

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015863.D
 Acq On : 06 Oct 2023 15:35
 Operator : SY/MD
 Sample : 04733-01
 Misc : 10.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20231004-WC1

Quant Time: Oct 07 07:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

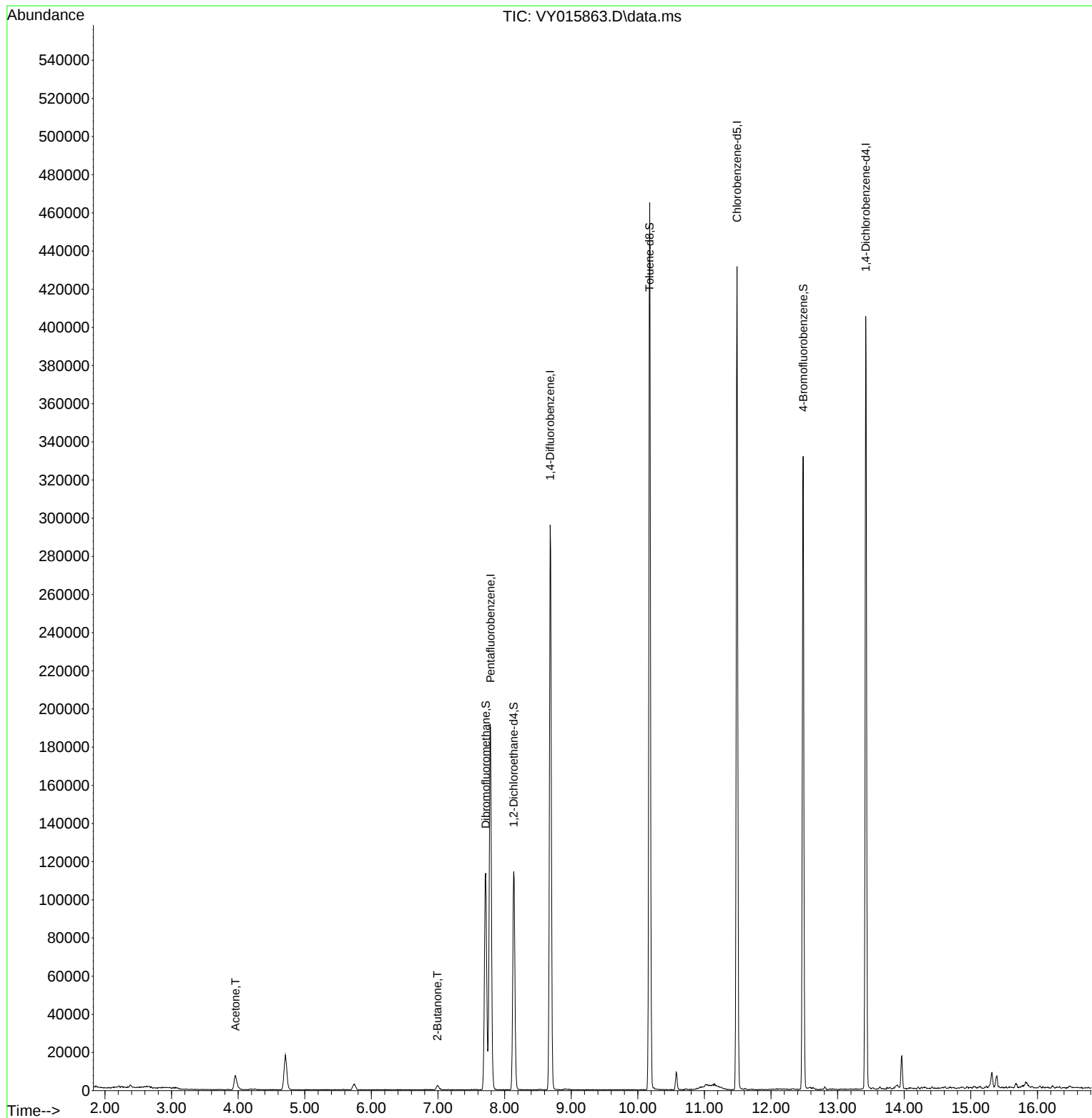
Internal Standards						
1) Pentafluorobenzene	7.789	168	152741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	258717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88687	59.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.040%
35) Dibromofluoromethane	7.716	113	81574	55.316	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.640%
50) Toluene-d8	10.179	98	301882	63.051	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	126.100%
62) 4-Bromofluorobenzene	12.483	95	98445	50.302	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.600%
Target Compounds						
						Qvalue
16) Acetone	3.960	43	14719	18.906	ug/l	# 75
25) 2-Butanone	6.990	43	4087	3.816	ug/l	96

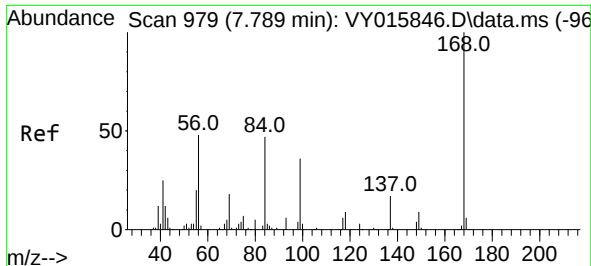
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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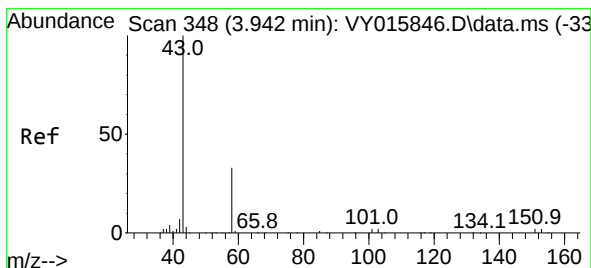
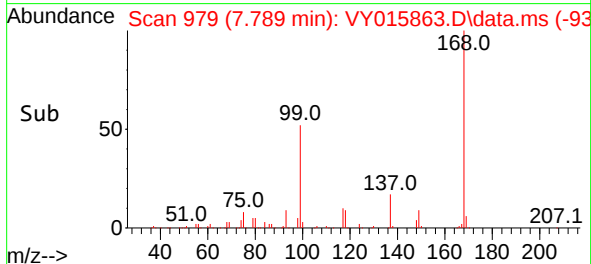
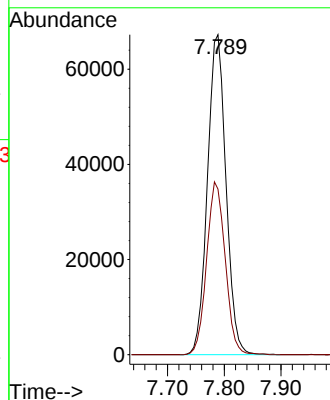
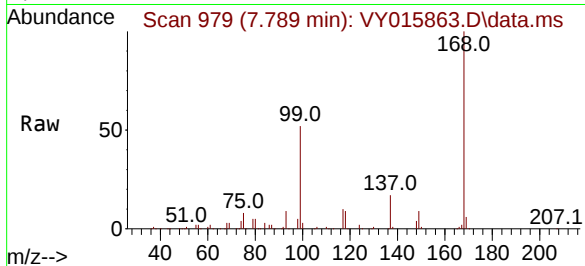




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015863.D
Acq: 06 Oct 2023 15:35

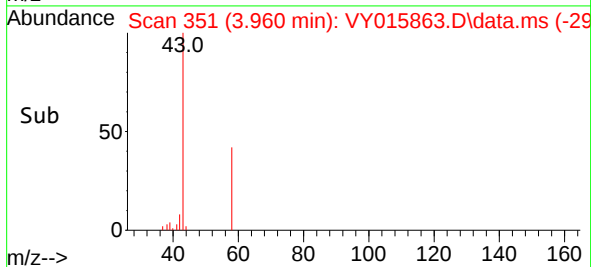
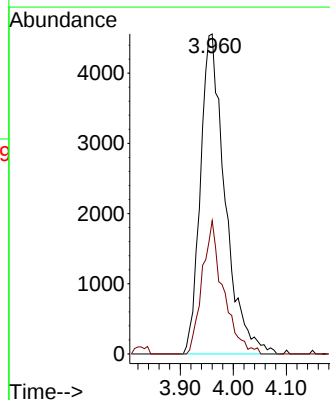
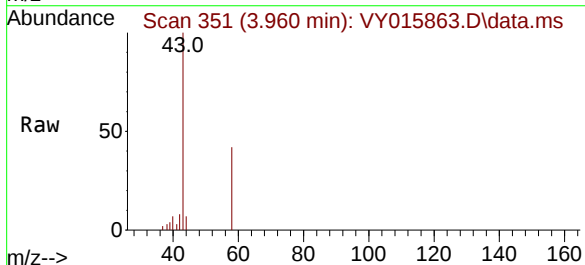
Instrument :
MSVOA_Y
ClientSampleId :
20231004-WC1

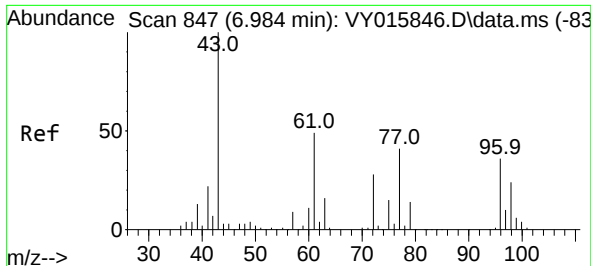
Tgt Ion:168 Resp: 152741
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#16
Acetone
Concen: 18.906 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015863.D
Acq: 06 Oct 2023 15:35

Tgt Ion: 43 Resp: 14719
Ion Ratio Lower Upper
43 100
58 41.6 22.7 34.1#





#25

2-Butanone

Concen: 3.816 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015863.D

Acq: 06 Oct 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

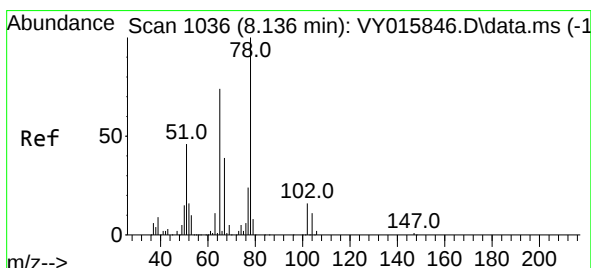
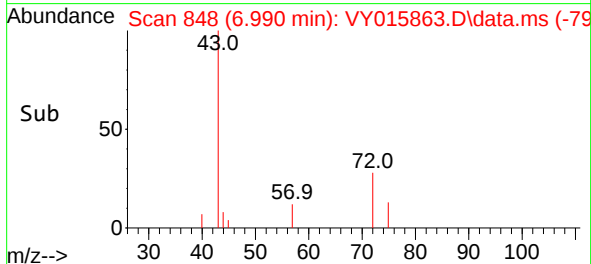
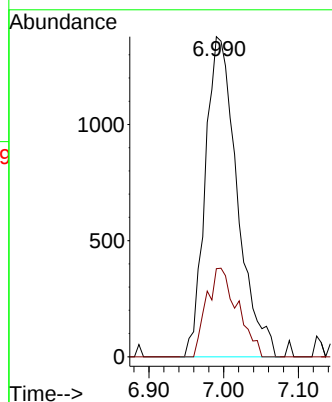
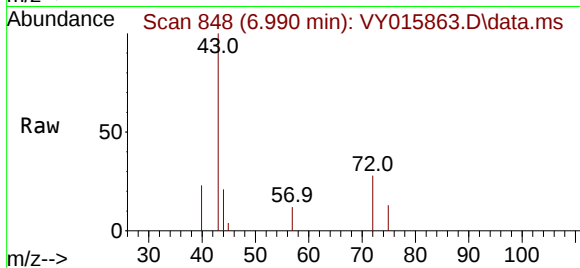
20231004-WC1

Tgt Ion: 43 Resp: 4087

Ion Ratio Lower Upper

43 100

72 27.5 20.5 30.7



#33

1,2-Dichloroethane-d4

Concen: 59.018 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015863.D

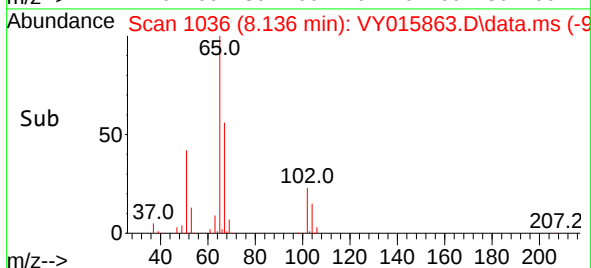
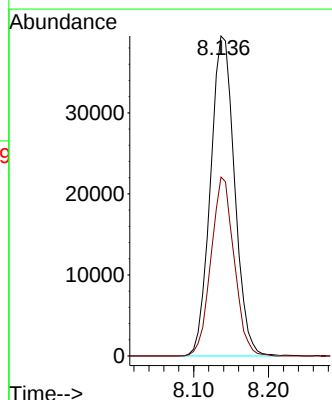
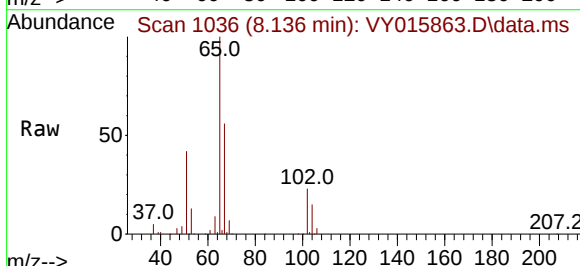
Acq: 06 Oct 2023 15:35

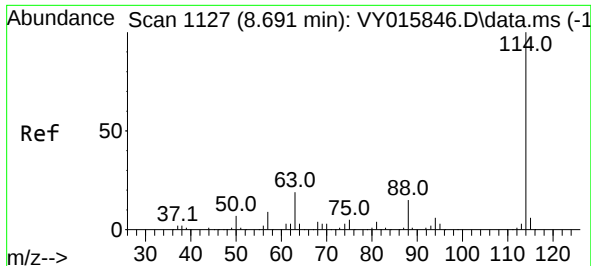
Tgt Ion: 65 Resp: 88687

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015863.D

Acq: 06 Oct 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

20231004-WC1

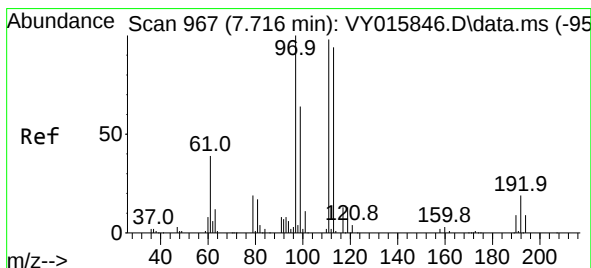
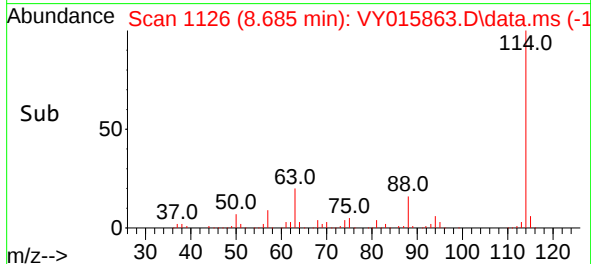
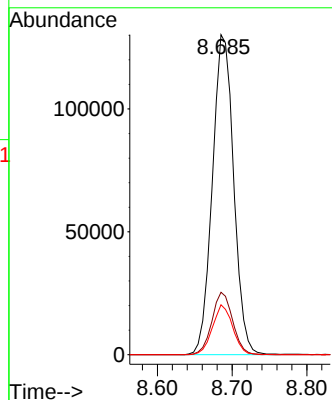
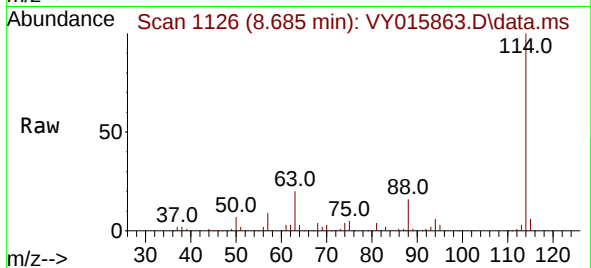
Tgt Ion:114 Resp: 258717

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.316 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015863.D

Acq: 06 Oct 2023 15:35

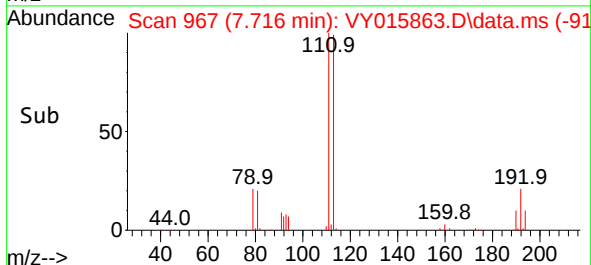
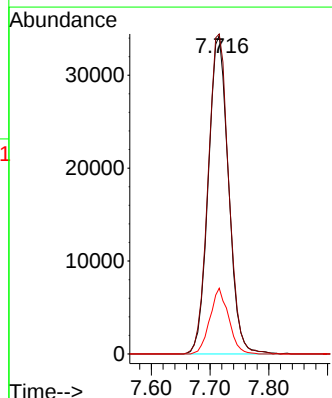
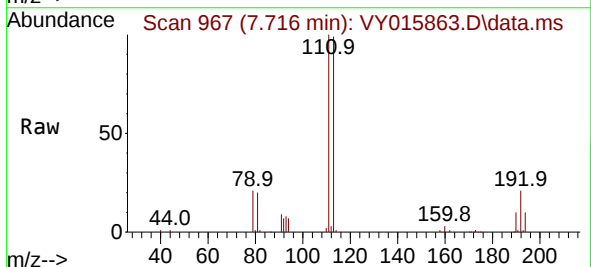
Tgt Ion:113 Resp: 81574

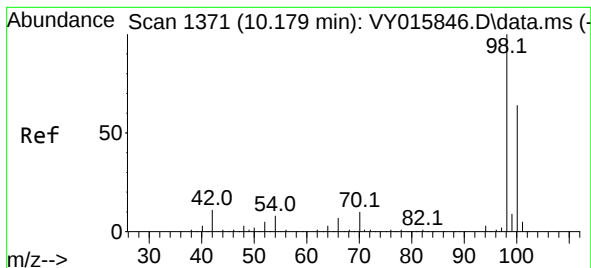
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 19.2 16.9 25.3





#50

Toluene-d8

Concen: 63.051 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015863.D

Acq: 06 Oct 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

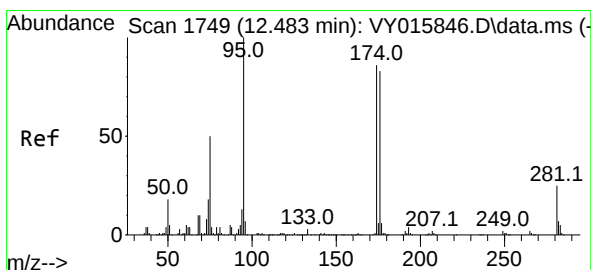
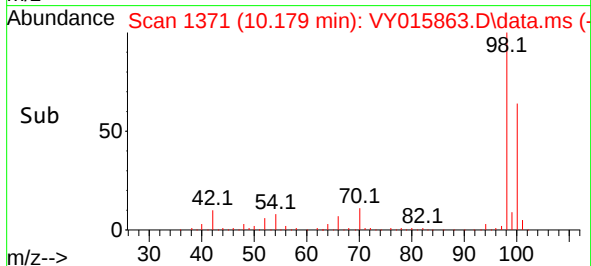
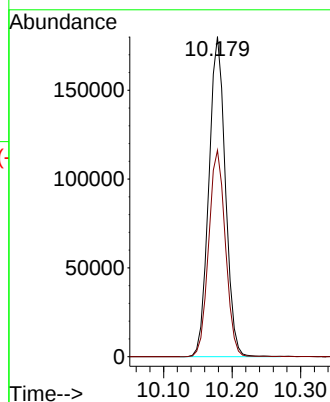
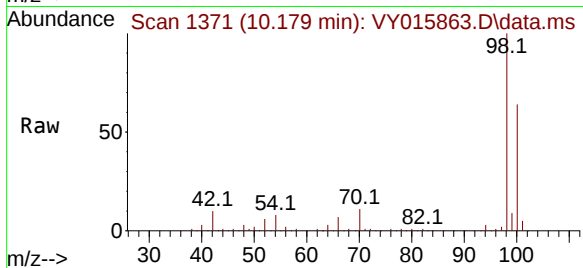
20231004-WC1

Tgt Ion: 98 Resp: 301882

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.302 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY015863.D

Acq: 06 Oct 2023 15:35

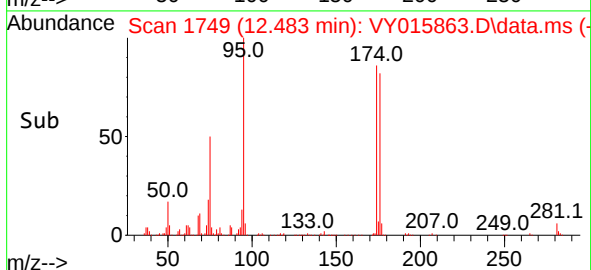
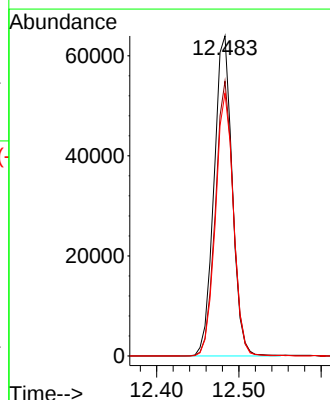
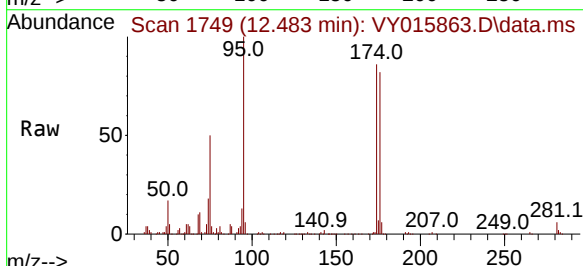
Tgt Ion: 95 Resp: 98445

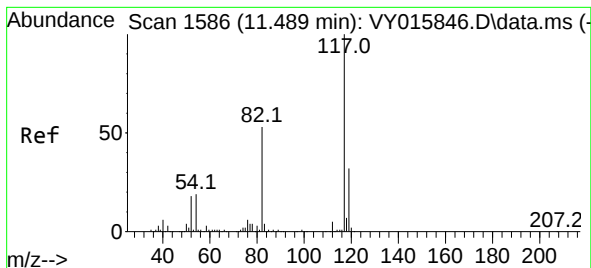
Ion Ratio Lower Upper

95 100

174 84.4 0.0 178.2

176 80.7 0.0 173.8

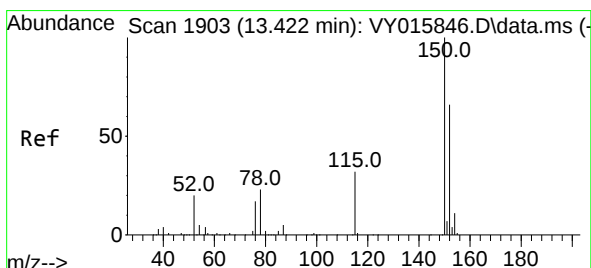
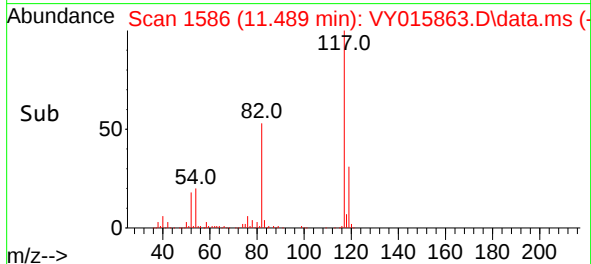
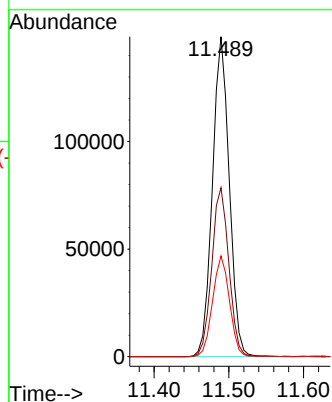
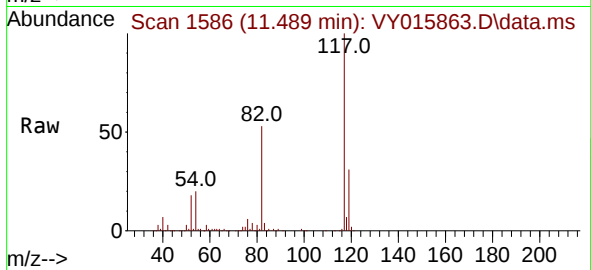




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015863.D
Acq: 06 Oct 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :
20231004-WC1

Tgt Ion:117 Resp: 232902
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.5 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: VY015863.D
Acq: 06 Oct 2023 15:35

Tgt Ion:152 Resp: 103068
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 159.1 0.0 348.8

