

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016277.D
 Acq On : 09 Nov 2023 13:26
 Operator : SY/MD
 Sample : 05293-03
 Misc : 6.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Nov 09 22:57:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

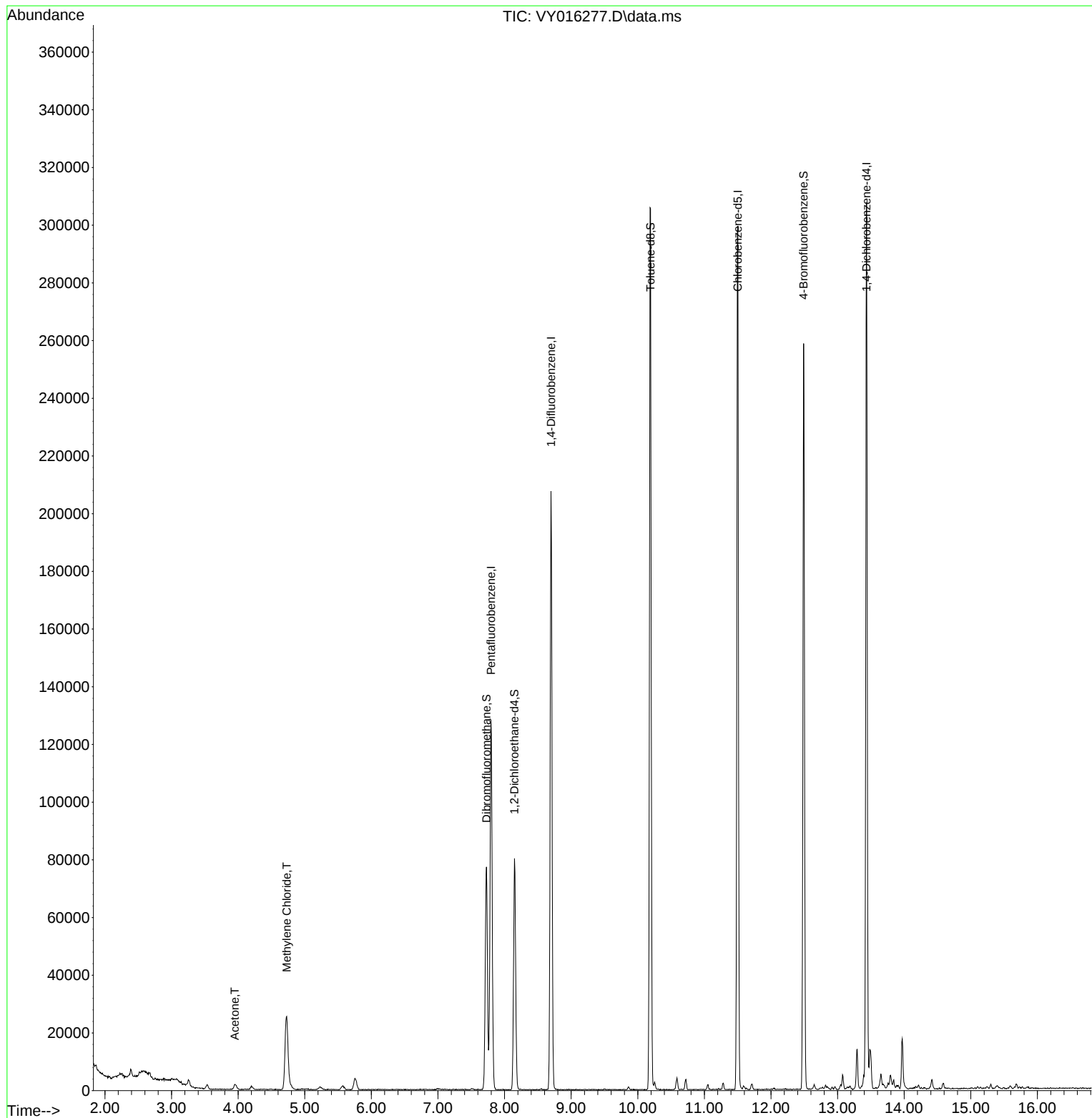
Internal Standards						
1) Pentafluorobenzene	7.795	168	99320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	176244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	171551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61554	67.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.620%
35) Dibromofluoromethane	7.728	113	54375	54.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.620%
50) Toluene-d8	10.191	98	208961	51.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.489	95	73615	55.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.660%
Target Compounds						
16) Acetone	3.948	43	3533	23.529	ug/l	92
20) Methylene Chloride	4.729	84	20322	16.851	ug/l	90

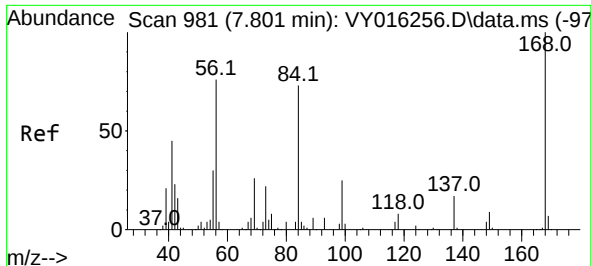
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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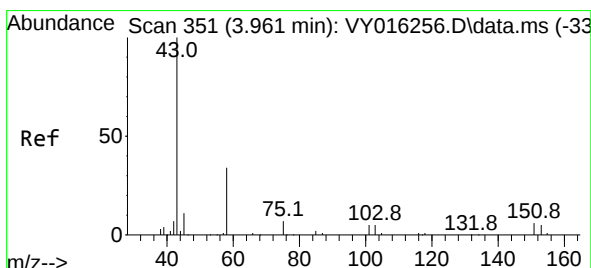
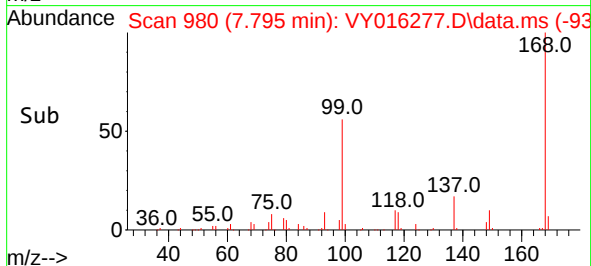
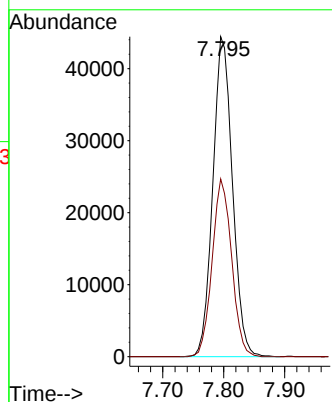
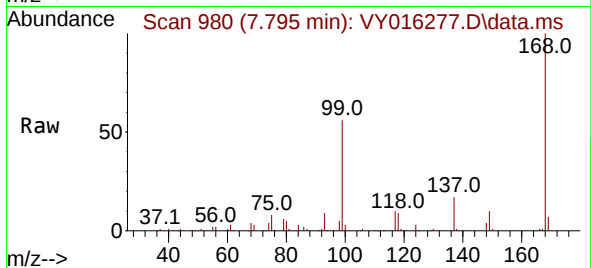




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

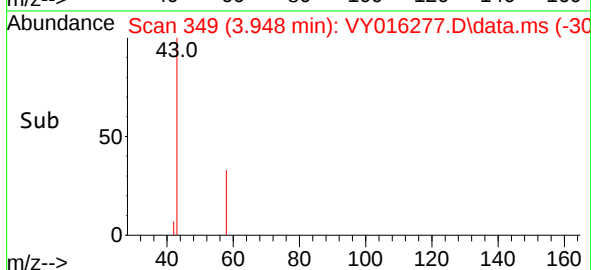
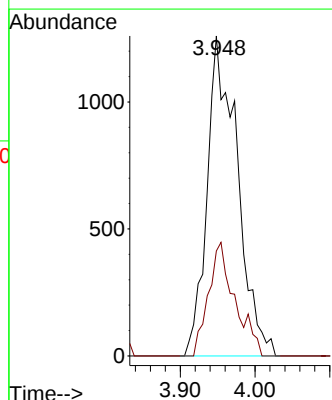
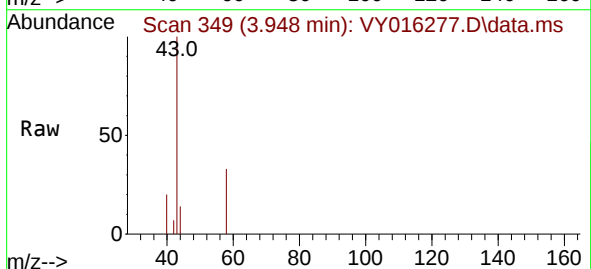
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

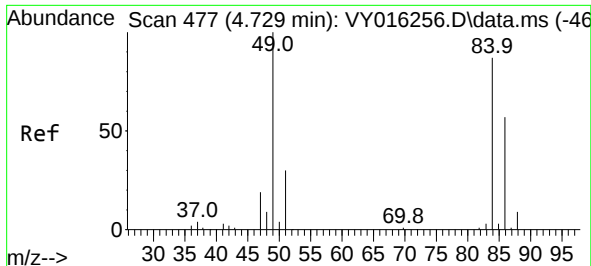
Tgt Ion:168 Resp: 99320
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#16
Acetone
Concen: 23.529 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

Tgt Ion: 43 Resp: 3533
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1

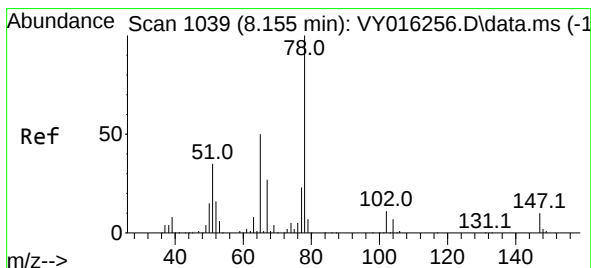
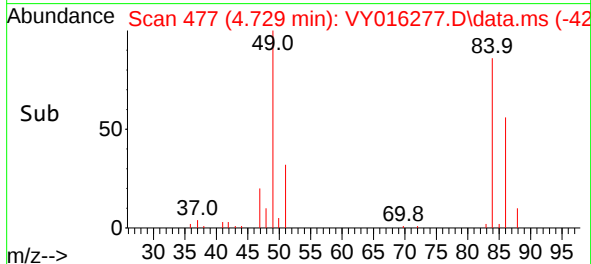
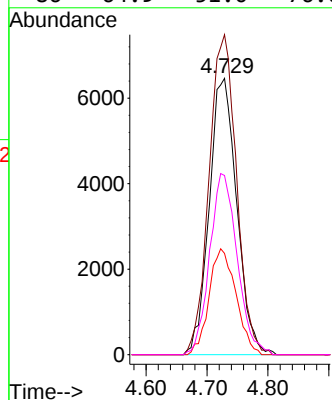
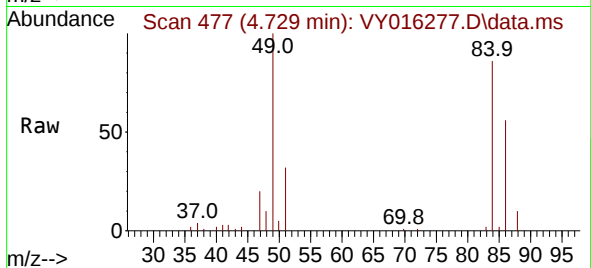




#20
Methylene Chloride
Concen: 16.851 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

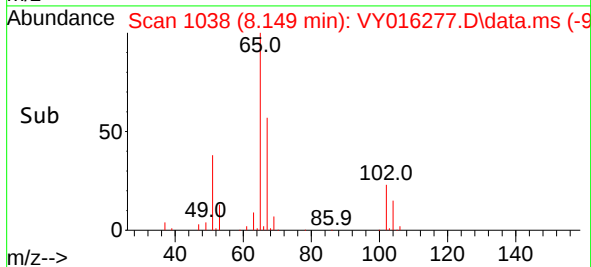
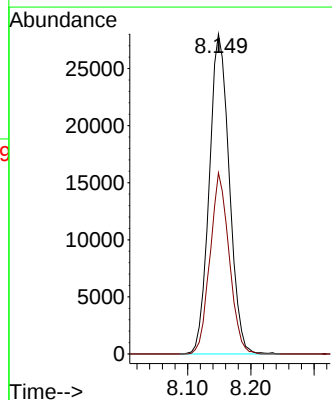
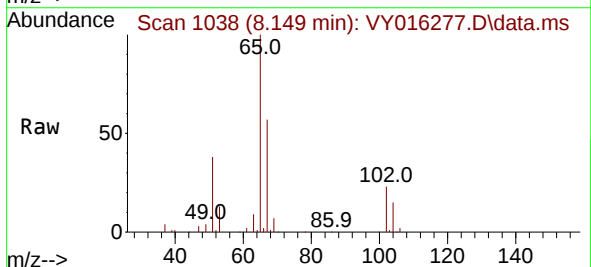
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

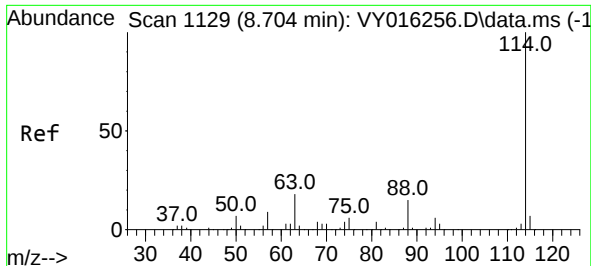
Tgt Ion: 84	Resp: 20322		
Ion	Ratio	Lower	Upper
84	100		
49	115.8	106.9	160.3
51	36.6	33.2	49.8
86	64.9	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 67.810 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

Tgt Ion: 65	Resp: 61554
Ion Ratio	Lower Upper
65 100	
67 54.1	0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

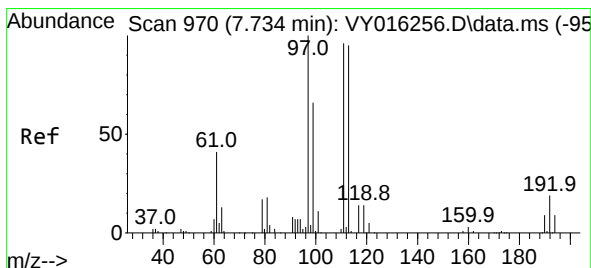
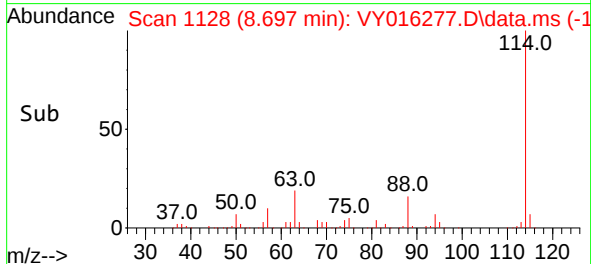
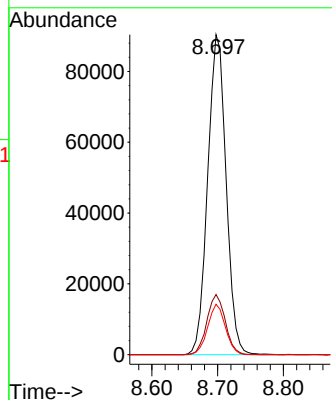
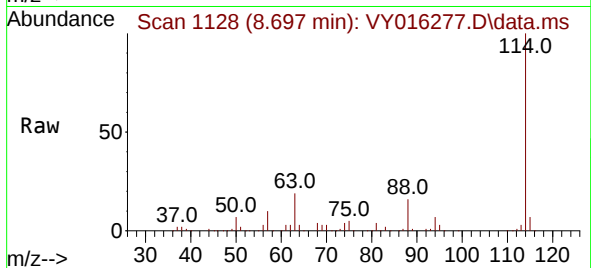
Tgt Ion:114 Resp: 176244

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.311 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

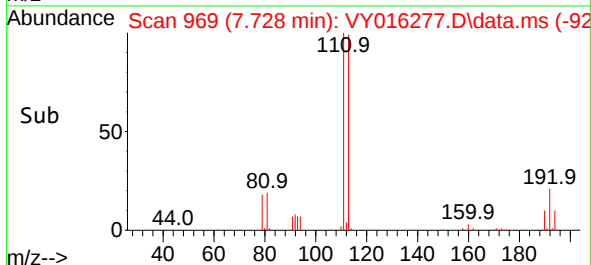
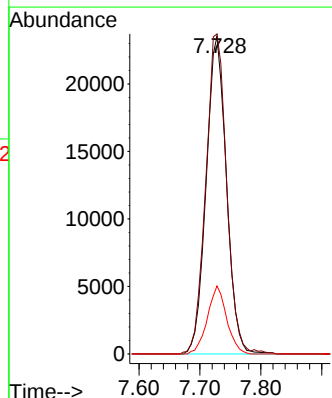
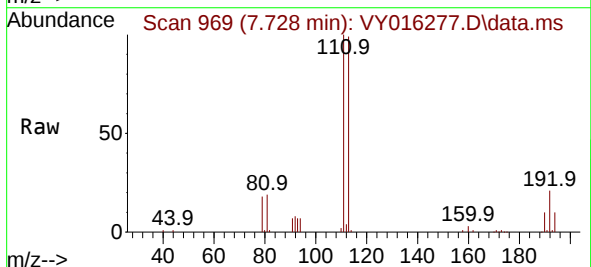
Tgt Ion:113 Resp: 54375

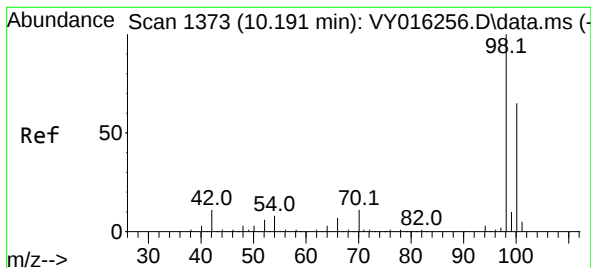
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 20.3 16.9 25.3





#50

Toluene-d8

Concen: 51.468 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

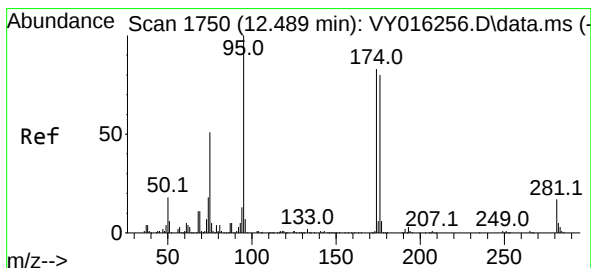
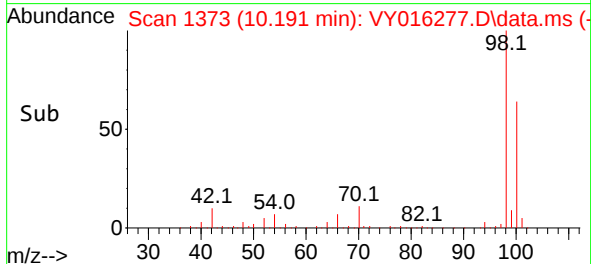
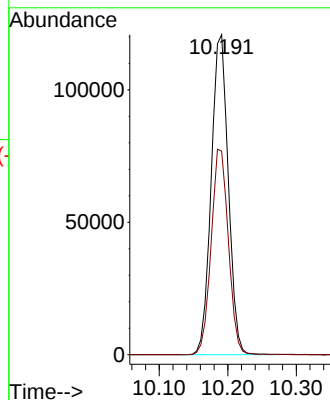
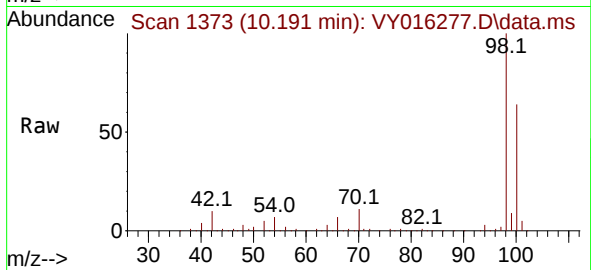
SB-3

Tgt Ion: 98 Resp: 208961

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 55.827 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

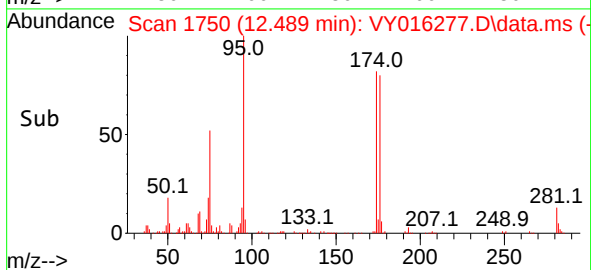
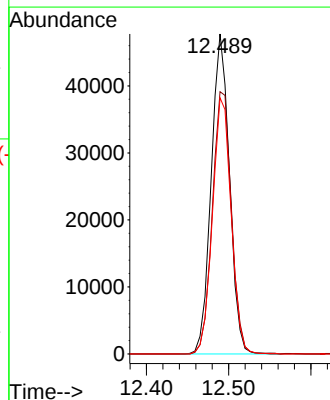
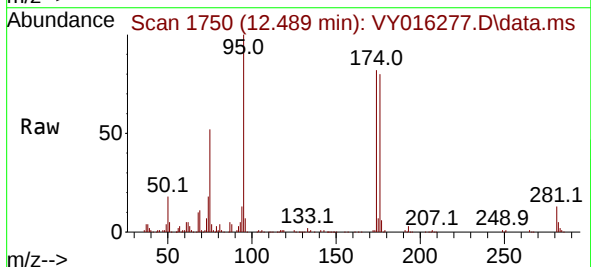
Tgt Ion: 95 Resp: 73615

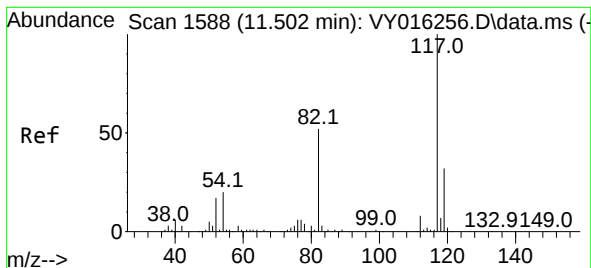
Ion Ratio Lower Upper

95 100

174 85.6 0.0 178.2

176 82.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

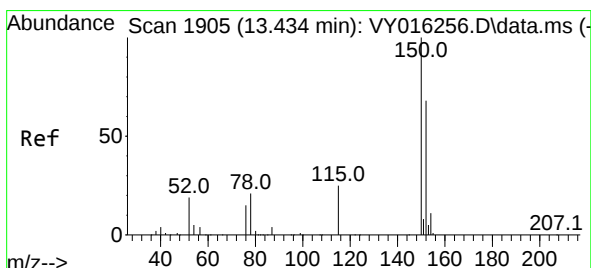
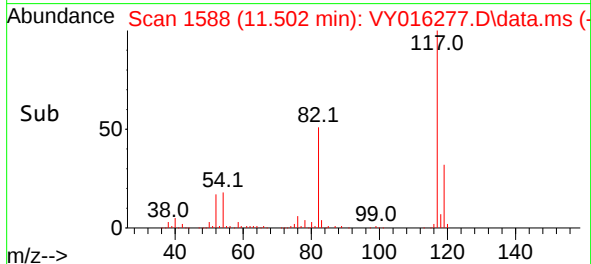
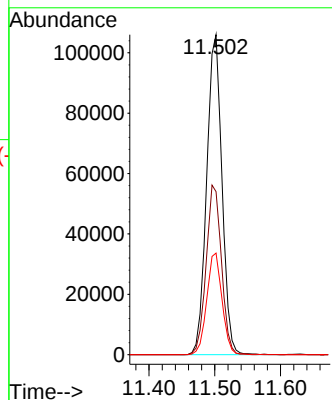
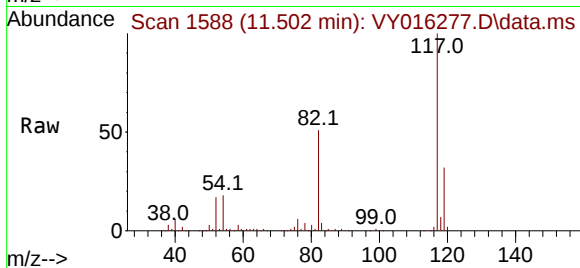
Tgt Ion:117 Resp: 171551

Ion Ratio Lower Upper

117 100

82 51.0 43.4 65.0

119 31.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

Tgt Ion:152 Resp: 80567

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 155.4 0.0 348.8

