

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011288.D
 Acq On : 03 Nov 2022 15:39
 Operator : KP/MD
 Sample : N5395-03RE
 Misc : 5.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-11-103122RE

Quant Time: Nov 04 02:21:16 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)

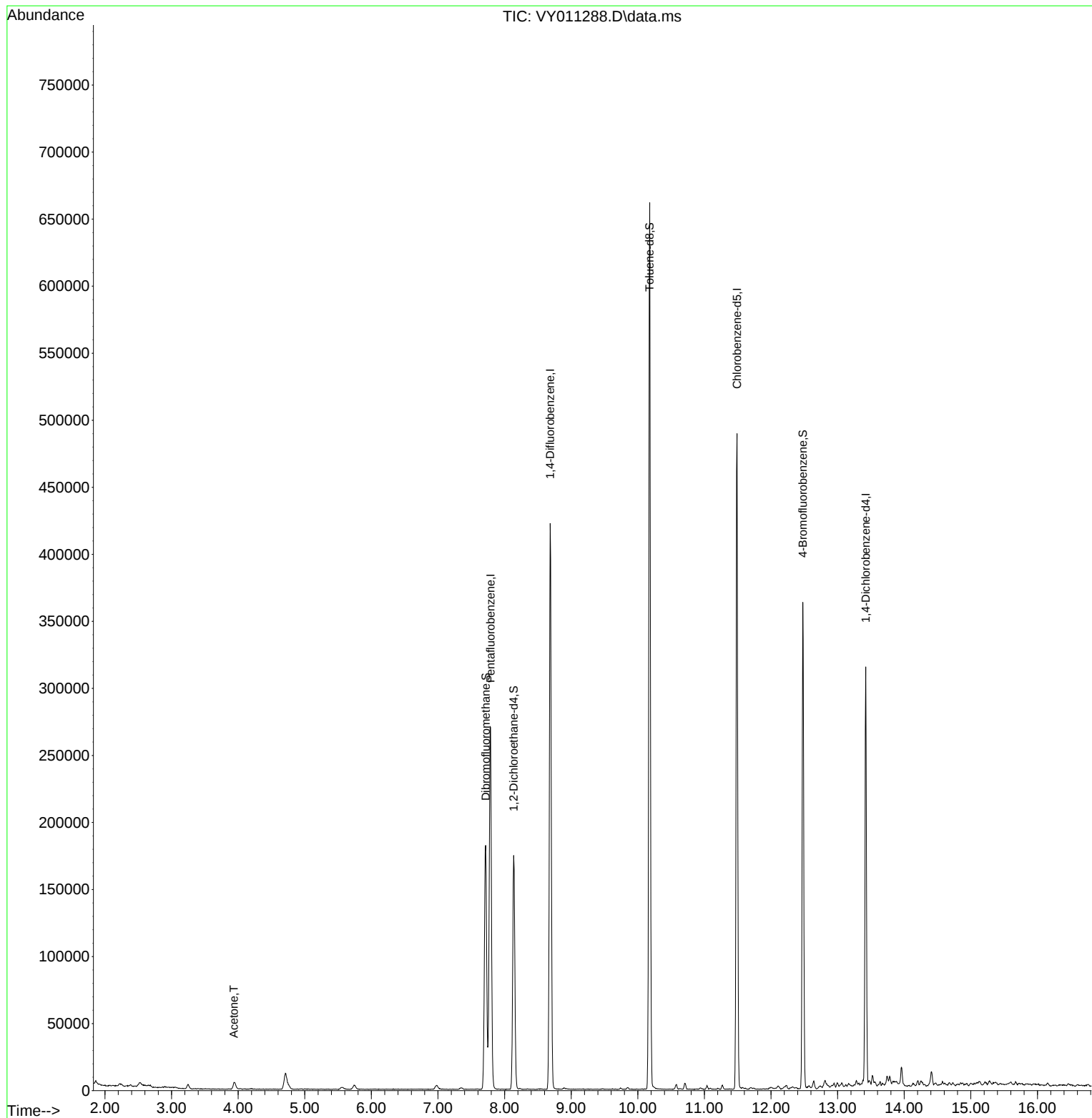
Internal Standards						
1) Pentafluorobenzene	7.789	168	214106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	368691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	274560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	134840	58.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.780%
35) Dibromofluoromethane	7.716	113	133388	56.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.620%
50) Toluene-d8	10.179	98	432868	47.065	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.477	95	110149	34.498	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.000%
Target Compounds						
16) Acetone	3.936	43	9484	13.721	ug/l	Qvalue # 84

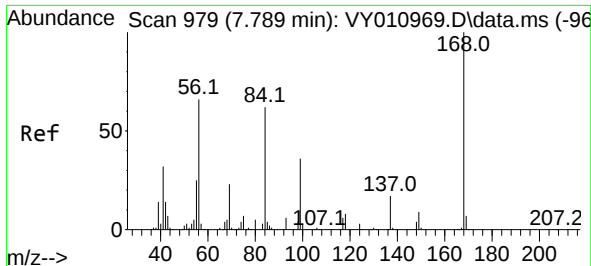
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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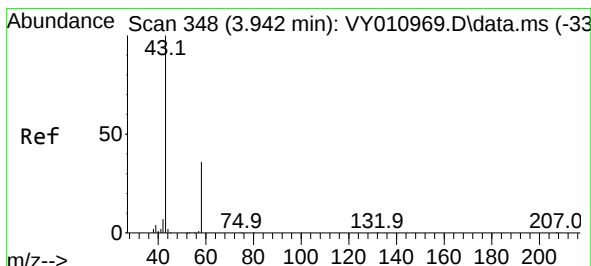
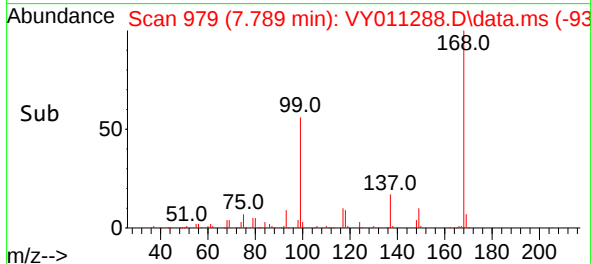
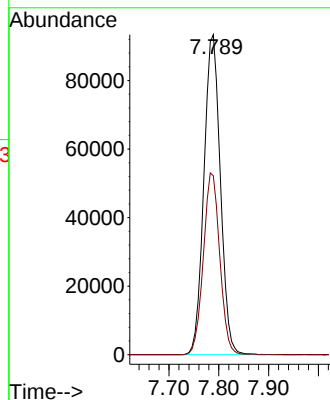
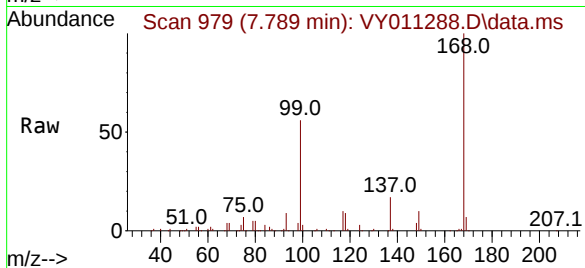




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011288.D
Acq: 03 Nov 2022 15:39

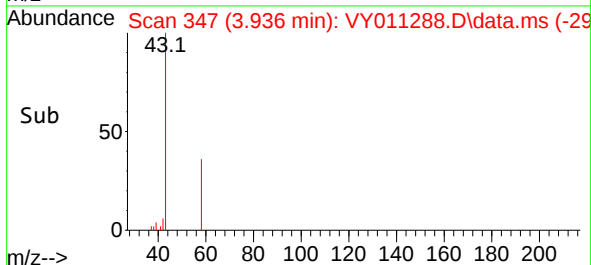
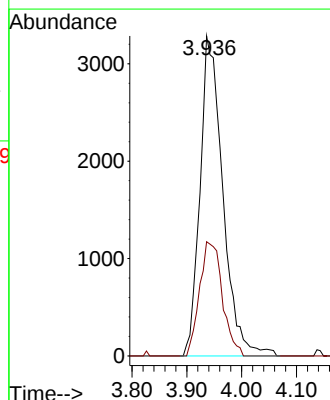
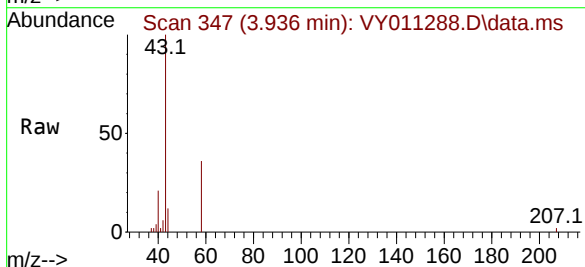
Instrument :
MSVOA_Y
ClientSampleId :
S-11-103122RE

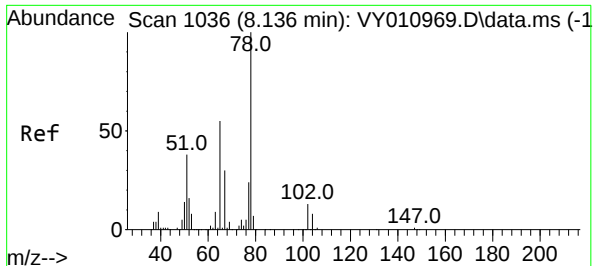
Tgt Ion:168 Resp: 214106
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#16
Acetone
Concen: 13.721 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY011288.D
Acq: 03 Nov 2022 15:39

Tgt Ion: 43 Resp: 9484
Ion Ratio Lower Upper
43 100
58 35.7 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 58.885 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. 0.001 min

Lab File: VY011288.D

Acq: 03 Nov 2022 15:39

Instrument :

MSVOA_Y

ClientSampleId :

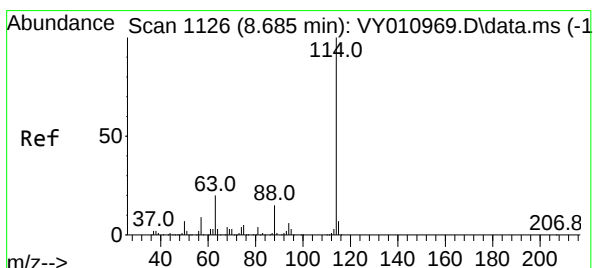
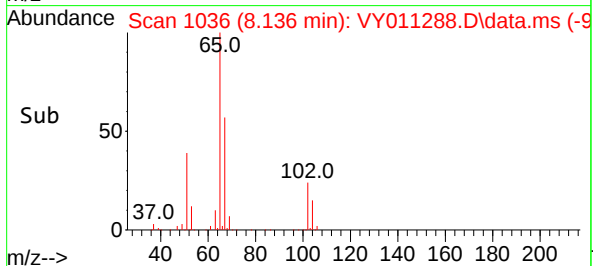
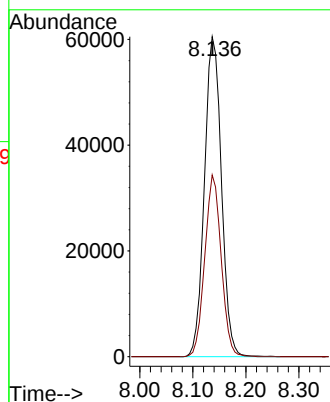
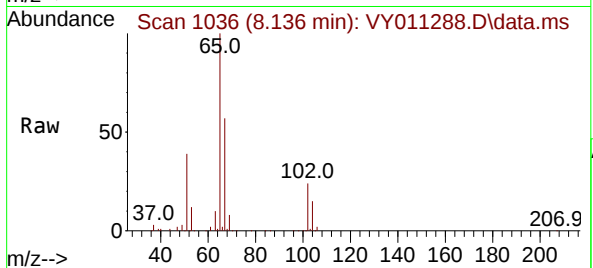
S-11-103122RE

Tgt Ion: 65 Resp: 134840

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011288.D

Acq: 03 Nov 2022 15:39

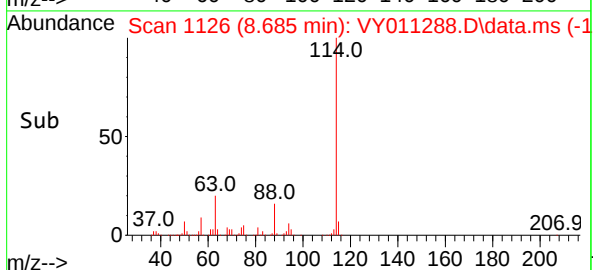
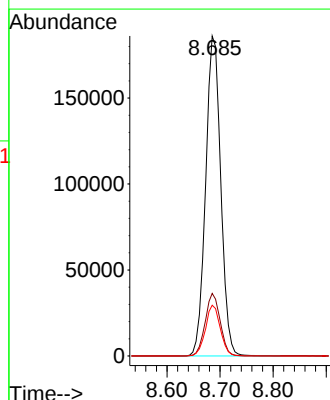
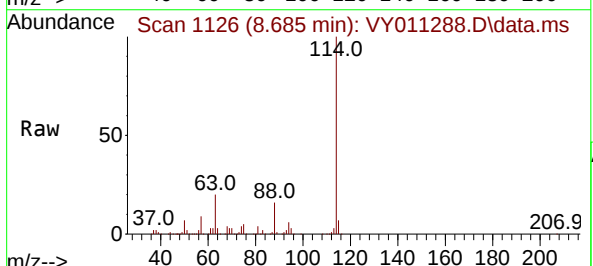
Tgt Ion: 114 Resp: 368691

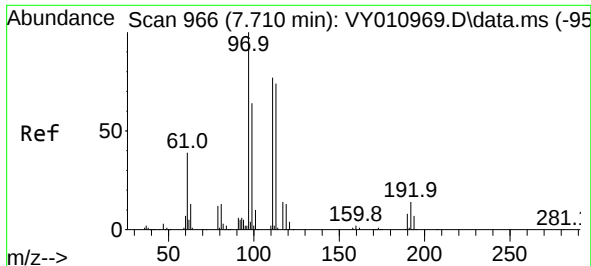
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.9 0.0 31.8

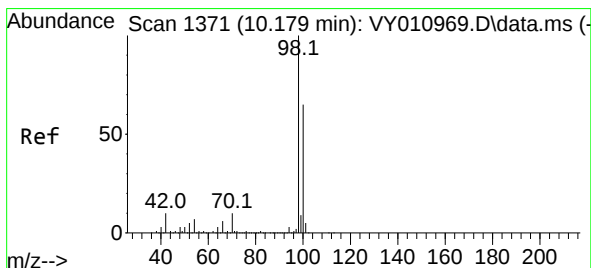
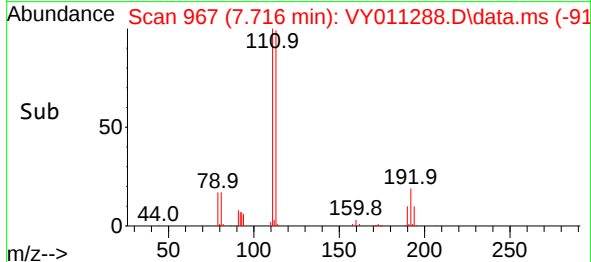
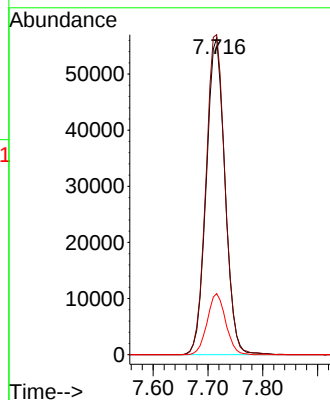
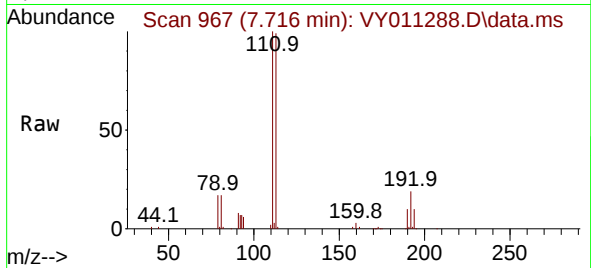




#35
Dibromofluoromethane
Concen: 56.310 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011288.D
Acq: 03 Nov 2022 15:39

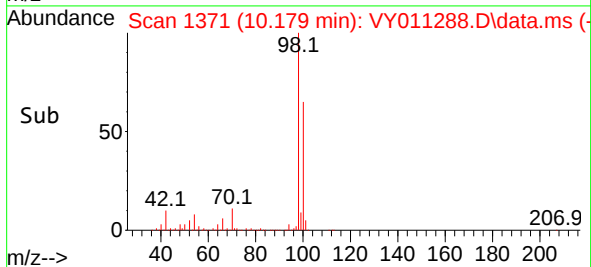
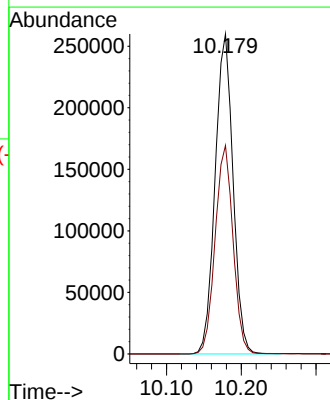
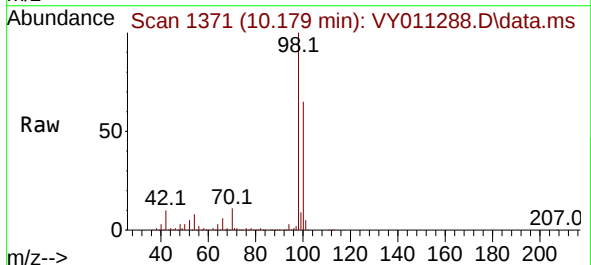
Instrument :
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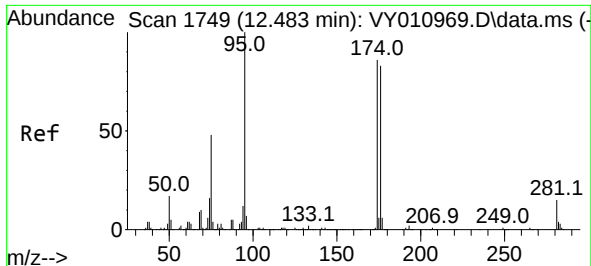
Tgt Ion:113 Resp: 133388
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 47.065 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011288.D
Acq: 03 Nov 2022 15:39

Tgt Ion: 98 Resp: 432868
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

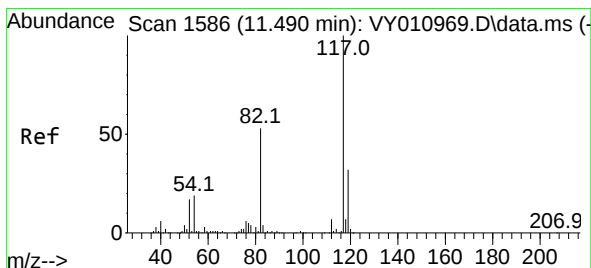
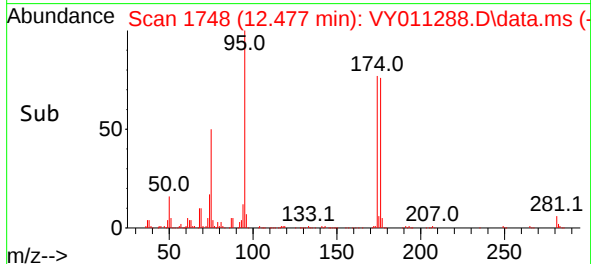
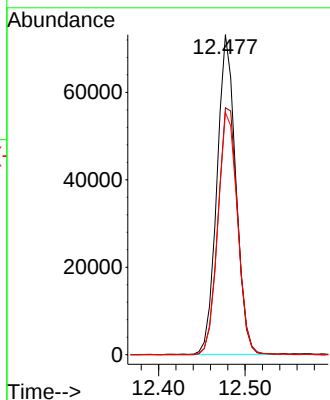
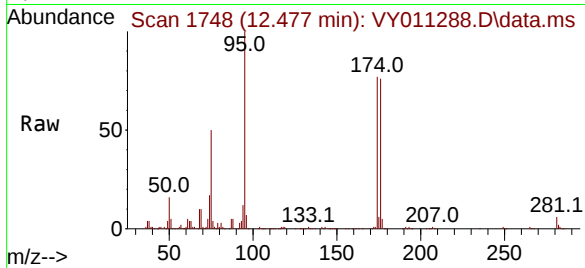




#62
4-Bromofluorobenzene
Concen: 34.498 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011288.D
Acq: 03 Nov 2022 15:39

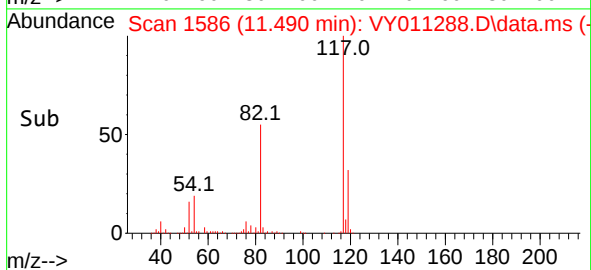
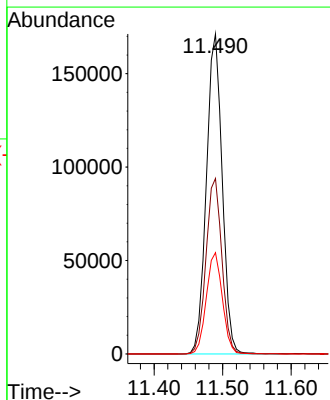
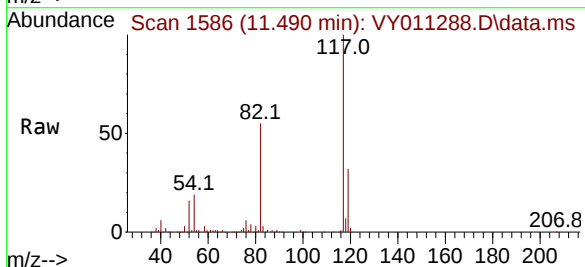
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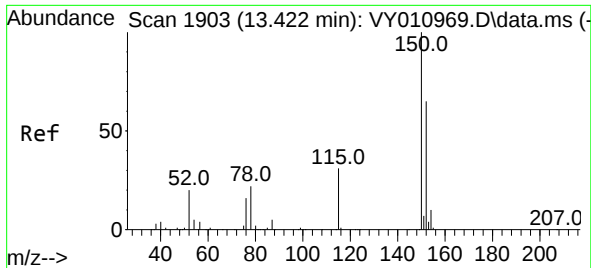
Tgt Ion: 95 Resp: 110149
Ion Ratio Lower Upper
95 100
174 81.9 0.0 177.0
176 78.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011288.D
Acq: 03 Nov 2022 15:39

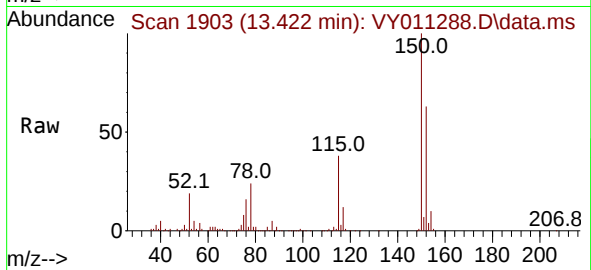
Tgt Ion: 117 Resp: 274560
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 31.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011288.D
 Acq: 03 Nov 2022 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-11-103122RE



Tgt Ion:	152	Resp:	79349
Ion Ratio	Lower	Upper	
152	100		
115	59.5	28.2	84.7
150	157.9	0.0	347.6

