

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010850.D
 Acq On : 06 Oct 2022 17:15
 Operator : KP/MD
 Sample : N5004-05RE
 Misc : 6.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22010-18RE

Quant Time: Oct 07 02:30:37 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)

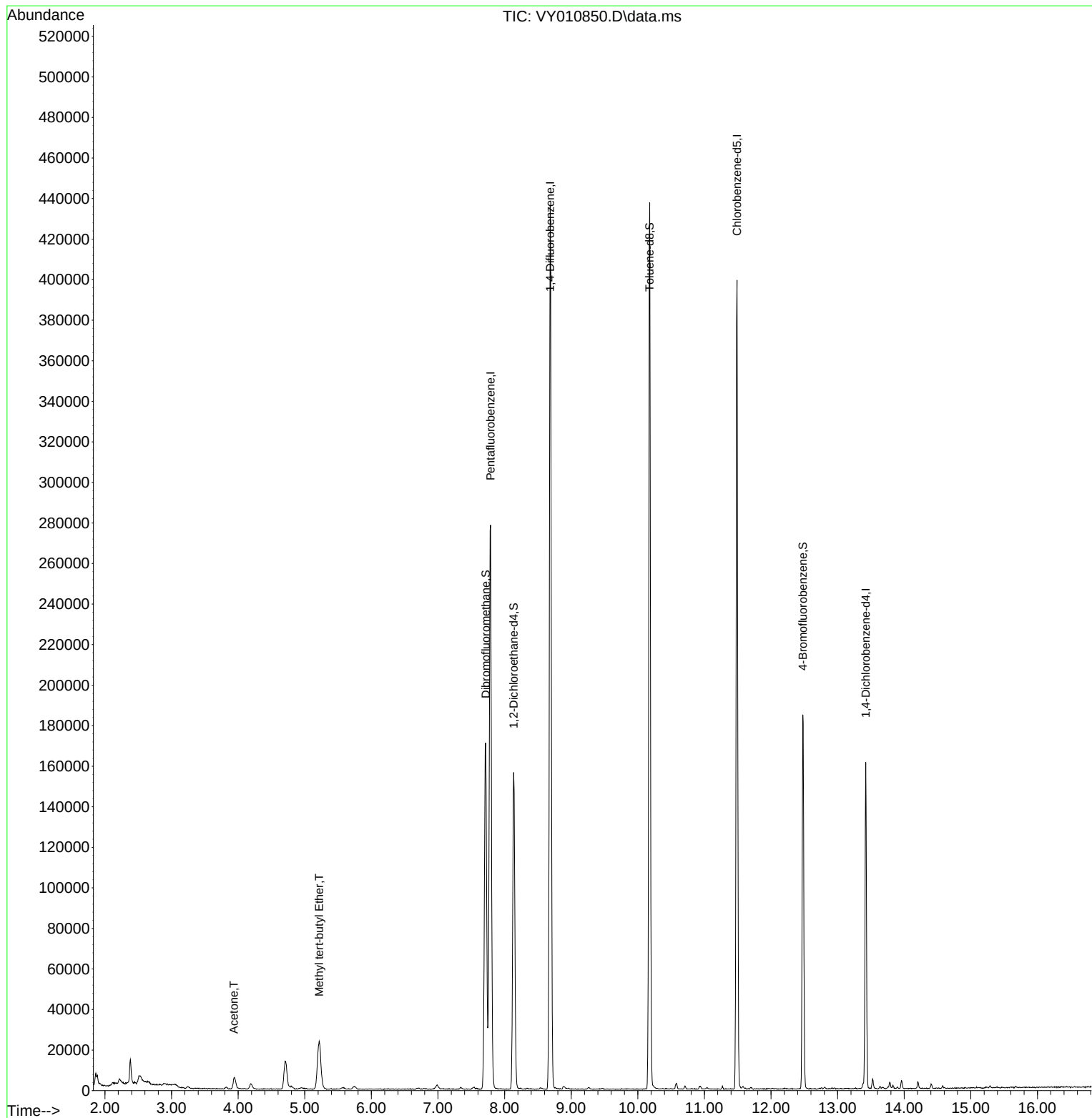
Internal Standards						
1) Pentafluorobenzene	7.789	168	213881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122740	56.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.240%
35) Dibromofluoromethane	7.716	113	123451	50.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.780%
50) Toluene-d8	10.179	98	289065	34.502	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.000%
62) 4-Bromofluorobenzene	12.477	95	56243	14.576	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	29.160%
Target Compounds						
16) Acetone	3.936	43	10713	19.457	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	39488	7.460	ug/l	97

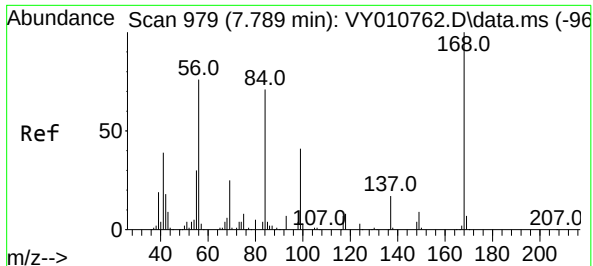
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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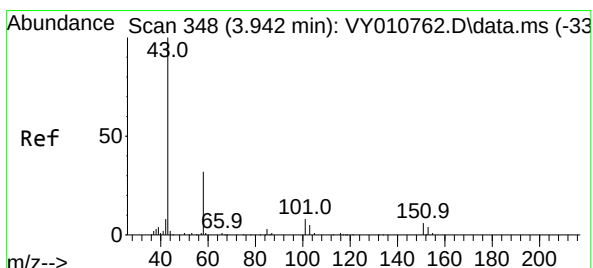
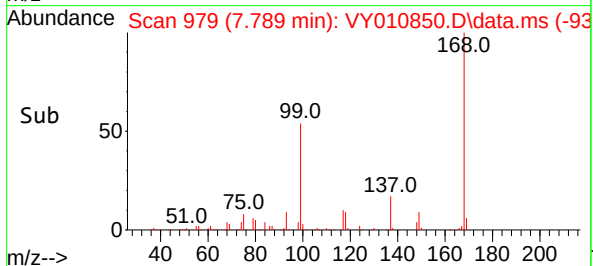
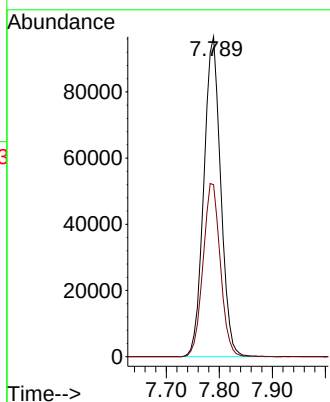
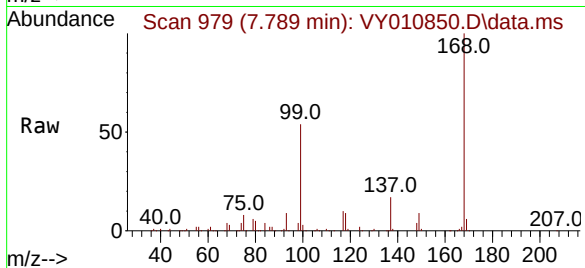




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010850.D
Acq: 06 Oct 2022 17:15

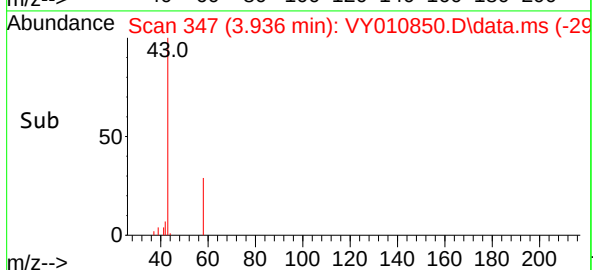
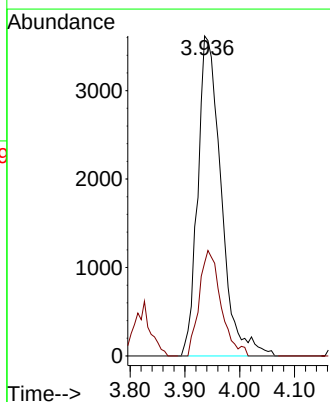
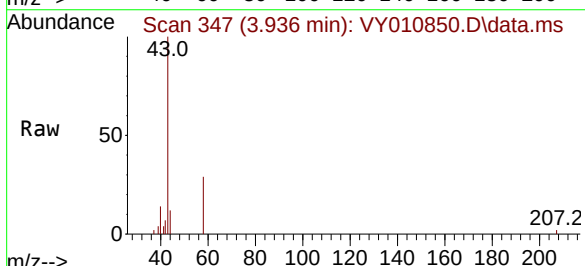
Instrument :
MSVOA_Y
ClientSampleId :
D22010-18RE

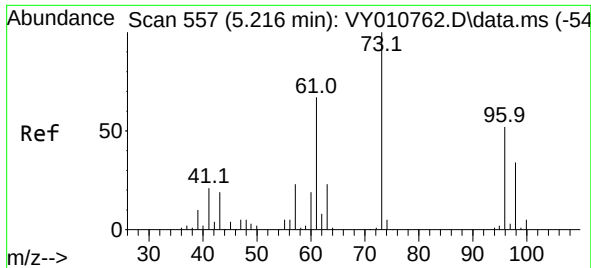
Tgt Ion:168 Resp: 213881
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 19.457 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010850.D
Acq: 06 Oct 2022 17:15

Tgt Ion: 43 Resp: 10713
Ion Ratio Lower Upper
43 100
58 29.1 22.0 33.0

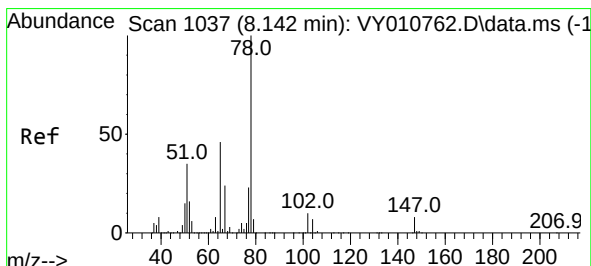
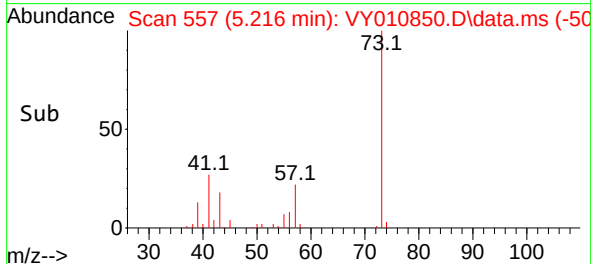
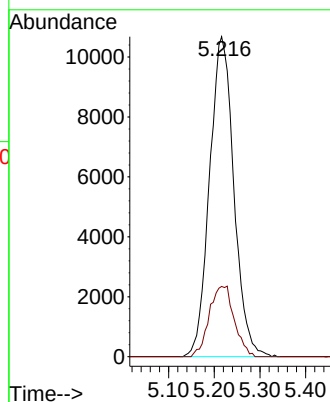
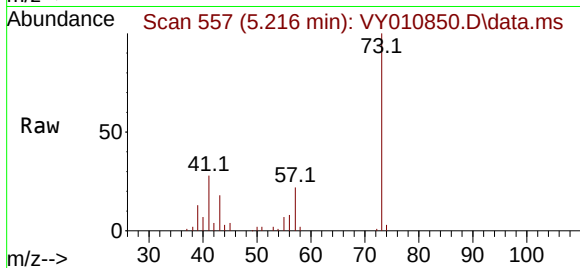




#19
Methyl tert-butyl Ether
Concen: 7.460 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010850.D
Acq: 06 Oct 2022 17:15

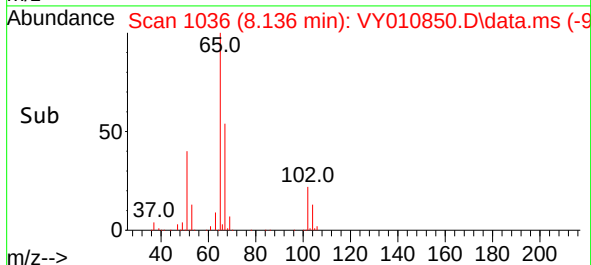
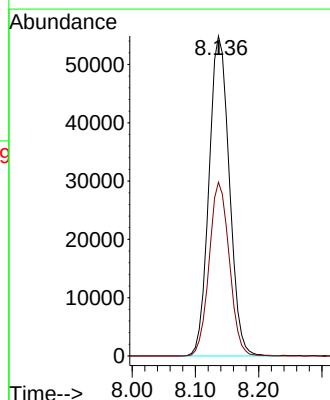
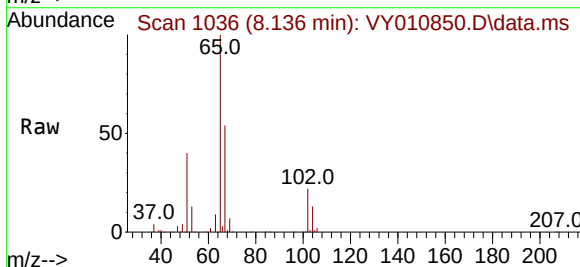
Instrument :
MSVOA_Y
ClientSampleId :
D22010-18RE

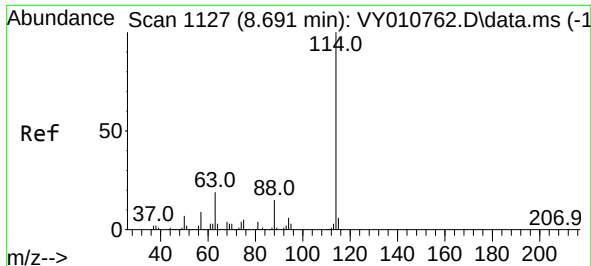
Tgt Ion: 73 Resp: 39488
Ion Ratio Lower Upper
73 100
57 21.9 18.6 27.8



#33
1,2-Dichloroethane-d4
Concen: 56.616 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010850.D
Acq: 06 Oct 2022 17:15

Tgt Ion: 65 Resp: 122740
Ion Ratio Lower Upper
65 100
67 53.6 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: VY010850.D

Acq: 06 Oct 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

D22010-18RE

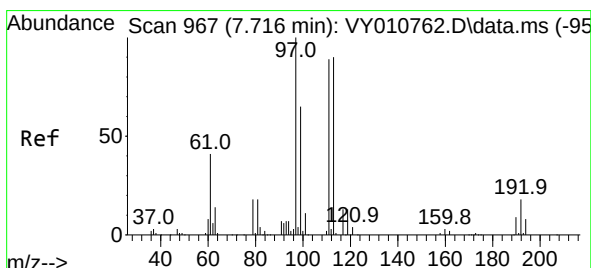
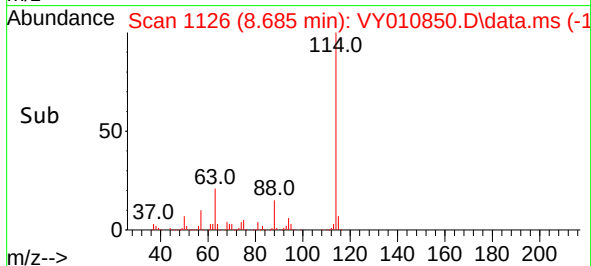
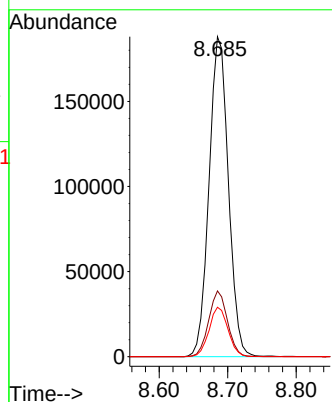
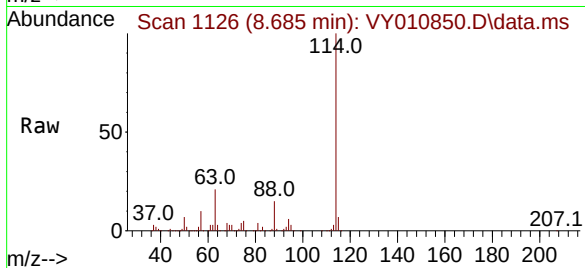
Tgt Ion:114 Resp: 369059

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.391 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010850.D

Acq: 06 Oct 2022 17:15

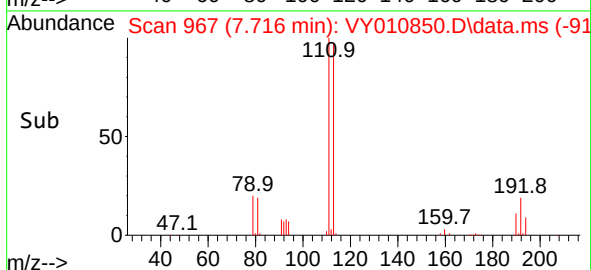
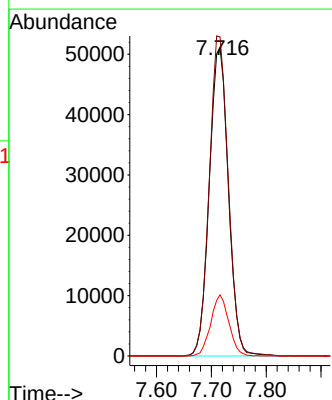
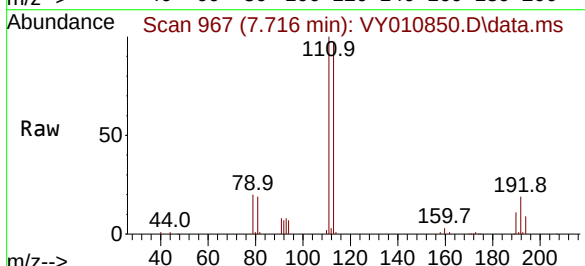
Tgt Ion:113 Resp: 123451

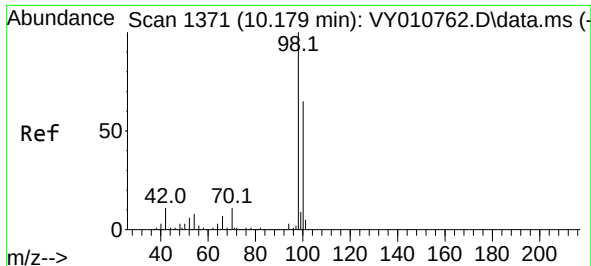
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 18.7 17.6 26.4

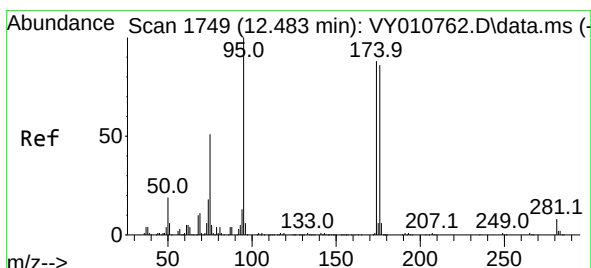
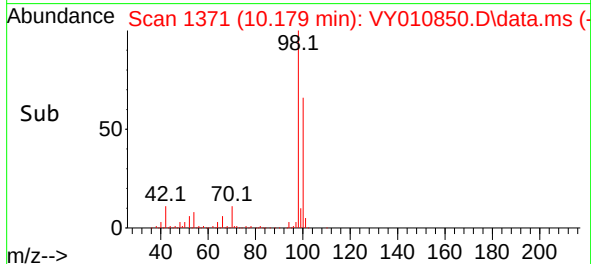
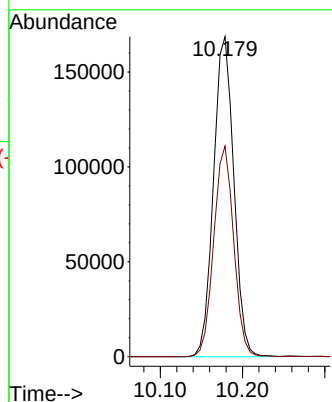
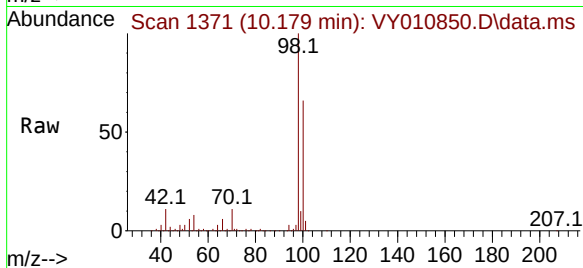




#50
Toluene-d8
Concen: 34.502 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010850.D
Acq: 06 Oct 2022 17:15

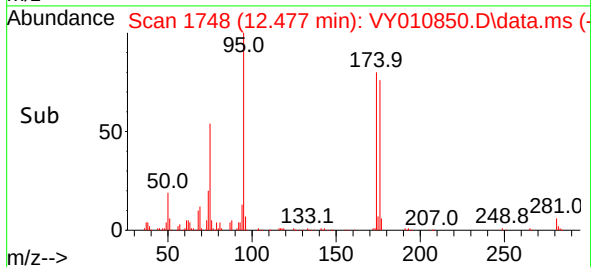
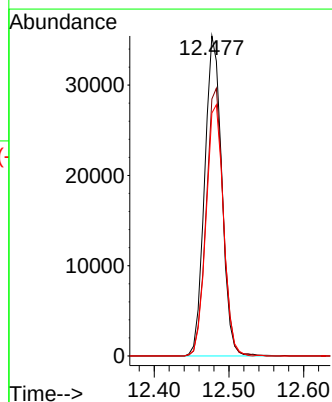
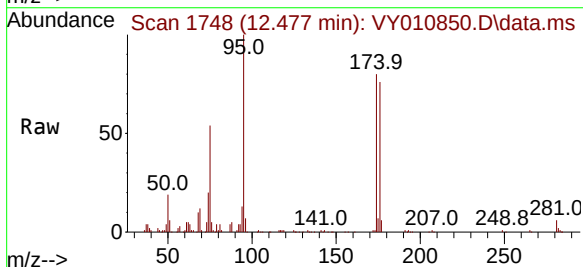
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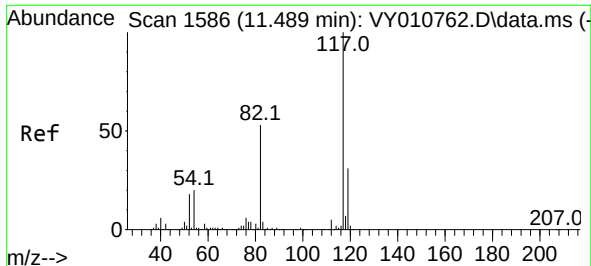
Tgt Ion: 98 Resp: 289065
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 14.576 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010850.D
Acq: 06 Oct 2022 17:15

Tgt Ion: 95 Resp: 56243
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.2 0.0 175.8

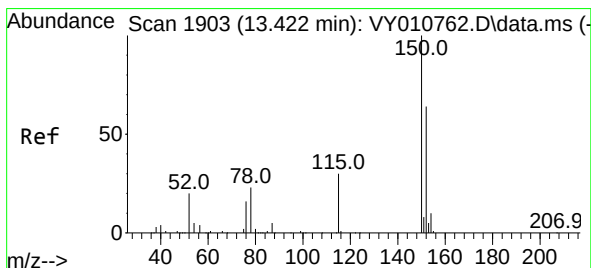
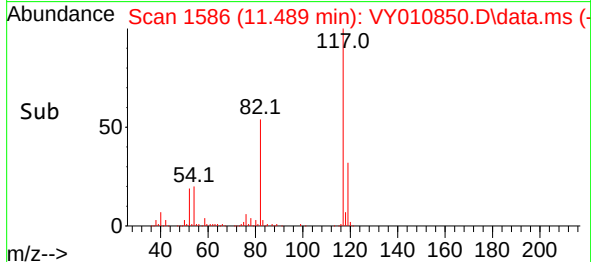
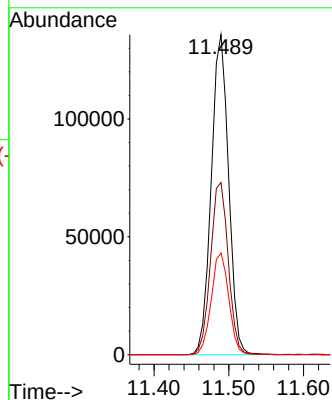
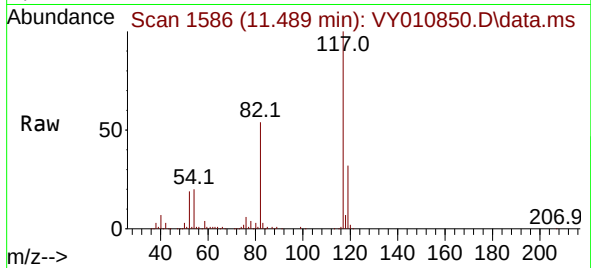




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010850.D
Acq: 06 Oct 2022 17:15

Instrument :
MSVOA_Y
ClientSampleId :
D22010-18RE

Tgt Ion:117 Resp: 218874
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.8 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: VY010850.D
Acq: 06 Oct 2022 17:15

Tgt Ion:152 Resp: 40010
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 159.0 0.0 347.6

