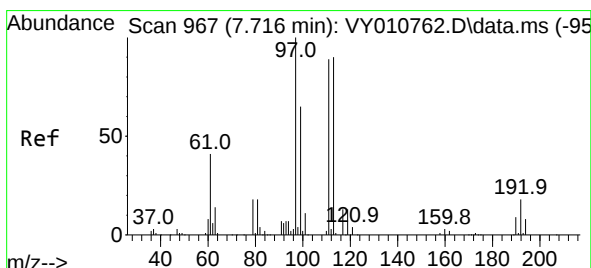
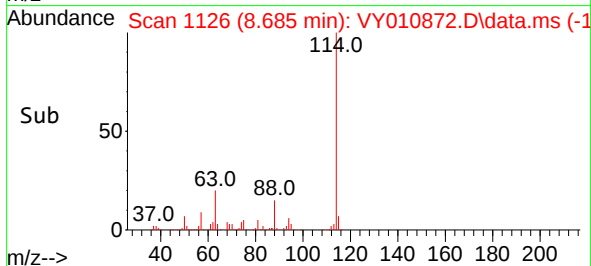
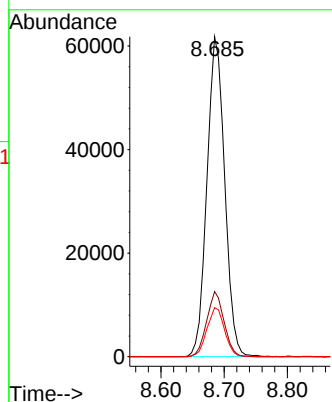
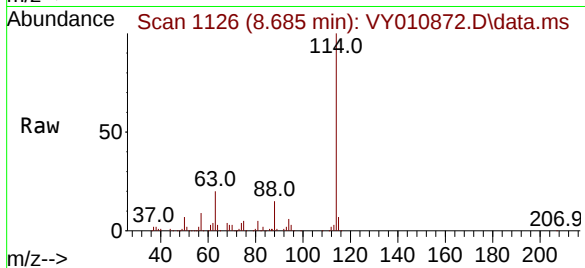
Tgt Ion:114 Resp: 120913

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.368 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY010872.D

Acq: 07 Oct 2022 15:19

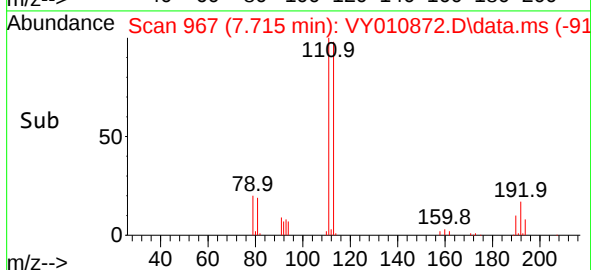
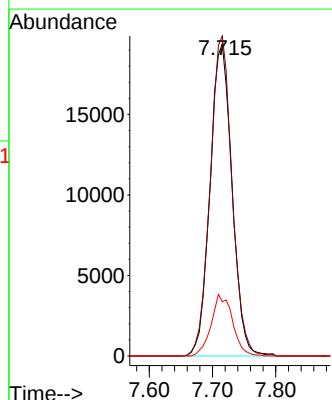
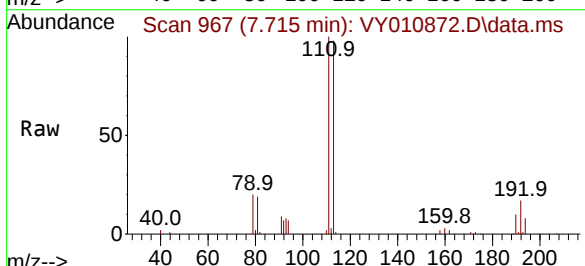
Tgt Ion:113 Resp: 46848

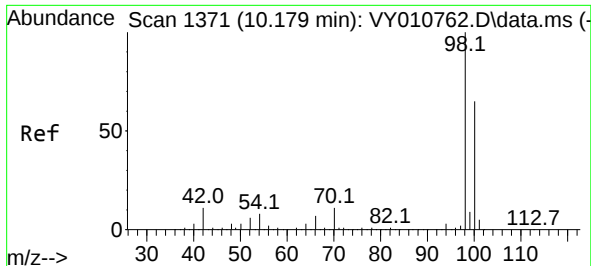
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 19.1 17.6 26.4

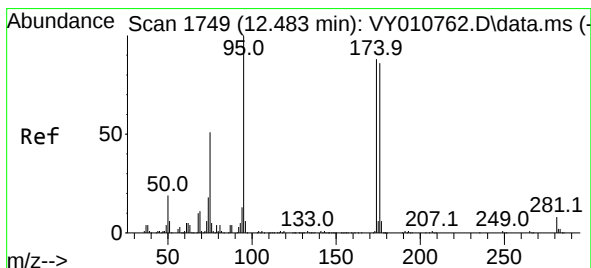
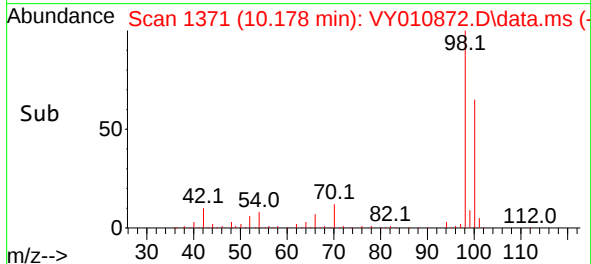
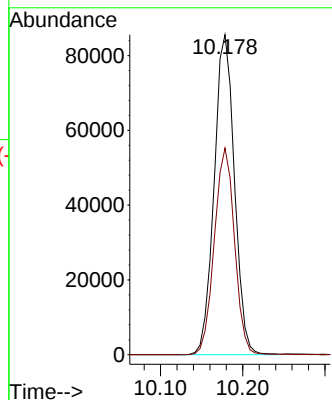
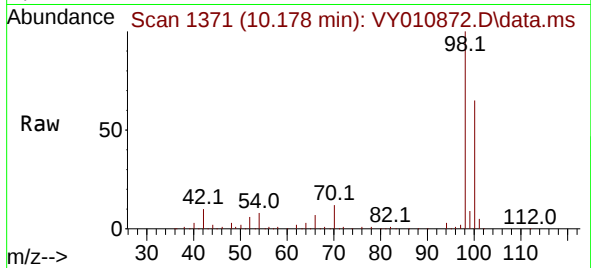




#50
Toluene-d8
Concen: 53.486 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010872.D
Acq: 07 Oct 2022 15:19

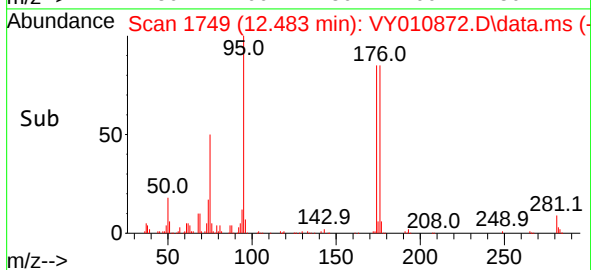
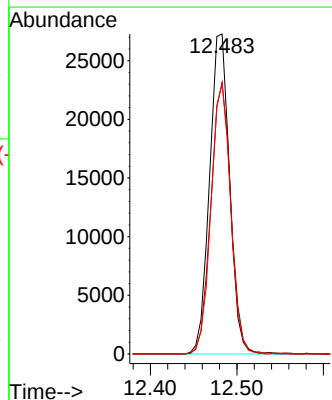
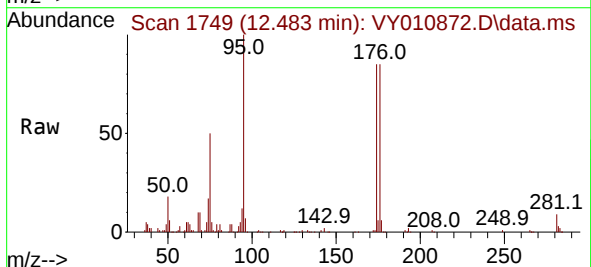
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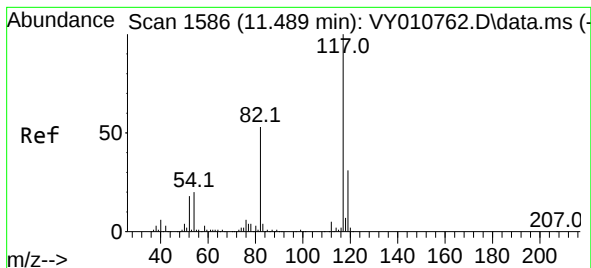
Tgt Ion: 98 Resp: 146815
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010872.D
Acq: 07 Oct 2022 15:19

Tgt Ion: 95 Resp: 43684
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 82.9 0.0 175.8

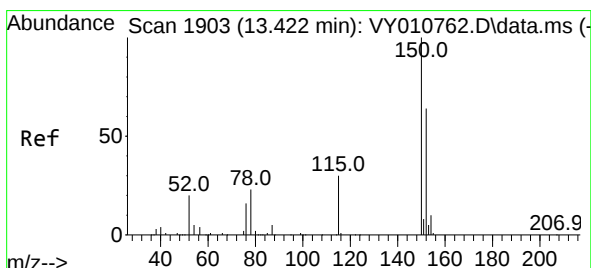
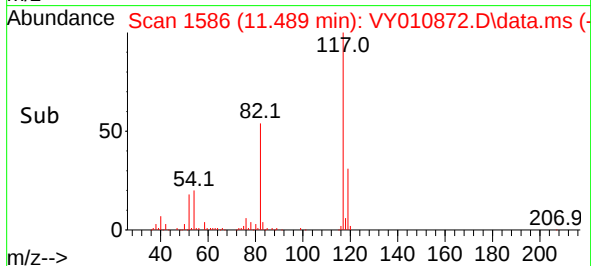
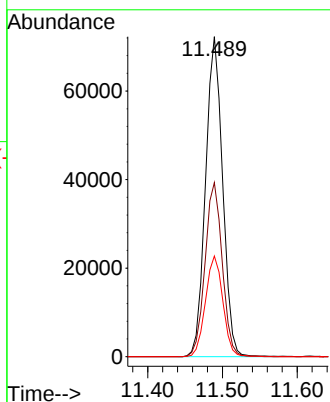
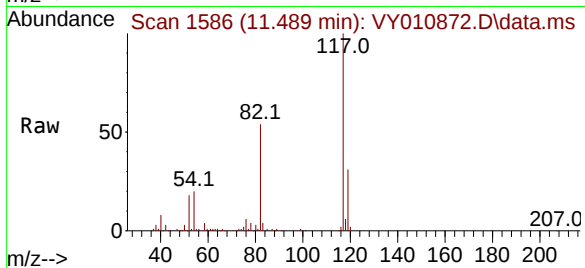




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010872.D
Acq: 07 Oct 2022 15:19

Instrument :
MSVOA_Y
ClientSampleId :
L-1RE

Tgt Ion:117 Resp: 114484
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010872.D
Acq: 07 Oct 2022 15:19

Tgt Ion:152 Resp: 45263
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 154.7 0.0 347.6

