

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012046.D
 Acq On : 03 Jan 2023 14:58
 Operator : KP/MD
 Sample : 01001-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C2

Quant Time: Jan 04 01:18:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

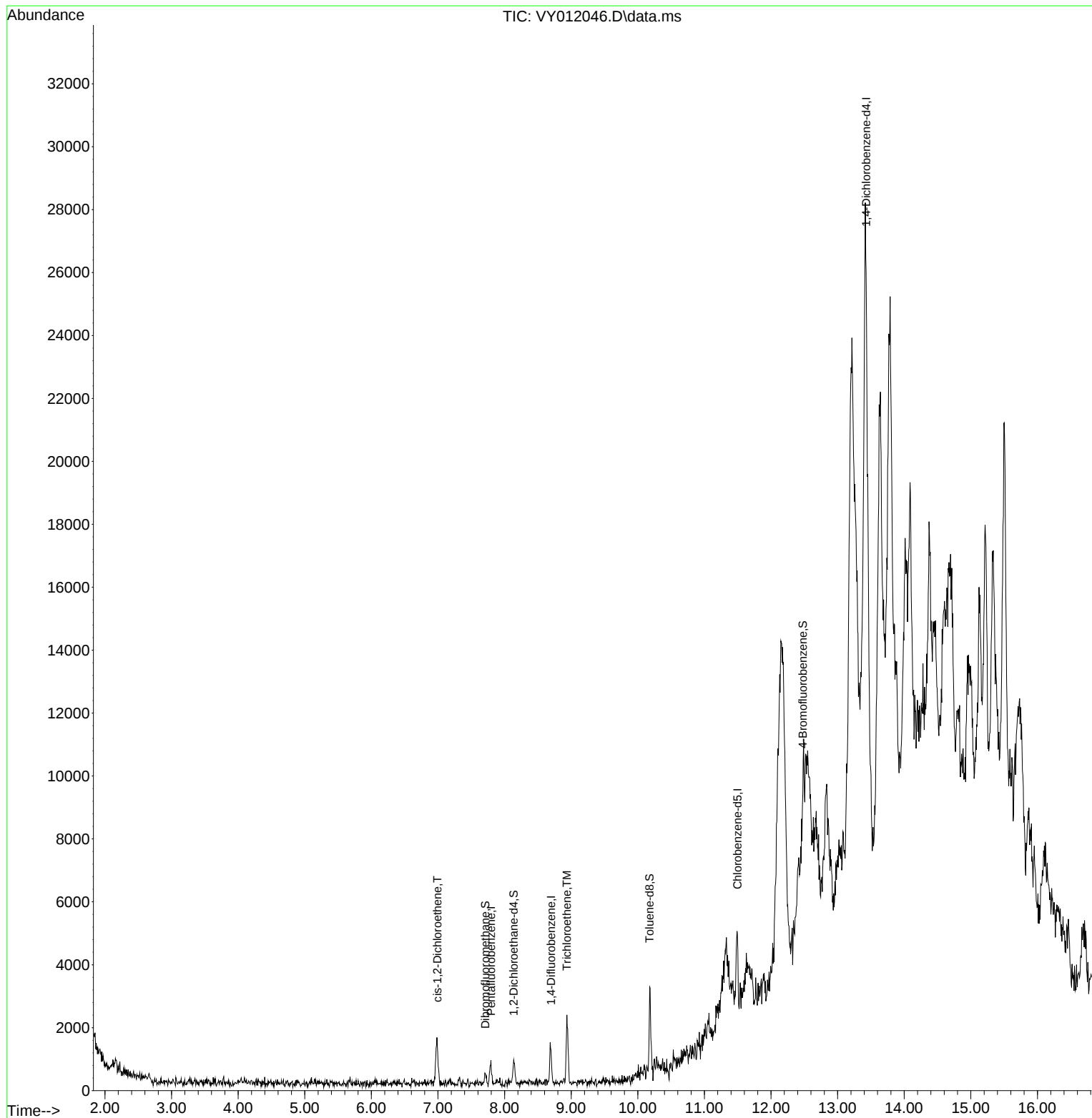
Internal Standards						
1) Pentafluorobenzene	7.795	168	849	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	1598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	1423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	765	89.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	178.880%#
35) Dibromofluoromethane	7.710	113	228	23.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	47.400%#
50) Toluene-d8	10.179	98	1856	47.550	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.477	95	849	64.674	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.340%
Target Compounds						
27) cis-1,2-Dichloroethene	6.990	96	1100	111.432	ug/l	Qvalue 81
44) Trichloroethene	8.935	130	897	72.063	ug/l	91

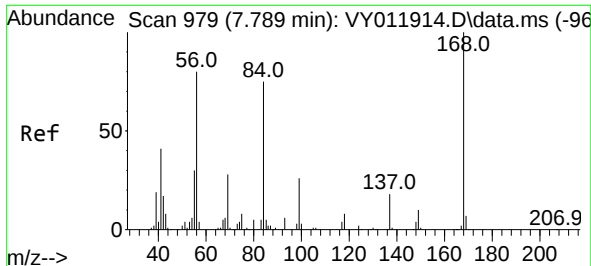
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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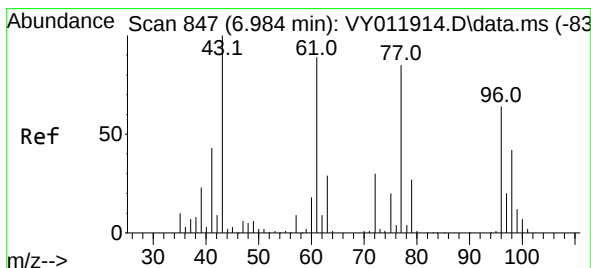
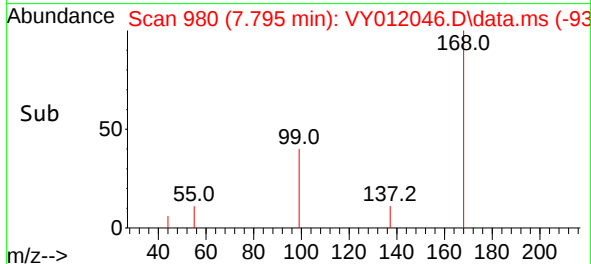
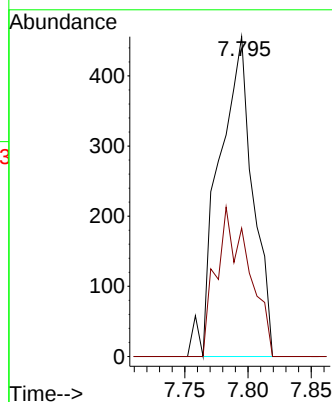
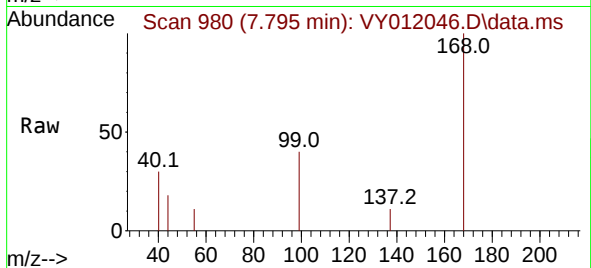




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012046.D
Acq: 03 Jan 2023 14:58

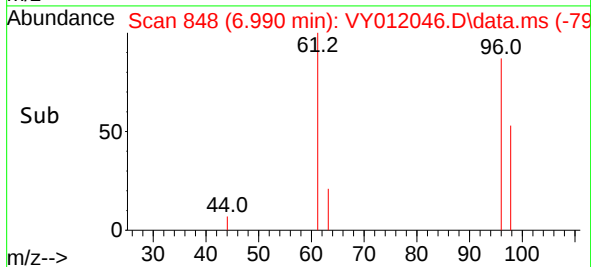
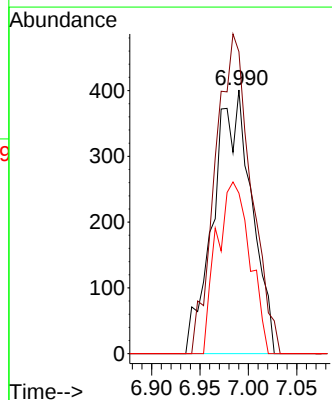
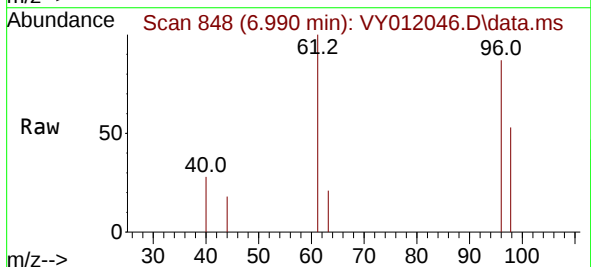
Instrument :
MSVOA_Y
ClientSampleId :
TP-C2

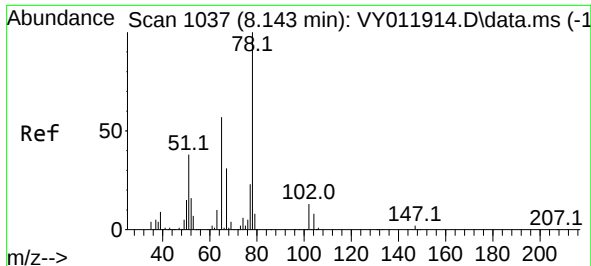
Tgt Ion:168 Resp: 849
Ion Ratio Lower Upper
168 100
99 40.1 44.0 66.0#



#27
cis-1,2-Dichloroethene
Concen: 111.432 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY012046.D
Acq: 03 Jan 2023 14:58

Tgt Ion: 96 Resp: 1100
Ion Ratio Lower Upper
96 100
61 113.7 0.0 283.4
98 56.8 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 89.437 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY012046.D

Acq: 03 Jan 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

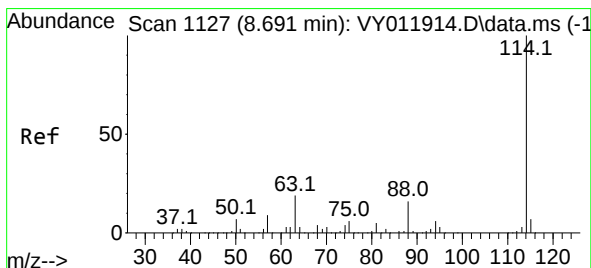
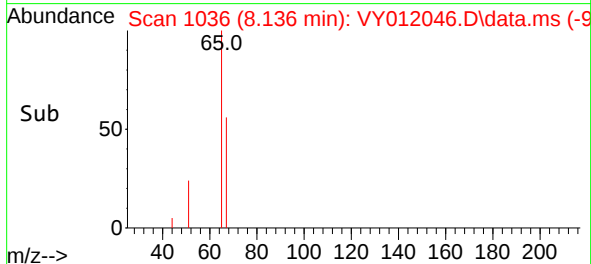
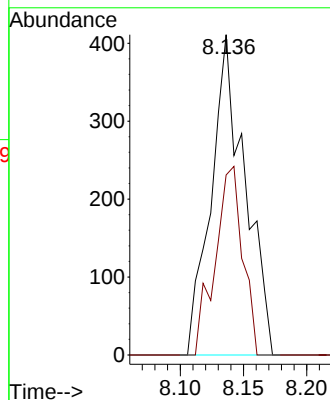
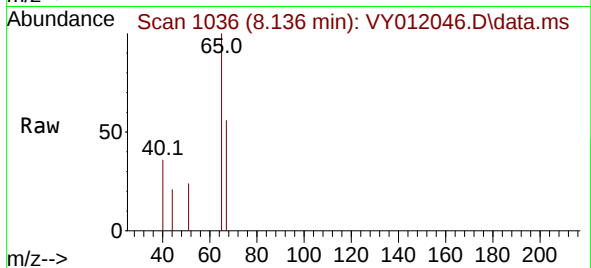
TP-C2

Tgt Ion: 65 Resp: 765

Ion Ratio Lower Upper

65 100

67 48.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY012046.D

Acq: 03 Jan 2023 14:58

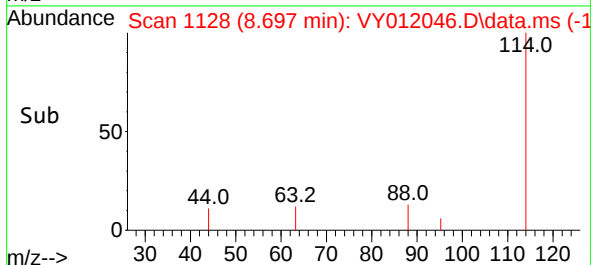
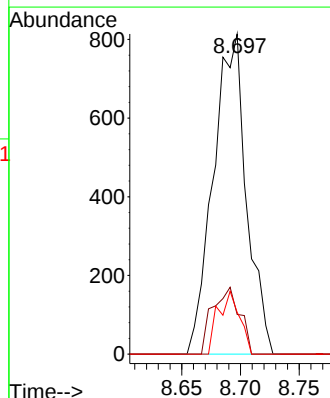
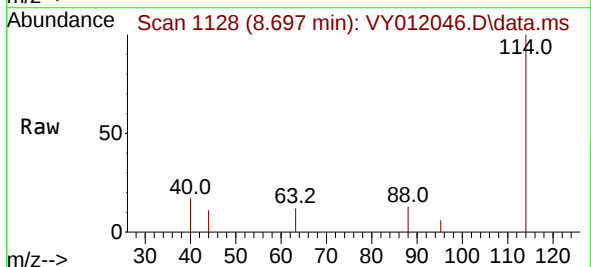
Tgt Ion: 114 Resp: 1598

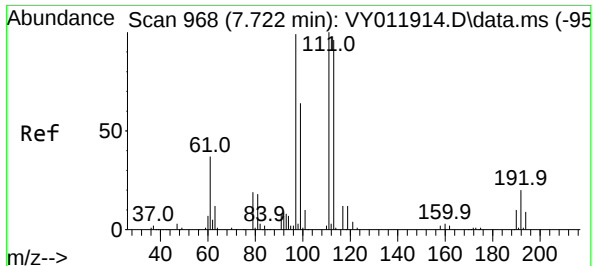
Ion Ratio Lower Upper

114 100

63 12.4 0.0 39.6

88 13.0 0.0 32.2

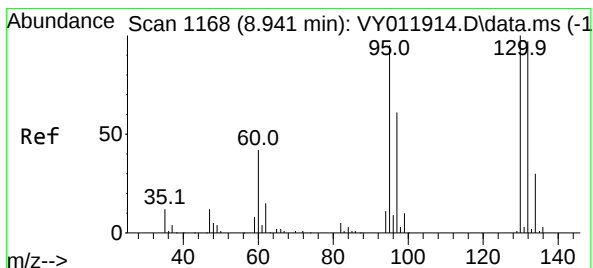
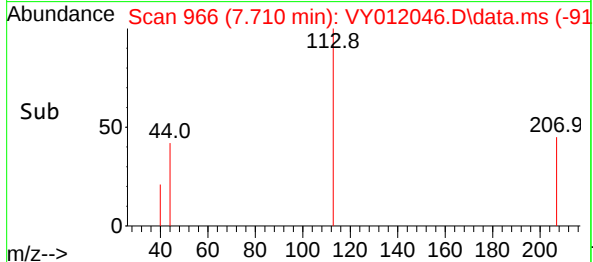
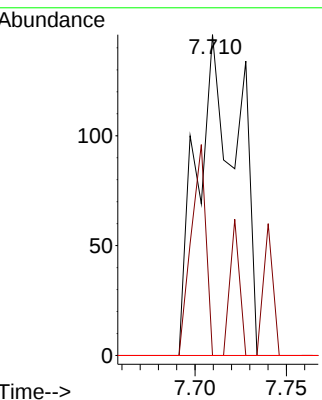
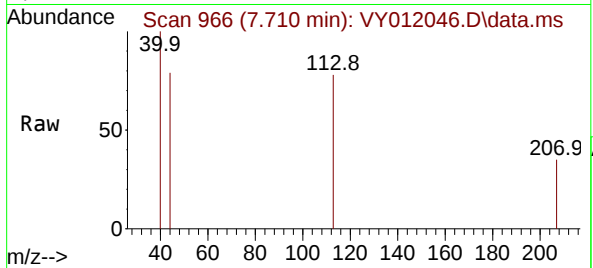




#35
Dibromofluoromethane
Concen: 23.700 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012046.D
Acq: 03 Jan 2023 14:58

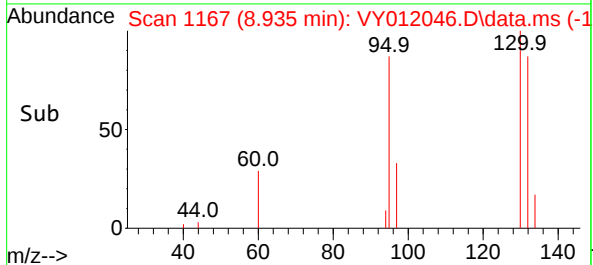
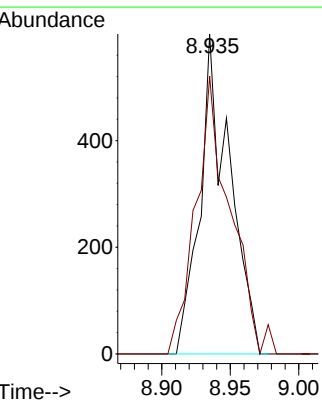
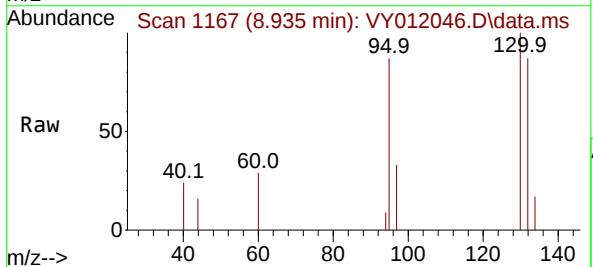
Instrument :
MSVOA_Y
ClientSampleId :
TP-C2

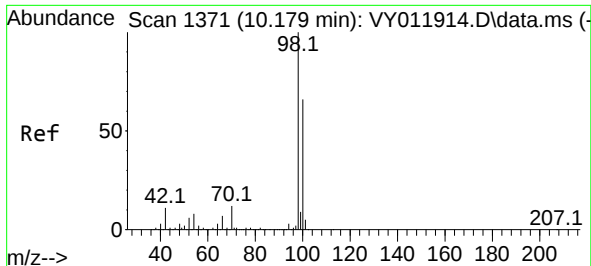
Tgt Ion:113 Resp: 228
Ion Ratio Lower Upper
113 100
111 23.7 83.0 124.4#
192 0.0 16.0 24.0#



#44
Trichloroethene
Concen: 72.063 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012046.D
Acq: 03 Jan 2023 14:58

Tgt Ion:130 Resp: 897
Ion Ratio Lower Upper
130 100
95 86.8 0.0 190.6

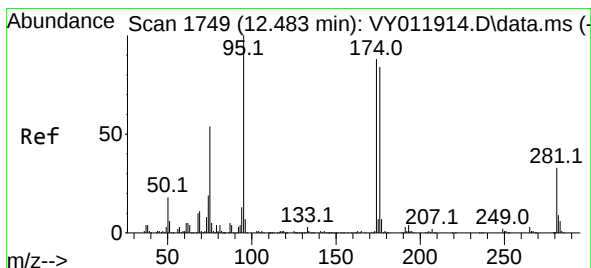
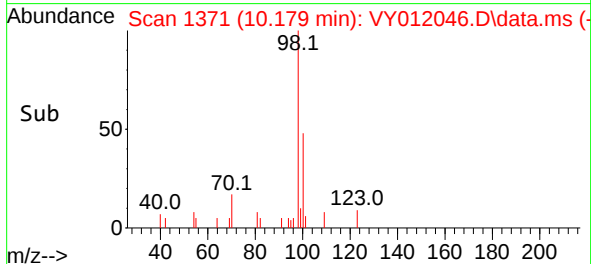
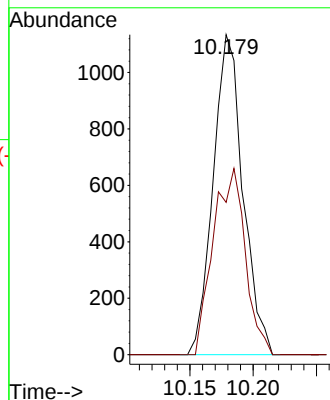
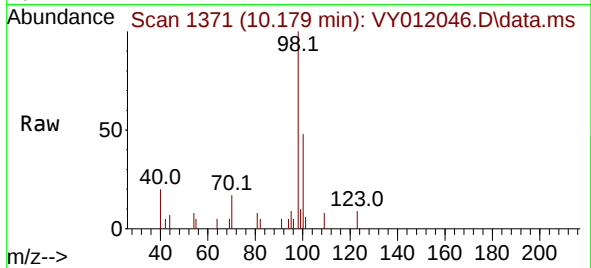




#50
Toluene-d8
Concen: 47.550 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012046.D
Acq: 03 Jan 2023 14:58

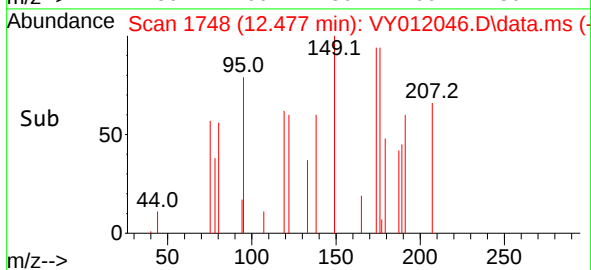
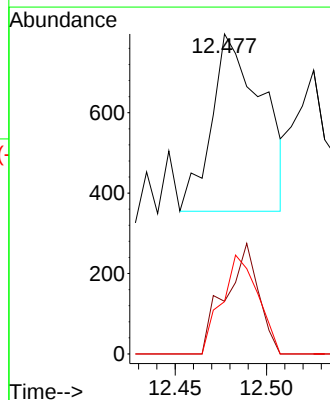
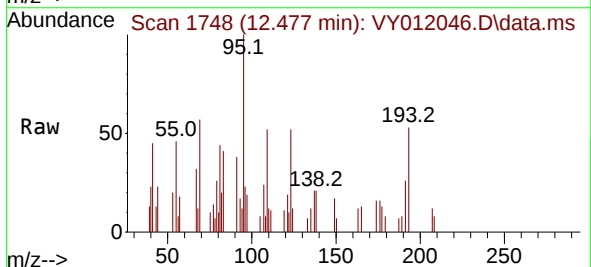
Instrument :
MSVOA_Y
ClientSampleId :
TP-C2

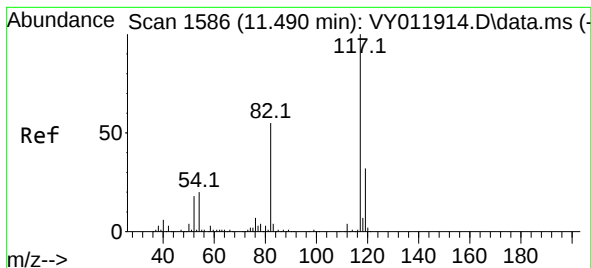
Tgt Ion: 98 Resp: 1856
Ion Ratio Lower Upper
98 100
100 62.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 64.674 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012046.D
Acq: 03 Jan 2023 14:58

Tgt Ion: 95 Resp: 849
Ion Ratio Lower Upper
95 100
174 40.9 0.0 172.0
176 39.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012046.D

Acq: 03 Jan 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-C2

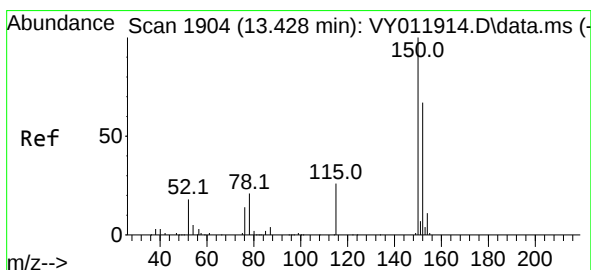
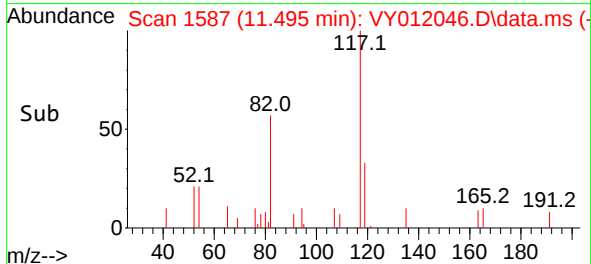
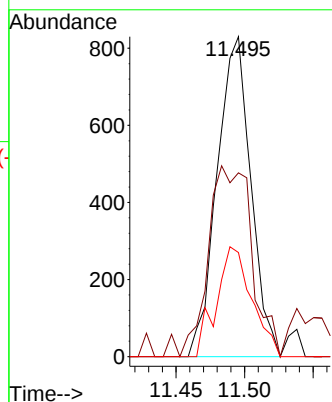
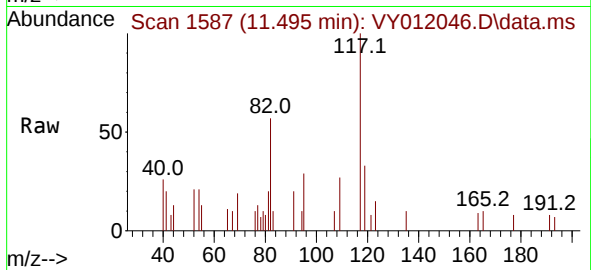
Tgt Ion:117 Resp: 1423

Ion Ratio Lower Upper

117 100

82 57.5 44.8 67.2

119 32.5 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: VY012046.D

Acq: 03 Jan 2023 14:58

Tgt Ion:152 Resp: 745

Ion Ratio Lower Upper

152 100

115 61.3 29.1 87.3

150 129.8 0.0 342.6

