

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011335.D
 Acq On : 07 Nov 2022 15:17
 Operator : KP/MD
 Sample : N5495-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-31B

Quant Time: Nov 08 03:29:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

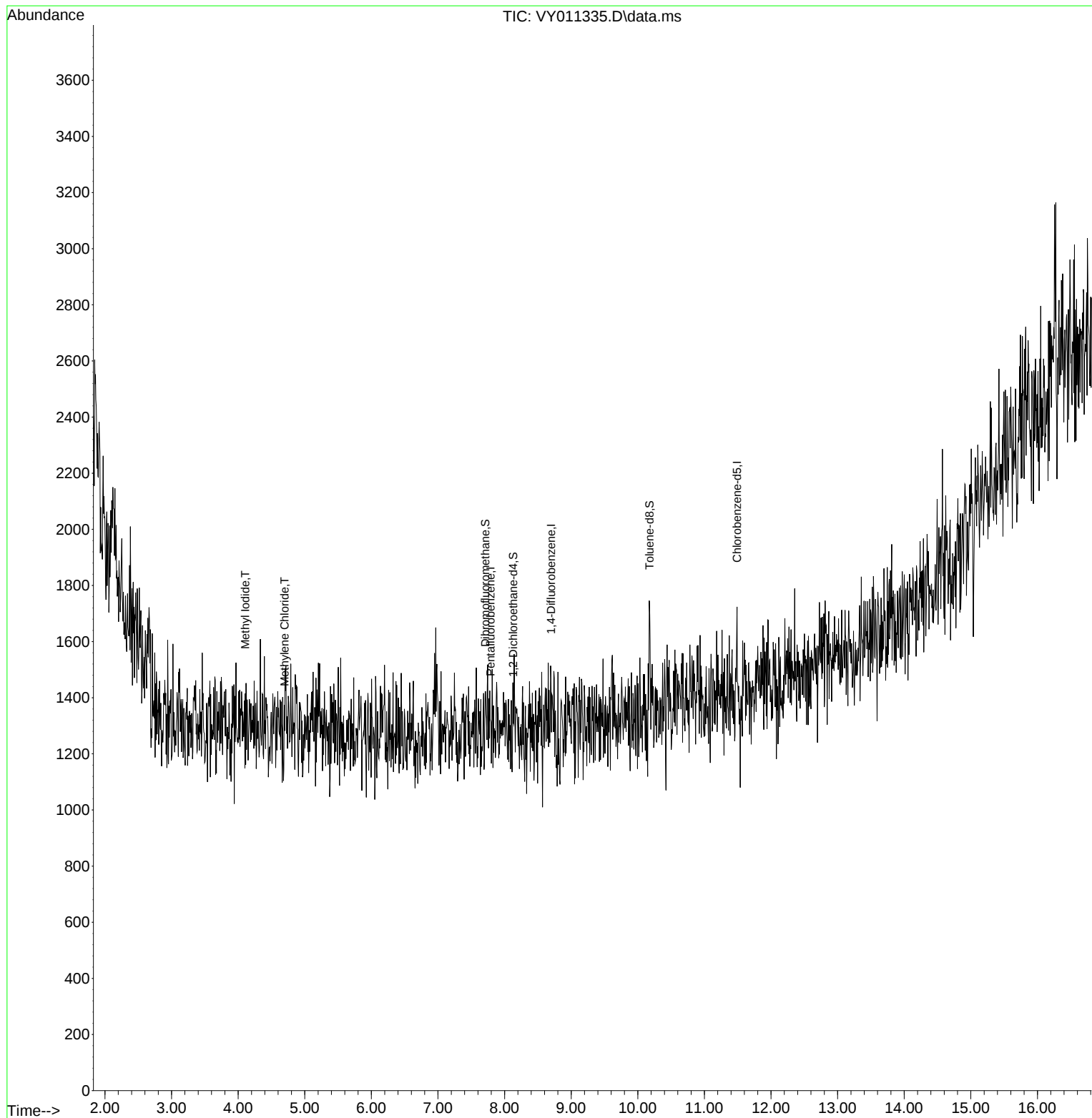
Internal Standards						
1) Pentafluorobenzene	7.789	168	72	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	301	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.490	117	157	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	101	131.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	262.320%#
35) Dibromofluoromethane	7.710	113	41	21.201	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.400%#
50) Toluene-d8	10.179	98	287	38.223	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.440%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						Qvalue
10) Methyl Iodide	4.107	142	24	23.537	ug/l	# 35
20) Methylene Chloride	4.698	84	84	92.653	ug/l	# 1

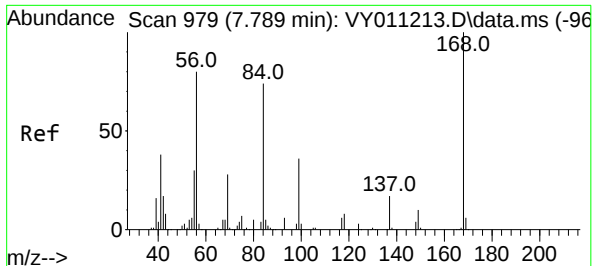
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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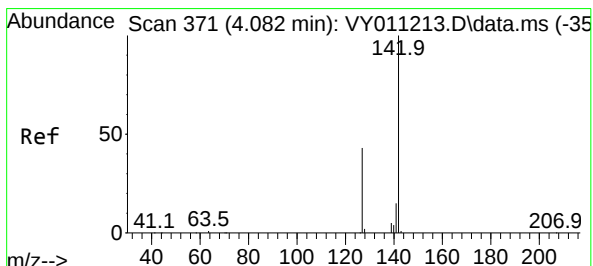
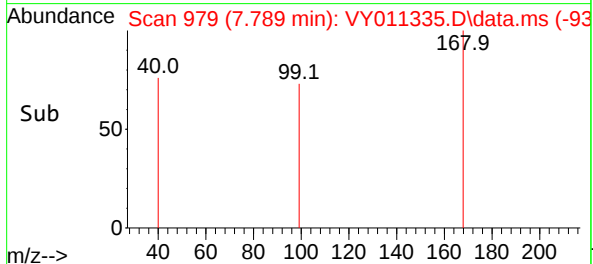
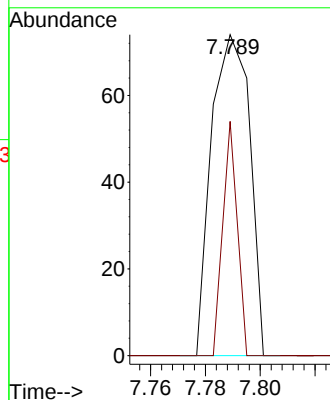
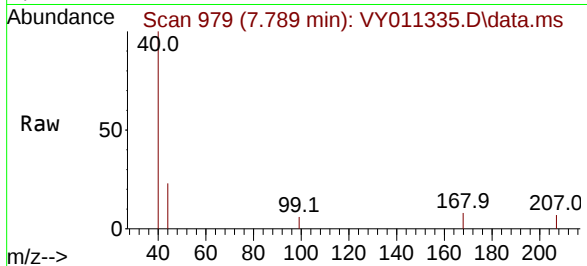




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011335.D
Acq: 07 Nov 2022 15:17

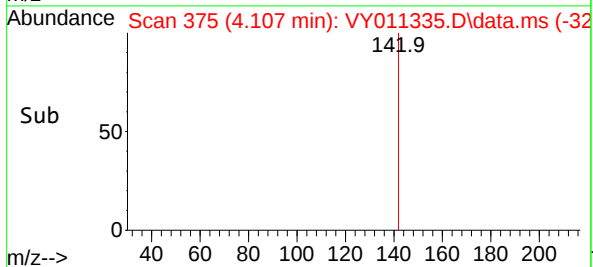
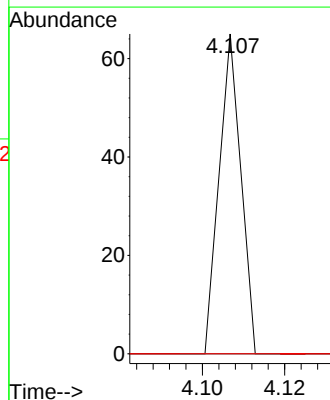
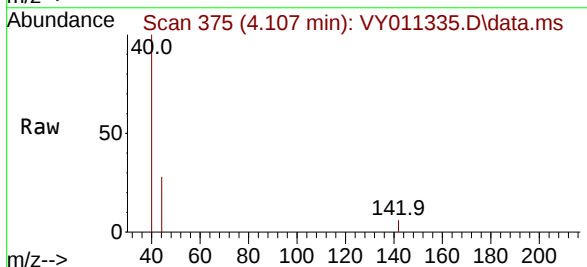
Instrument :
MSVOA_Y
ClientSampleId :
SB-31B

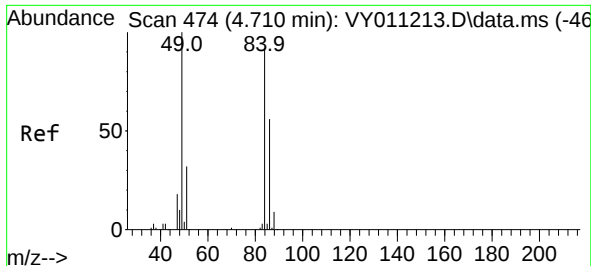
Tgt Ion:168 Resp: 72
Ion Ratio Lower Upper
168 100
99 73.0 46.9 70.3#



#10
Methyl Iodide
Concen: 23.537 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY011335.D
Acq: 07 Nov 2022 15:17

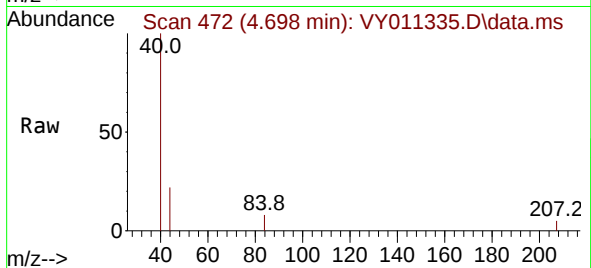
Tgt Ion:142 Resp: 24
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



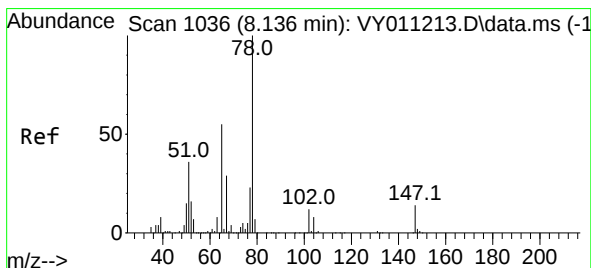
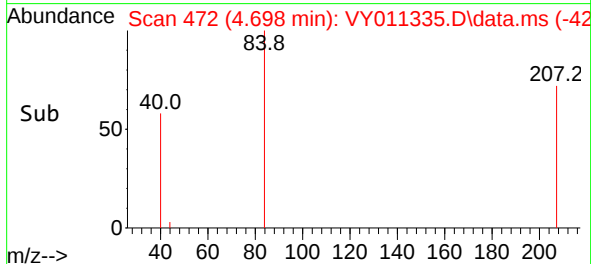
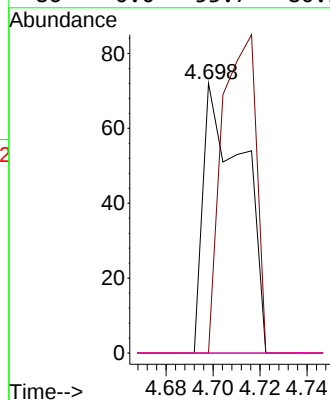


#20
Methylene Chloride
Concen: 92.653 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY011335.D
Acq: 07 Nov 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-31B

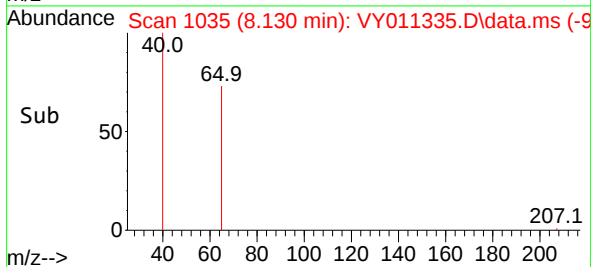
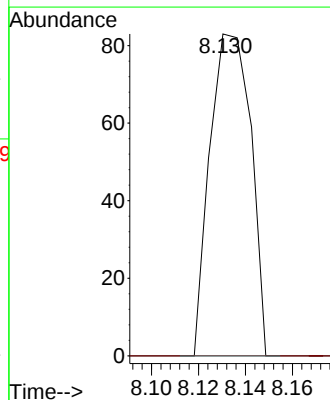
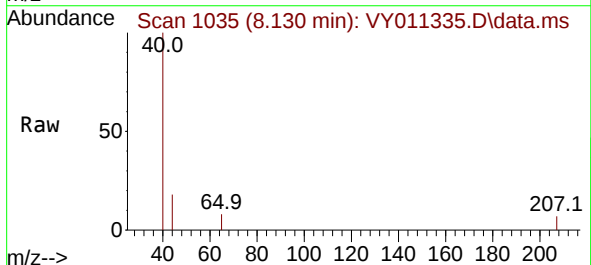


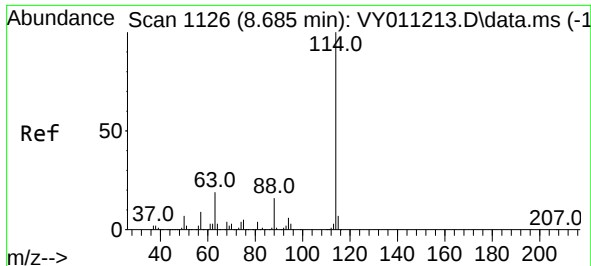
Tgt Ion:	84	Resp:	84
Ion	Ratio	Lower	Upper
84	100		
49	0.0	114.4	171.6#
51	0.0	35.3	52.9#
86	0.0	53.7	80.5#



#33
1,2-Dichloroethane-d4
Concen: 131.162 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY011335.D
Acq: 07 Nov 2022 15:17

Tgt Ion:	65	Resp:	101
Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY011335.D

Acq: 07 Nov 2022 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SB-31B

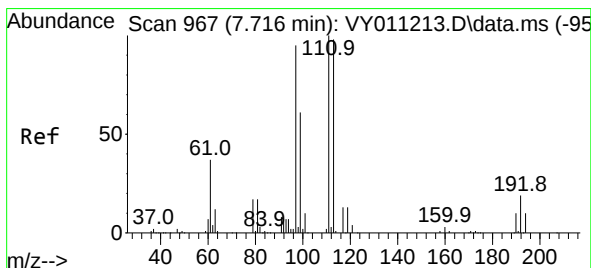
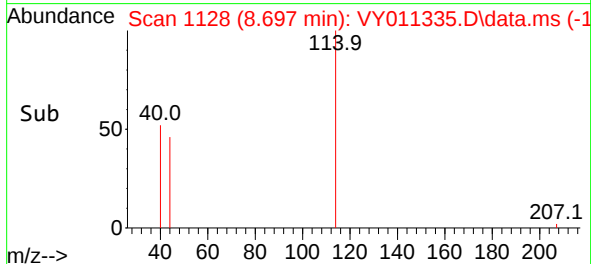
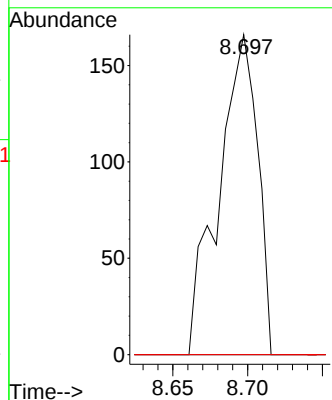
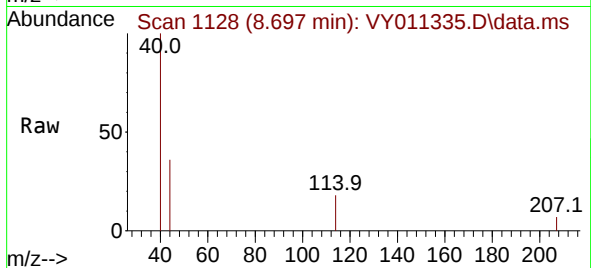
Tgt Ion:114 Resp: 301

Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 0.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 21.201 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011335.D

Acq: 07 Nov 2022 15:17

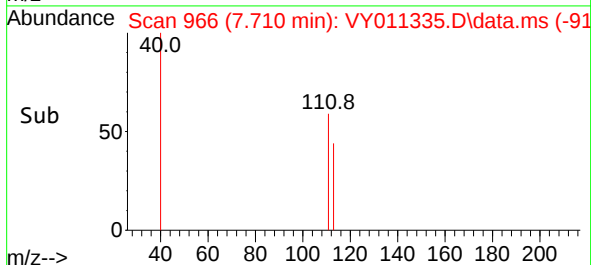
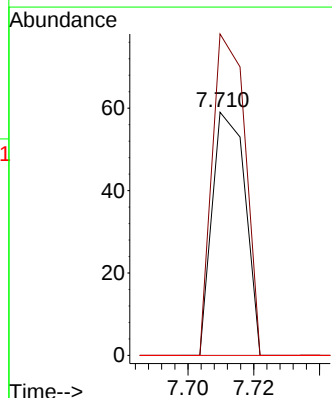
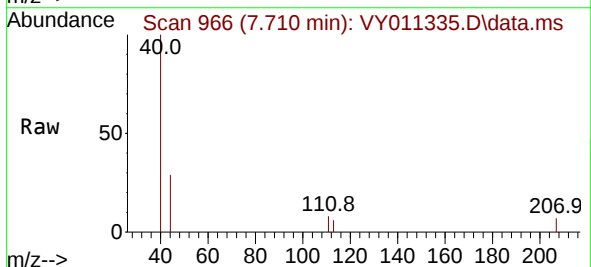
Tgt Ion:113 Resp: 41

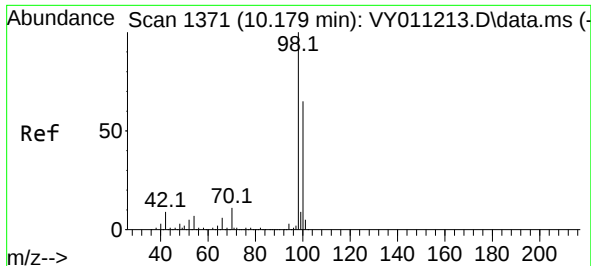
Ion Ratio Lower Upper

113 100

111 131.7 82.6 124.0#

192 0.0 17.6 26.4#

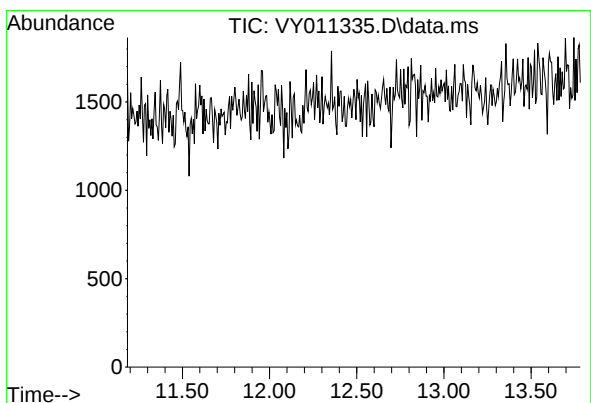
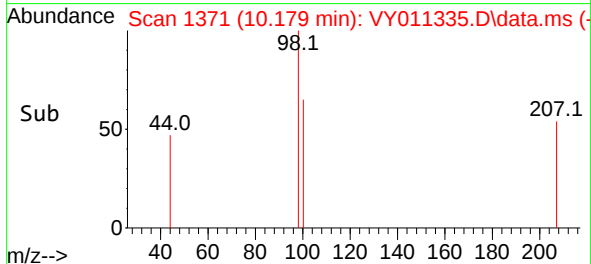
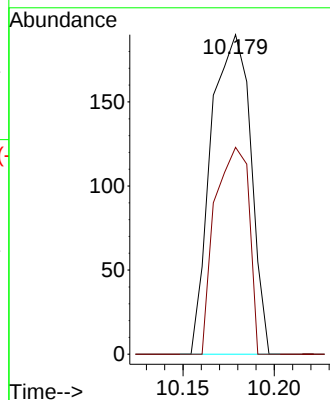
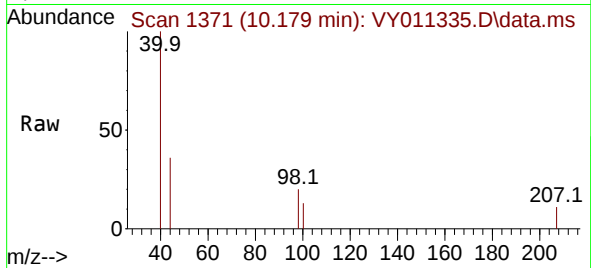




#50
Toluene-d8
Concen: 38.223 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011335.D
Acq: 07 Nov 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-31B

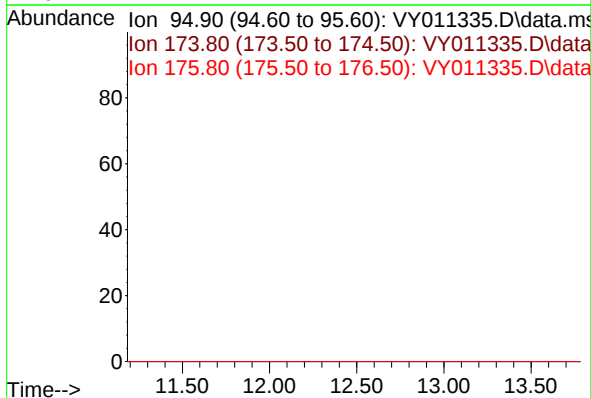
Tgt Ion: 98 Resp: 287
Ion Ratio Lower Upper
98 100
100 55.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

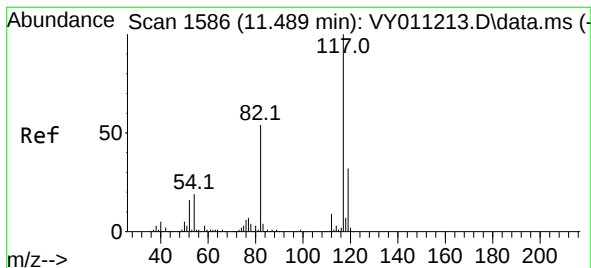
Lab File: VY011335.D
Acq: 07 Nov 2022 15:17

Tgt Ion: 95
Sig Exp Ratio
95 100
174 88.5
176 87.9



Ion 173.80 (173.50 to 174.50): VY011335.D\data.ms

Ion 175.80 (175.50 to 176.50): VY011335.D\data.ms



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011335.D

Acq: 07 Nov 2022 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SB-31B

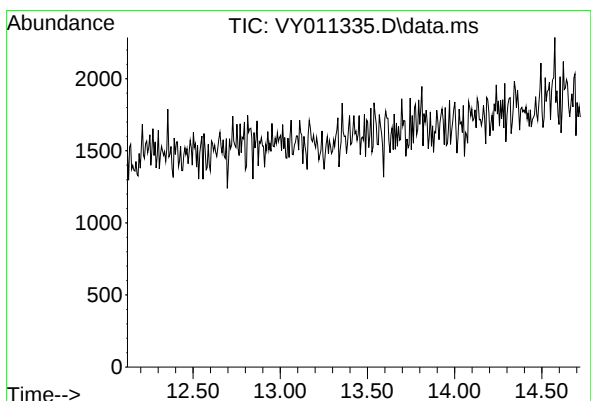
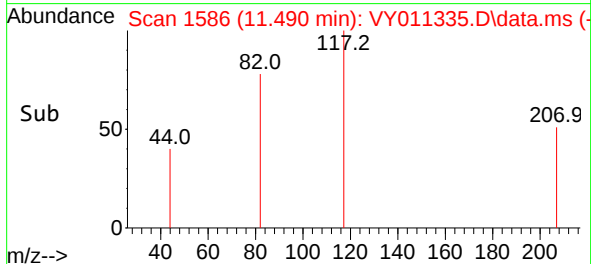
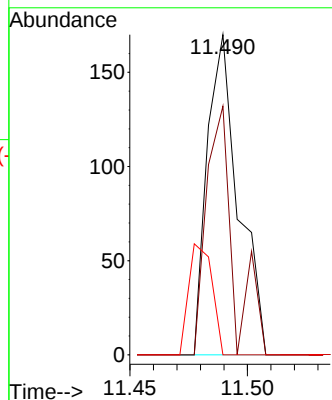
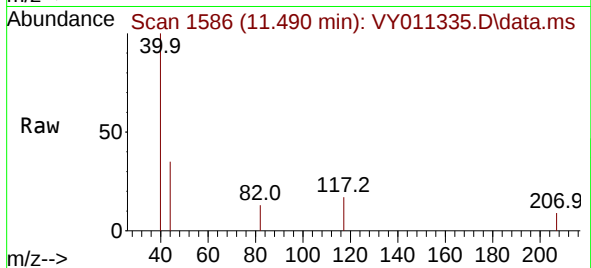
Tgt Ion:117 Resp: 157

Ion Ratio Lower Upper

117 100

82 77.6 43.0 64.4#

119 0.0 25.4 38.0#



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.42 min

Lab File: VY011335.D

Acq: 07 Nov 2022 15:17

Tgt Ion: 152

Sig Exp Ratio

152 100

115 56.5

150 173.8

