

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009856.D
 Acq On : 05 Aug 2022 17:23
 Operator : KP/MD
 Sample : N3998-10
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ST-1

Quant Time: Aug 06 01:19:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

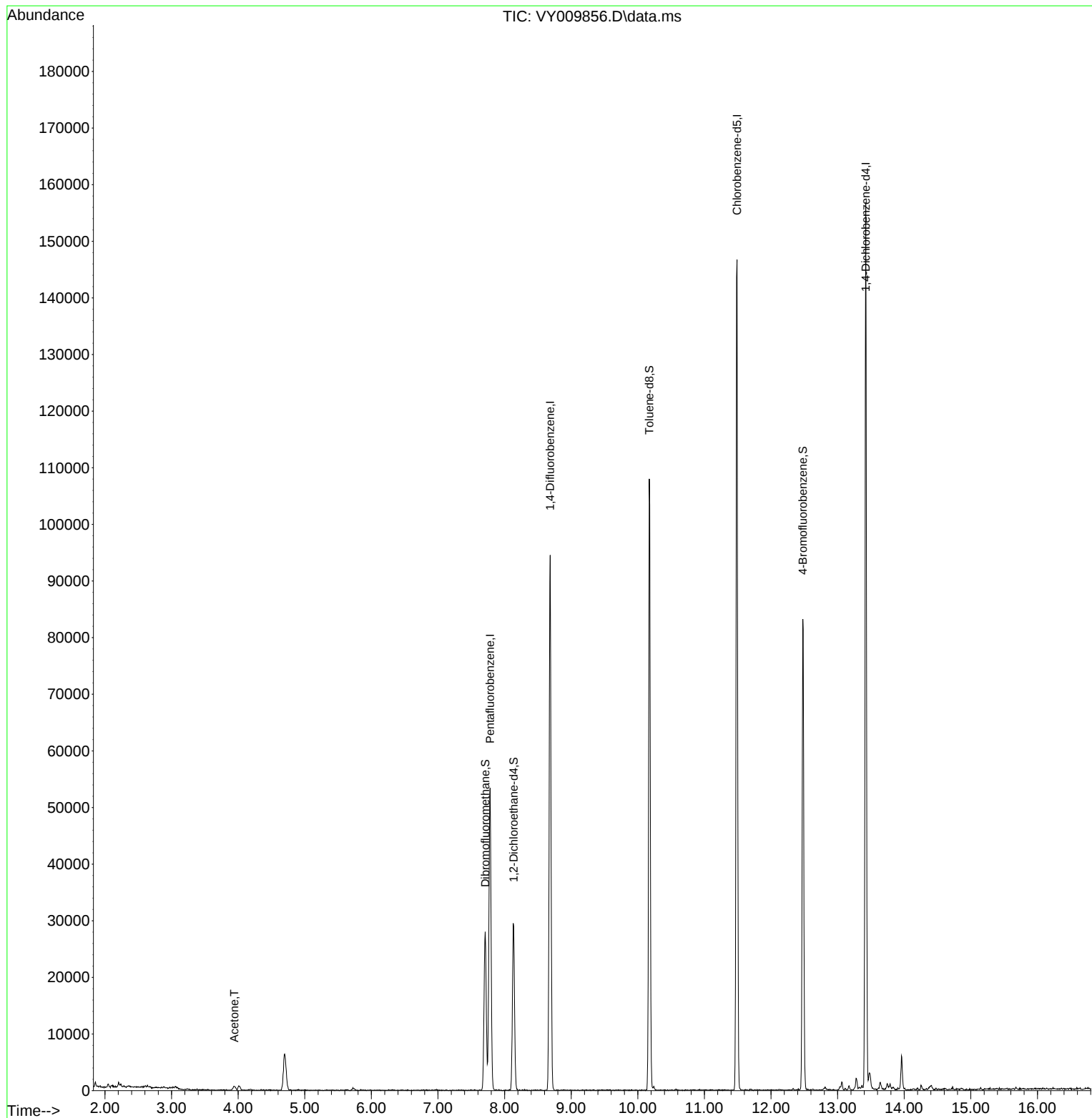
Internal Standards						
1) Pentafluorobenzene	7.783	168	40835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	77722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	77107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21692	66.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.280%
35) Dibromofluoromethane	7.710	113	18841	39.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.520%
50) Toluene-d8	10.173	98	67344	48.151	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.477	95	21866	34.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	68.160%
Target Compounds						
16) Acetone	3.942	43	1291	11.169	ug/l	Qvalue 100

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

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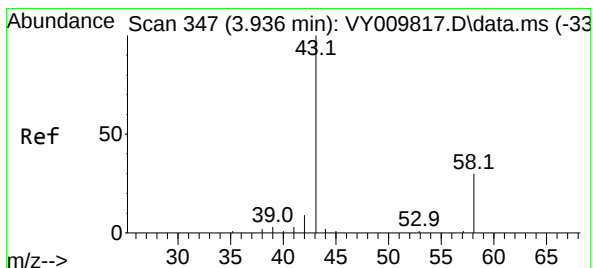
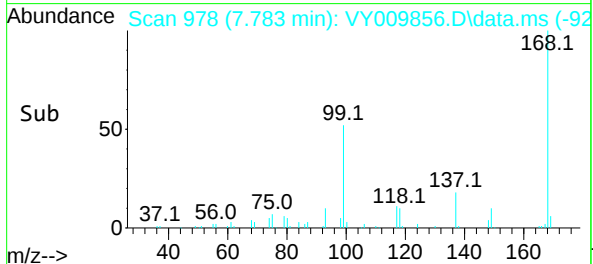
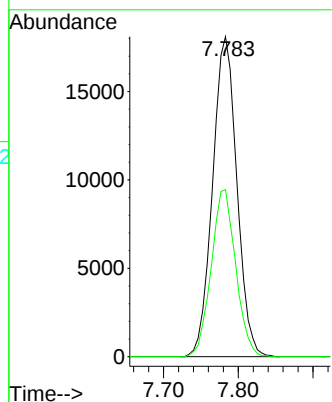
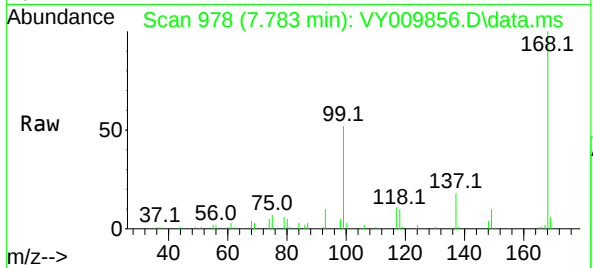




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

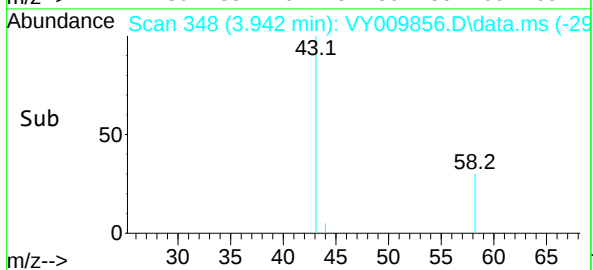
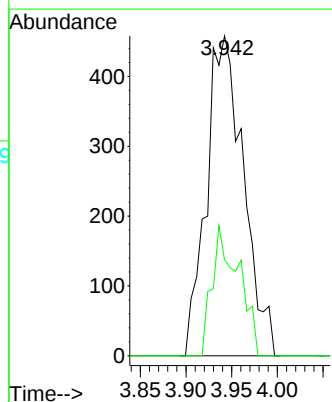
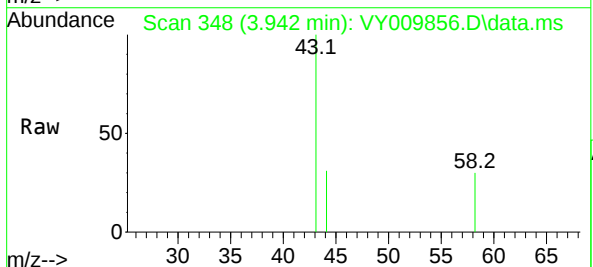
Instrument :
MSVOA_Y
ClientSampleId :
ST-1

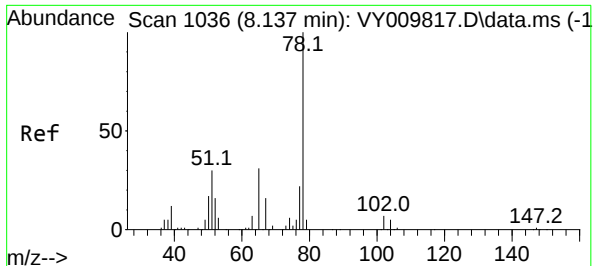
Tgt Ion:168 Resp: 40835
Ion Ratio Lower Upper
168 100
99 52.2 44.7 67.1



#16
Acetone
Concen: 11.169 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 30.1 24.1 36.1





#33

1,2-Dichloroethane-d4

Concen: 66.639 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY009856.D

Acq: 05 Aug 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

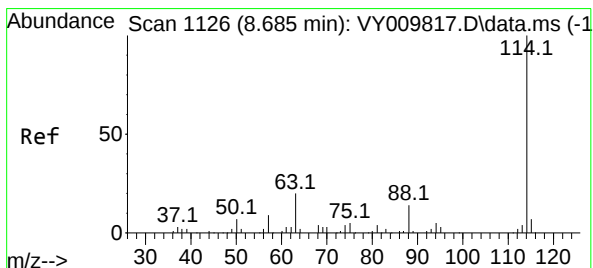
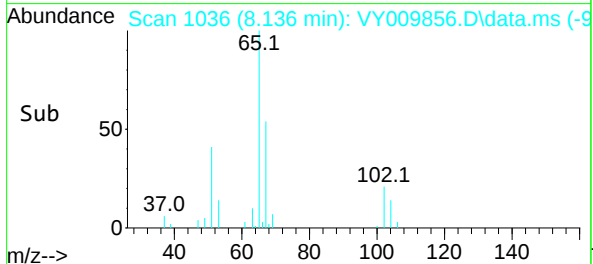
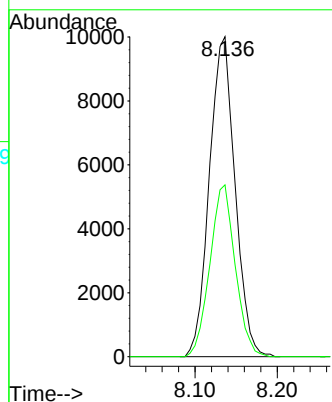
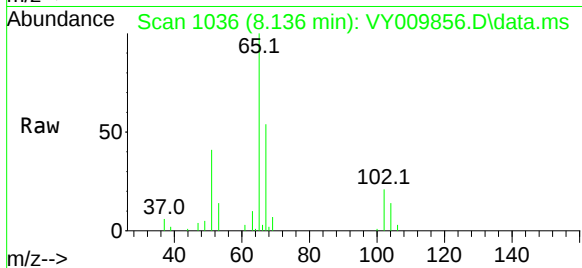
ST-1

Tgt Ion: 65 Resp: 21692

Ion Ratio Lower Upper

65 100

67 53.1 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009856.D

Acq: 05 Aug 2022 17:23

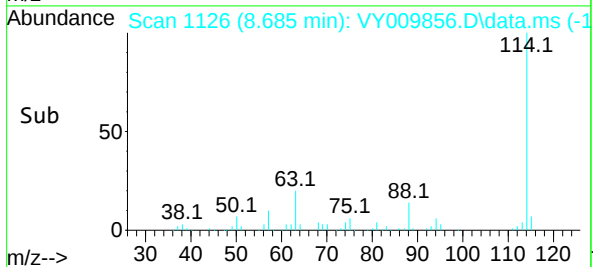
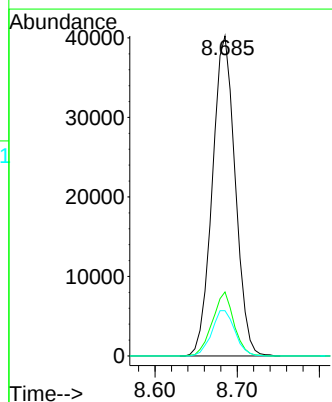
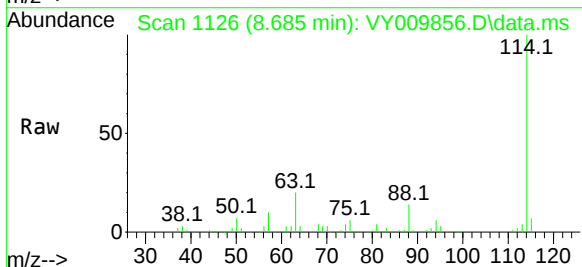
Tgt Ion: 114 Resp: 77722

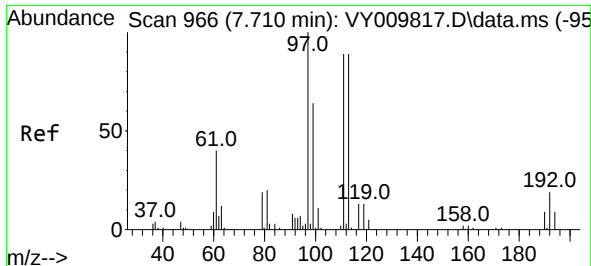
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 14.1 0.0 27.6

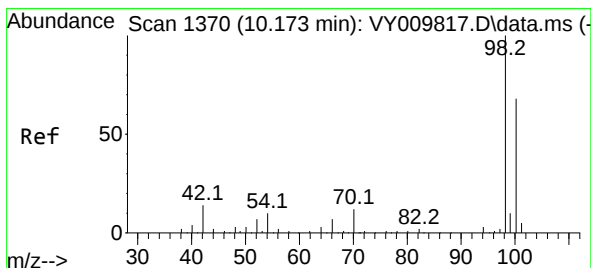
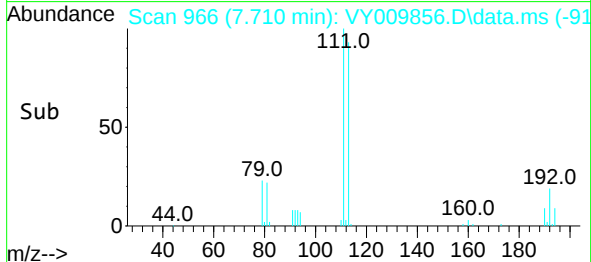
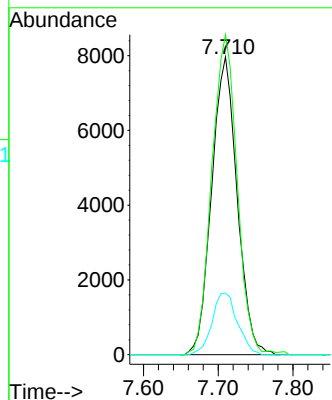
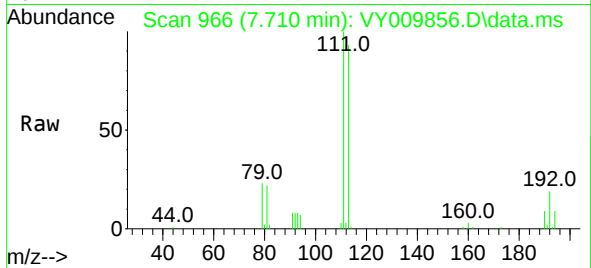




#35
Dibromofluoromethane
Concen: 39.759 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

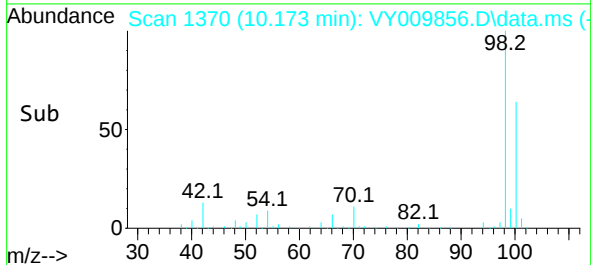
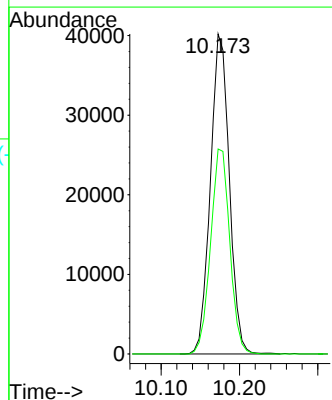
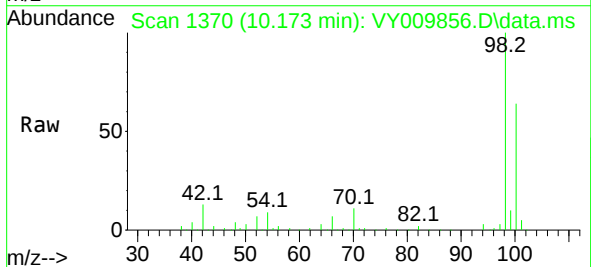
Instrument :
MSVOA_Y
ClientSampleId :
ST-1

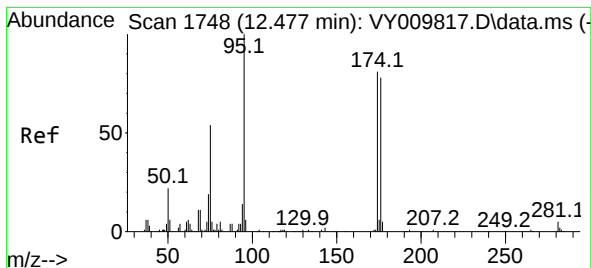
Tgt Ion:113 Resp: 18841
Ion Ratio Lower Upper
113 100
111 107.1 82.4 123.6
192 20.6 16.5 24.7



#50
Toluene-d8
Concen: 48.151 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

Tgt Ion: 98 Resp: 67344
Ion Ratio Lower Upper
98 100
100 65.0 53.4 80.2

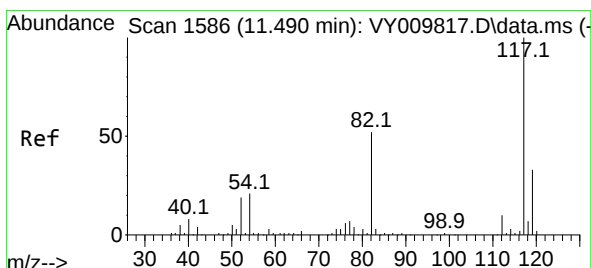
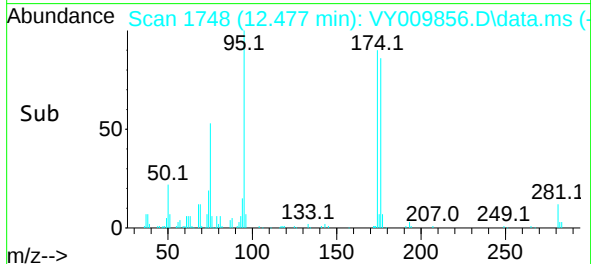
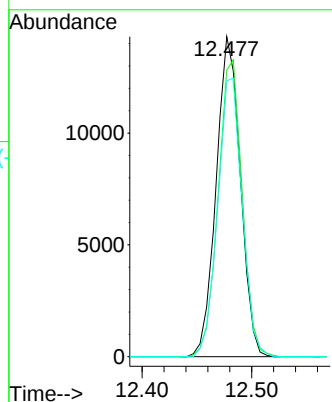
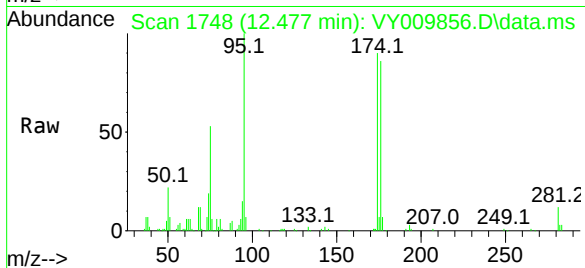




#62
4-Bromofluorobenzene
Concen: 34.075 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

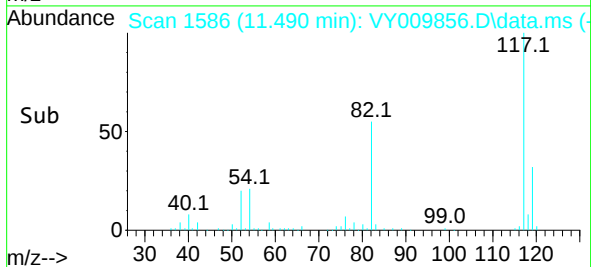
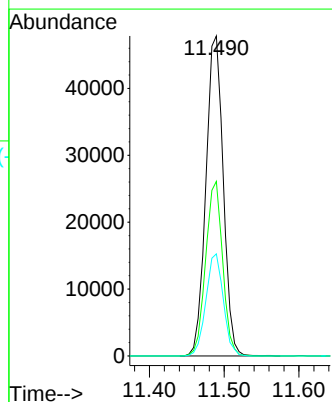
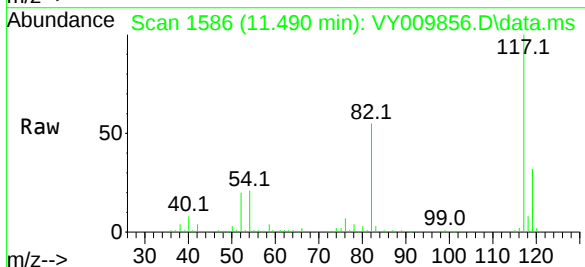
Instrument :
MSVOA_Y
ClientSampleId :
ST-1

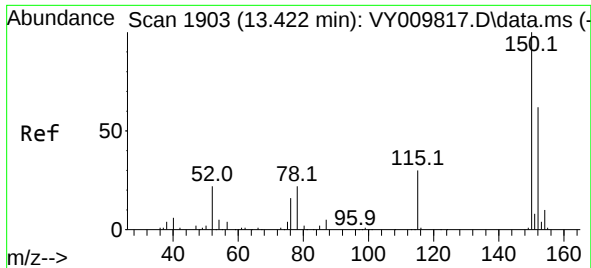
Tgt Ion:	95	Resp:	21866
Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	168.6
176	88.4	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

Tgt Ion:	117	Resp:	77107
Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.7	62.5
119	31.9	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009856.D

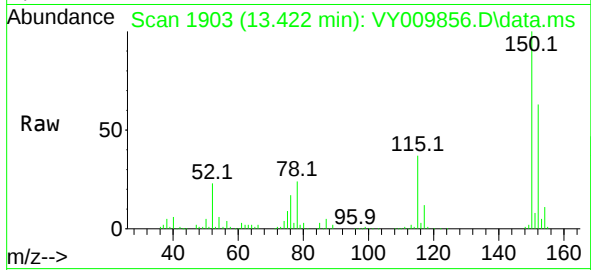
Acq: 05 Aug 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

ST-1



Tgt Ion:152 Resp: 37819

Ion Ratio Lower Upper

152 100

115 55.2 28.9 86.7

150 155.0 0.0 354.2

