

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014847.D
 Acq On : 26 Jul 2023 14:19
 Operator : SY/MD
 Sample : 03717-01
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jul 26 14:37:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

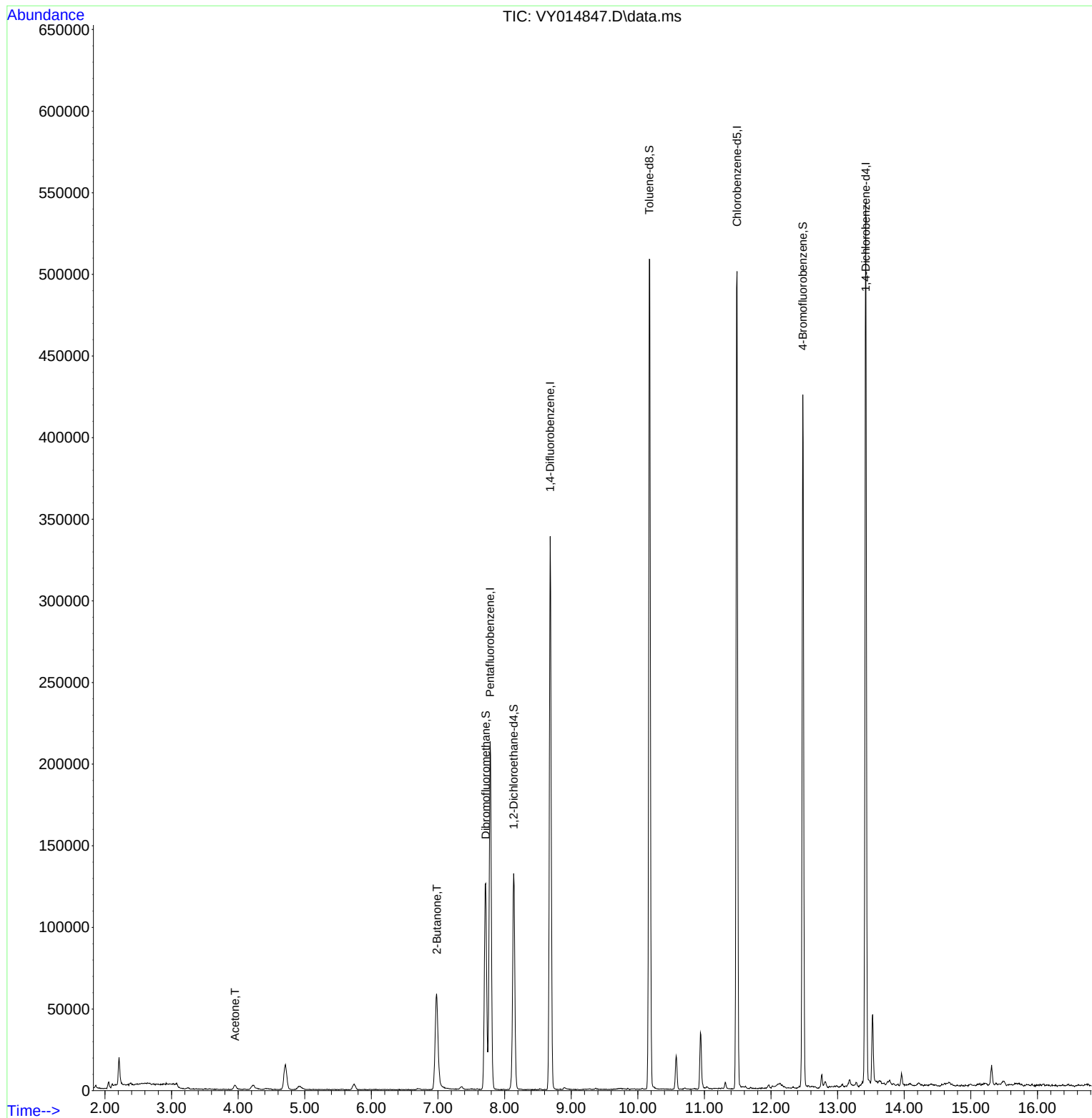
Internal Standards						
1) Pentafluorobenzene	7.783	168	162930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103128	55.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.100%
35) Dibromofluoromethane	7.716	113	91860	50.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.800%
50) Toluene-d8	10.173	98	343072	51.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.120%
62) 4-Bromofluorobenzene	12.477	95	129055	50.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.180%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	4845	8.235	ug/l	94
25) 2-Butanone	6.984	43	7041	8.180	ug/l #	89

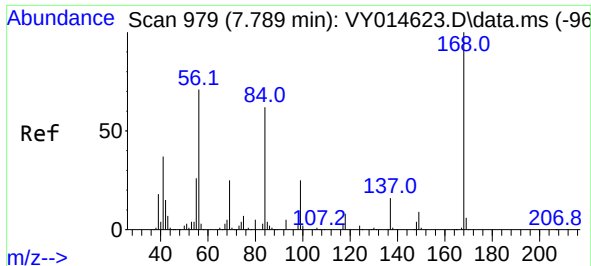
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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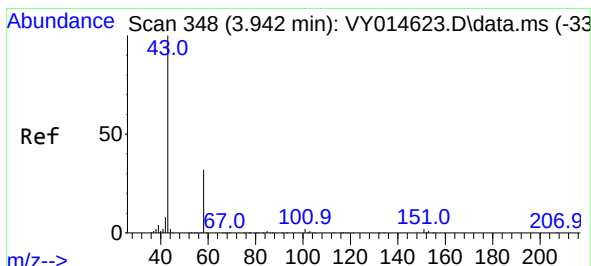
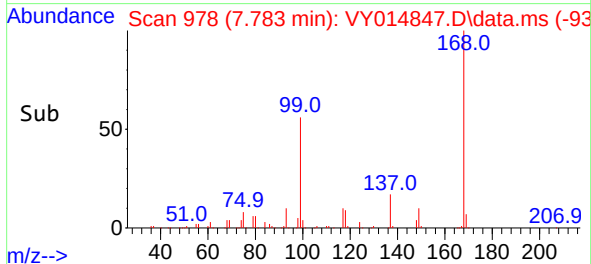
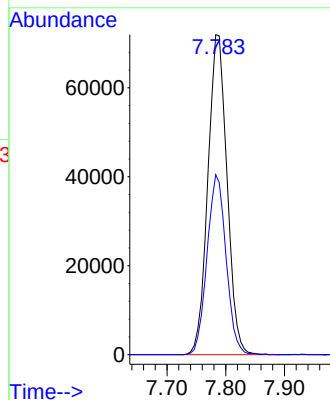
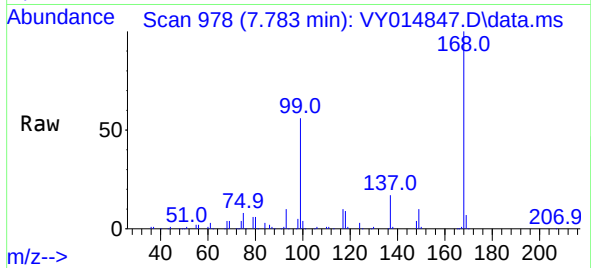




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

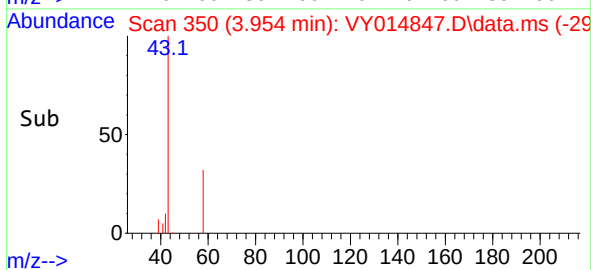
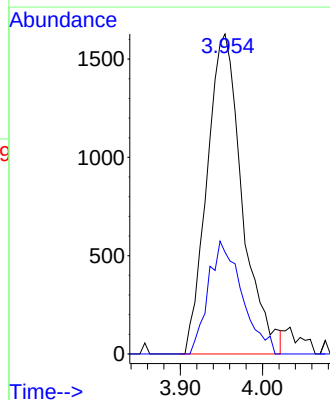
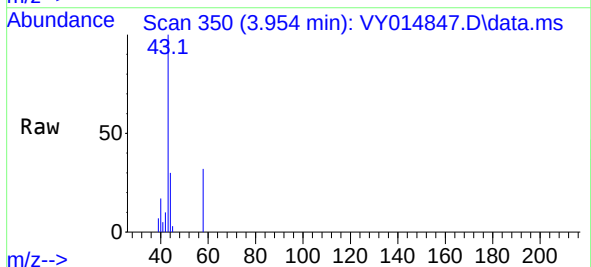
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

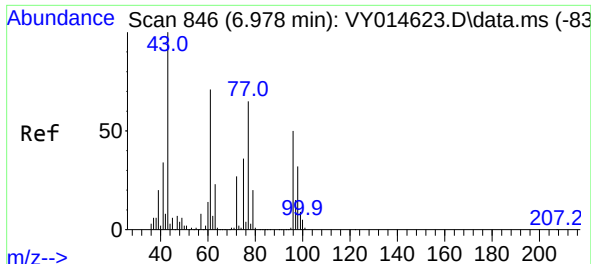
Tgt Ion:168 Resp: 162930
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#16
Acetone
Concen: 8.235 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Tgt Ion: 43 Resp: 4845
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1

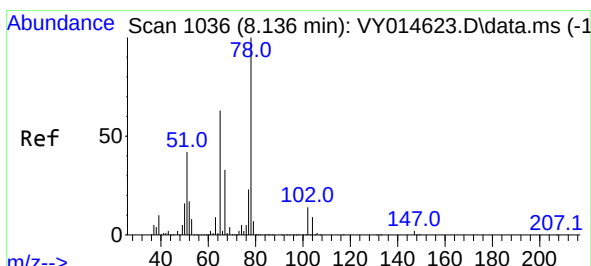
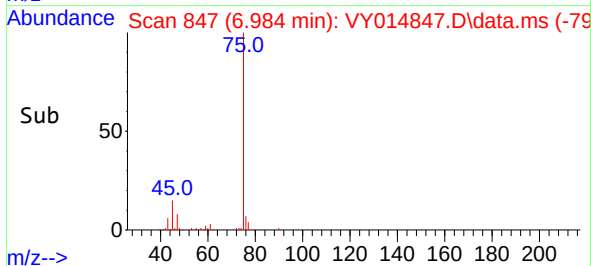
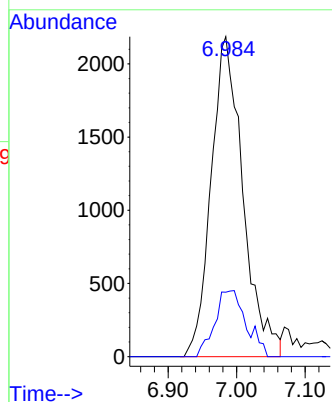
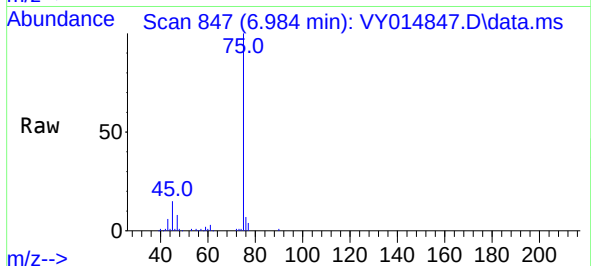




#25
2-Butanone
Concen: 8.180 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

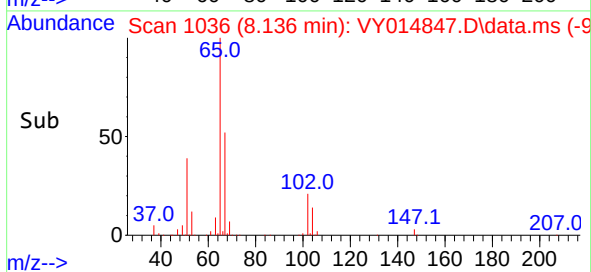
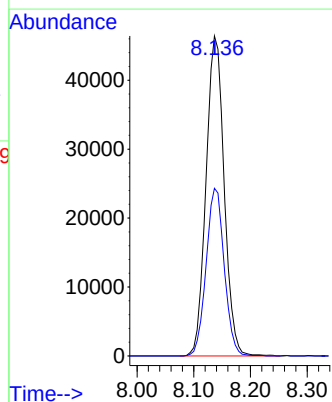
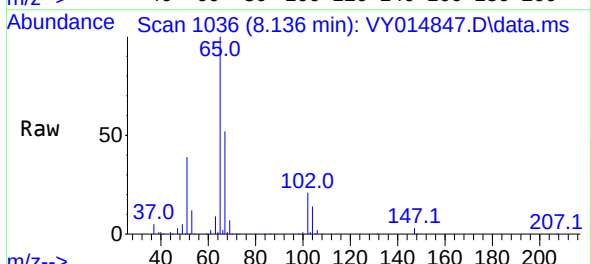
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

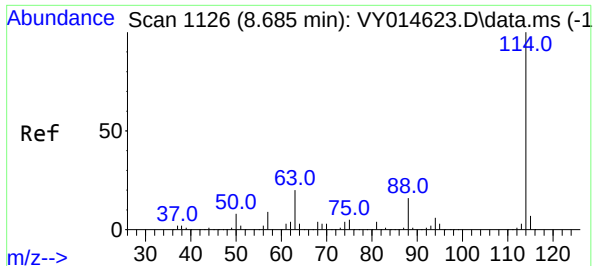
Tgt Ion: 43 Resp: 7041
Ion Ratio Lower Upper
43 100
72 20.1 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 55.545 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Tgt Ion: 65 Resp: 103128
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014847.D

Acq: 26 Jul 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

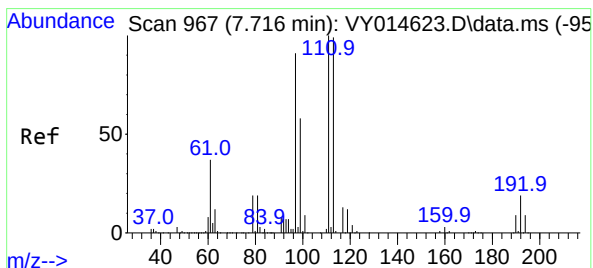
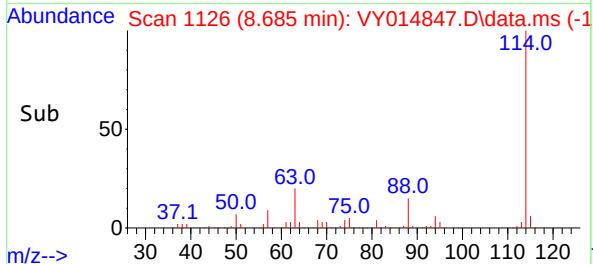
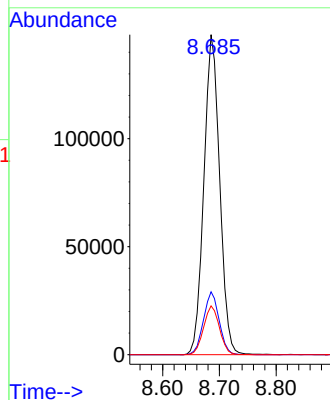
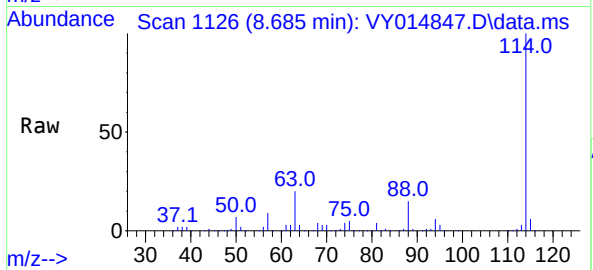
Tgt Ion:114 Resp: 286310

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.401 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014847.D

Acq: 26 Jul 2023 14:19

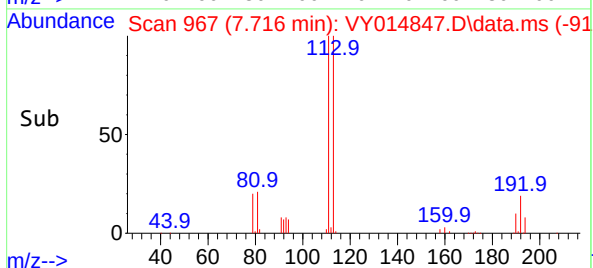
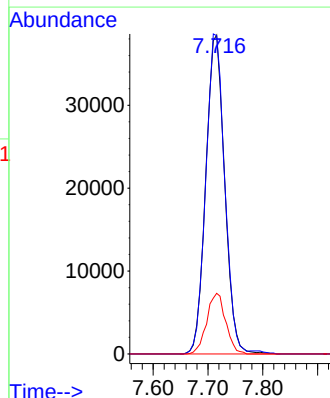
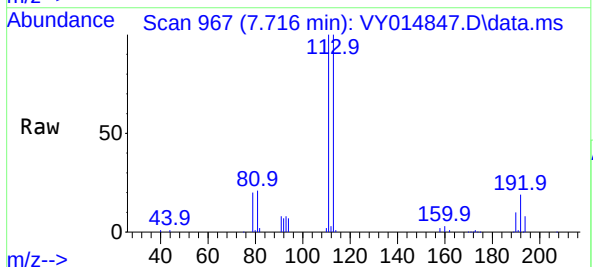
Tgt Ion:113 Resp: 91860

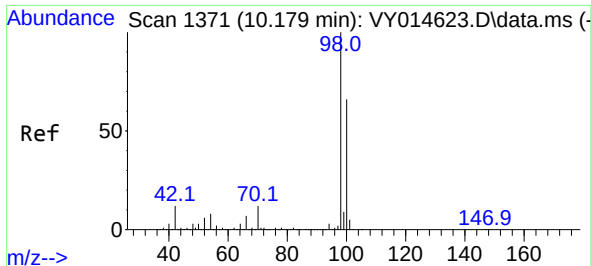
Ion Ratio Lower Upper

113 100

111 100.2 81.3 121.9

192 19.1 16.9 25.3

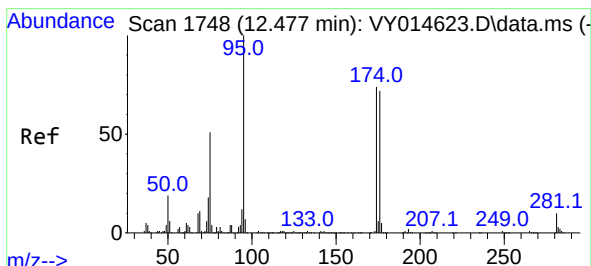
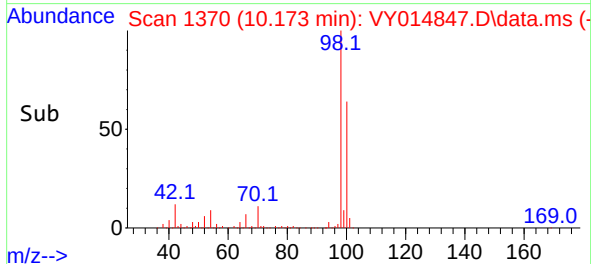
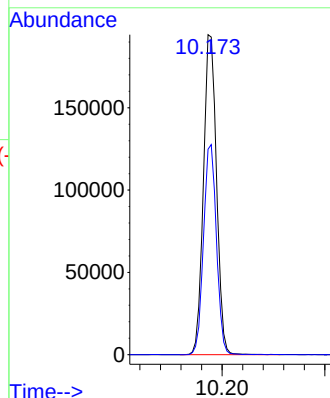
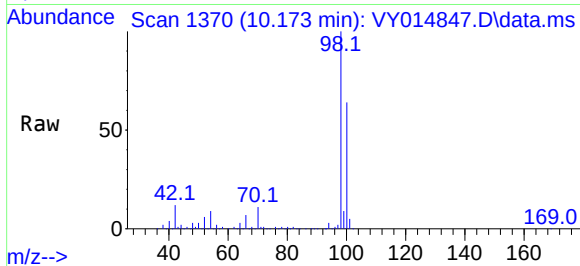




#50
Toluene-d8
Concen: 51.056 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

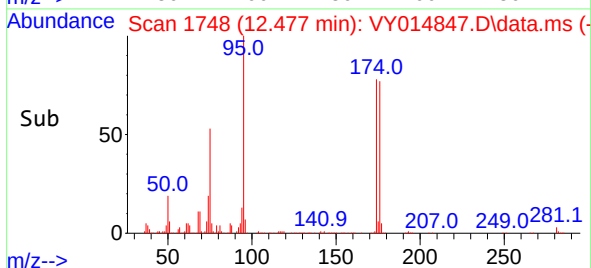
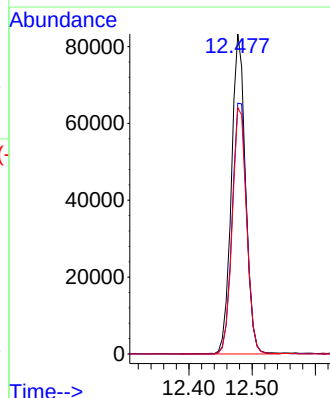
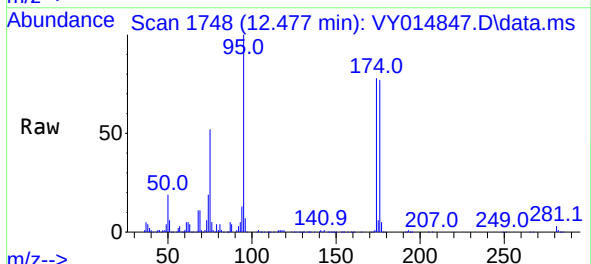
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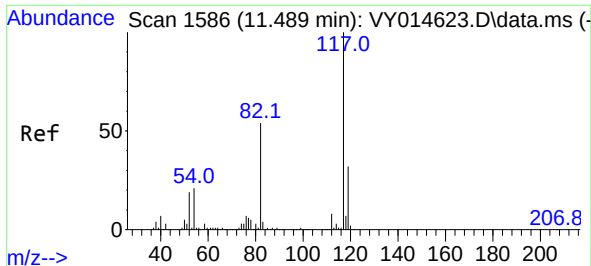
Tgt Ion: 98 Resp: 343072
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.089 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Tgt Ion: 95 Resp: 129055
Ion Ratio Lower Upper
95 100
174 81.2 0.0 178.2
176 78.3 0.0 173.8

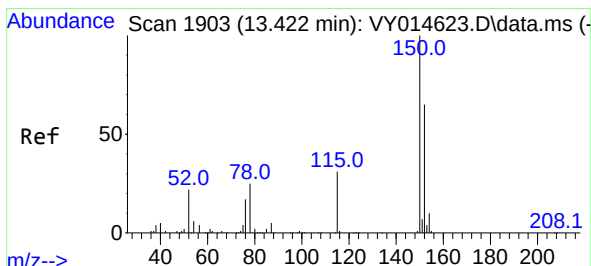
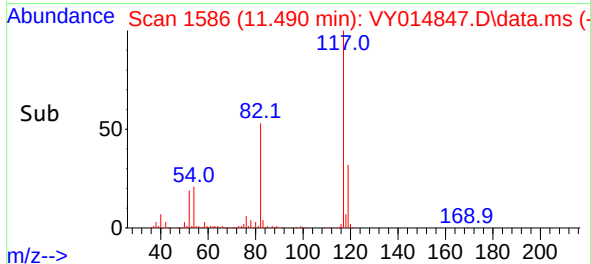
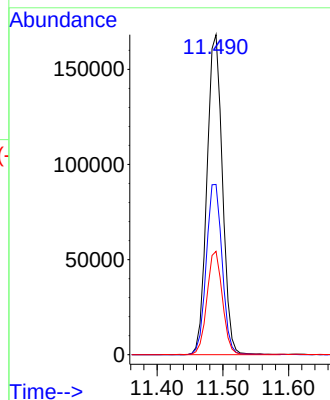
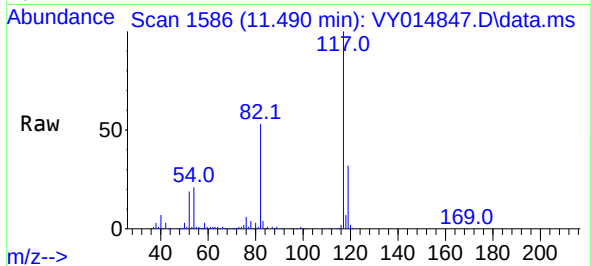




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 275591
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Tgt Ion:152 Resp: 133815
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 156.0 0.0 348.8

