

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011426.D
 Acq On : 11 Nov 2022 18:03
 Operator : KP/MD
 Sample : N5508-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-110722

Quant Time: Nov 14 05:54:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

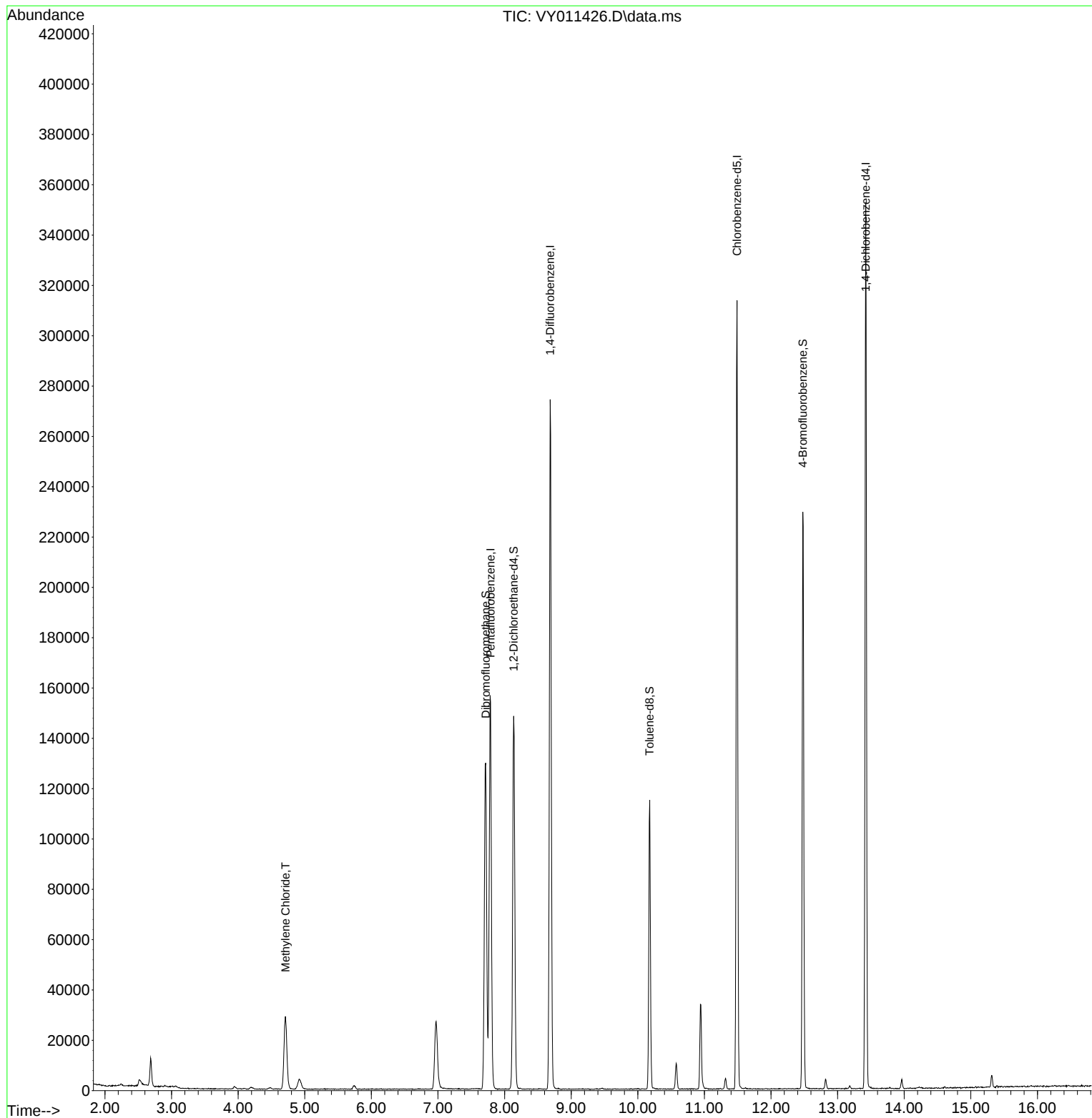
Internal Standards						
1) Pentafluorobenzene	7.789	168	126805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	183313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115337	108.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 217.080%#	
35) Dibromofluoromethane	7.716	113	96005	69.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.800%	
50) Toluene-d8	10.179	98	78520	14.857	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 29.720%#	
62) 4-Bromofluorobenzene	12.477	95	71121	38.581	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.160%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	23991	9.702	ug/l	# 78

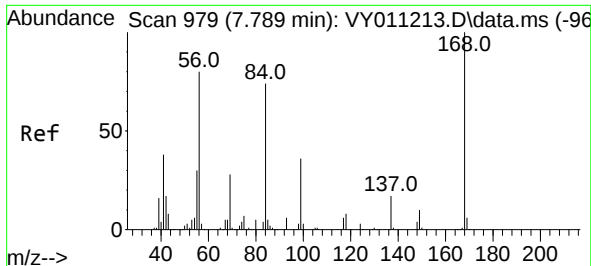
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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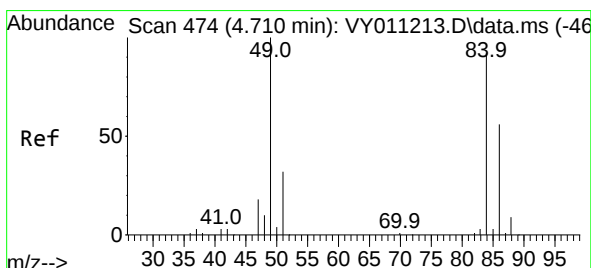
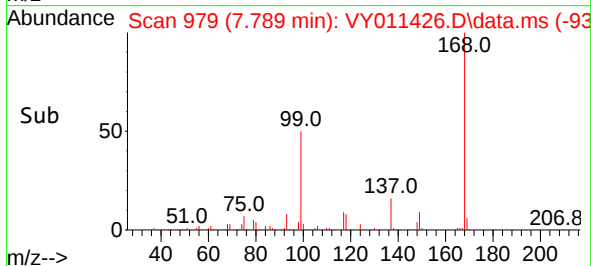
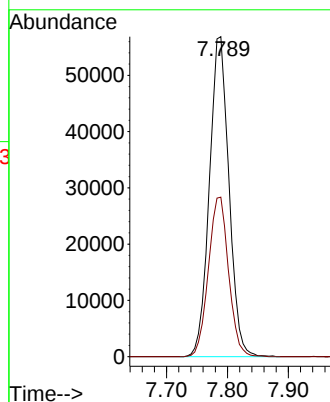
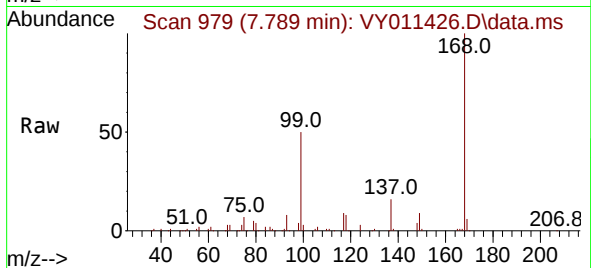




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

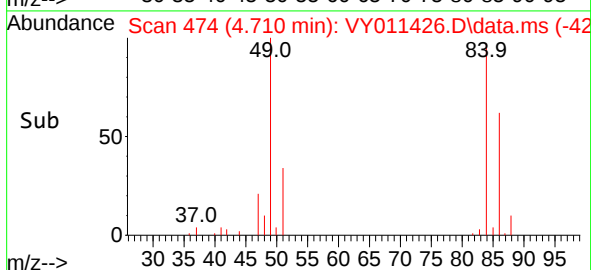
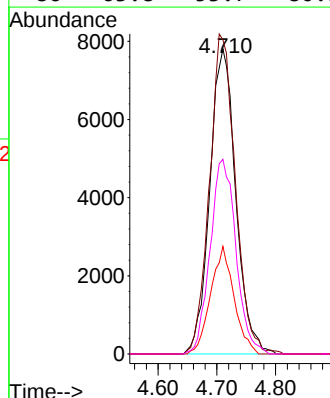
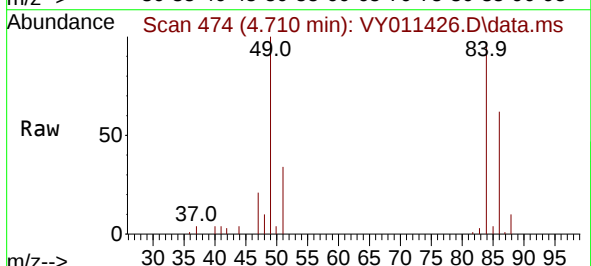
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722

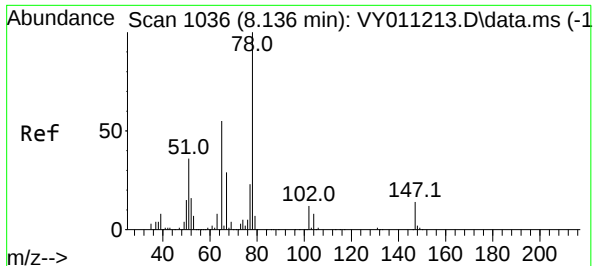
Tgt Ion:168 Resp: 126805
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#20
Methylene Chloride
Concen: 9.702 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

Tgt Ion: 84 Resp: 23991
Ion Ratio Lower Upper
84 100
49 103.0 114.4 171.6#
51 35.2 35.3 52.9#
86 63.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 108.544 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011426.D

Acq: 11 Nov 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

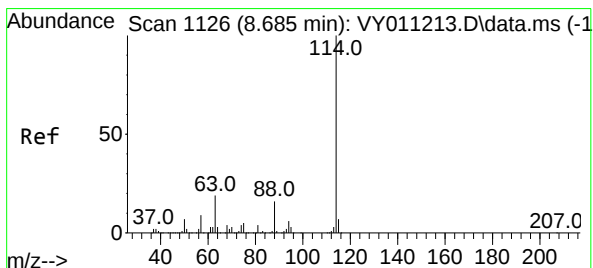
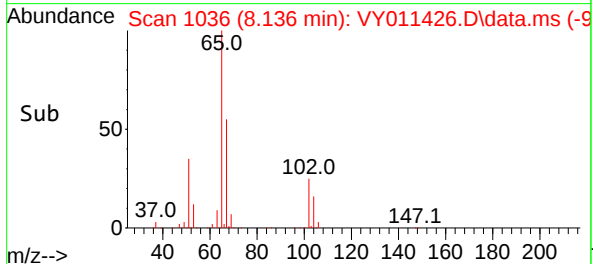
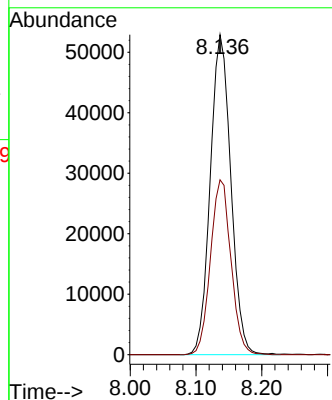
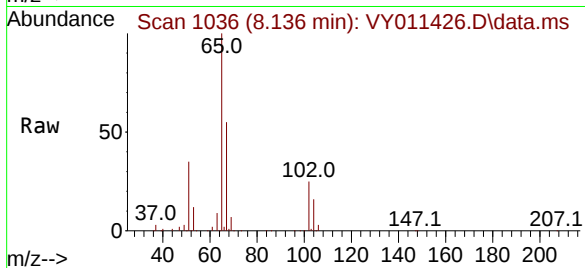
AU-06-110722

Tgt Ion: 65 Resp: 115337

Ion Ratio Lower Upper

65 100

67 54.3 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: VY011426.D

Acq: 11 Nov 2022 18:03

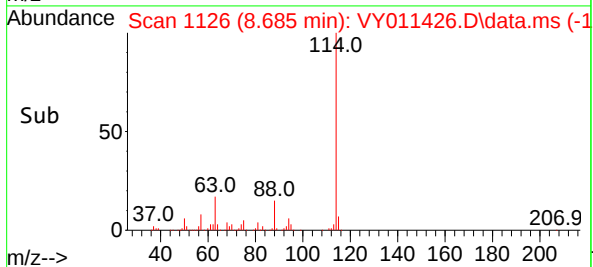
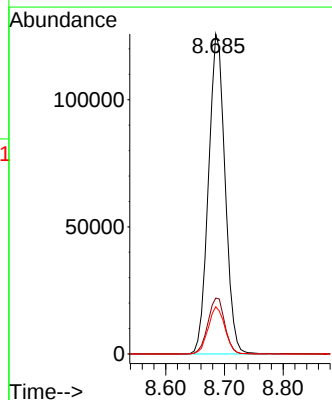
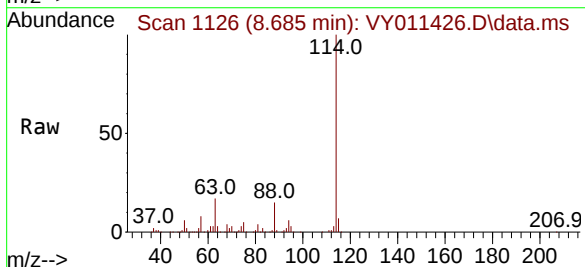
Tgt Ion:114 Resp: 246854

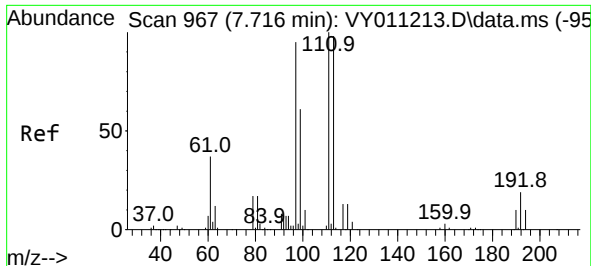
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.8 0.0 31.8

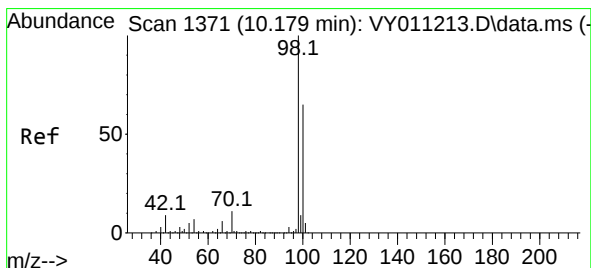
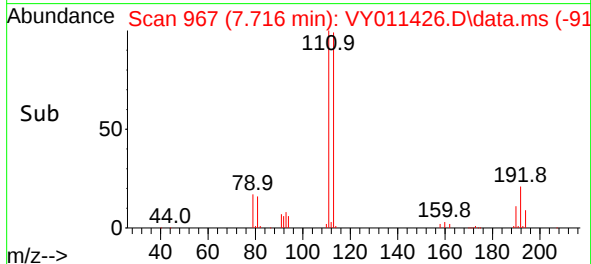
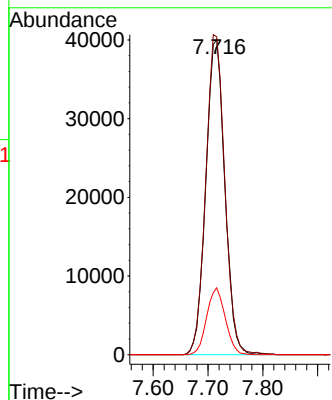
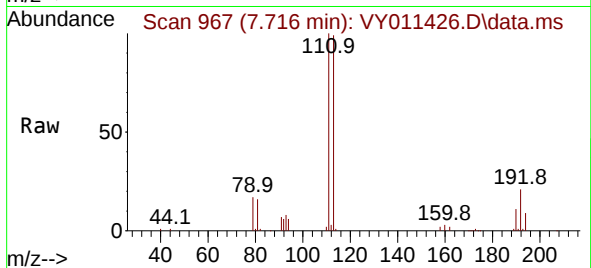




#35
Dibromofluoromethane
Concen: 69.397 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

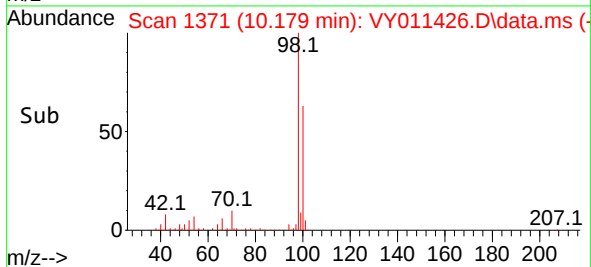
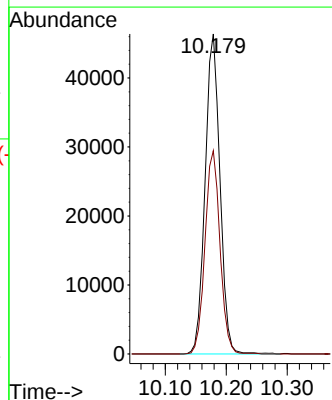
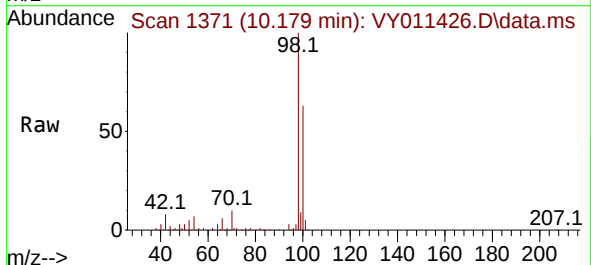
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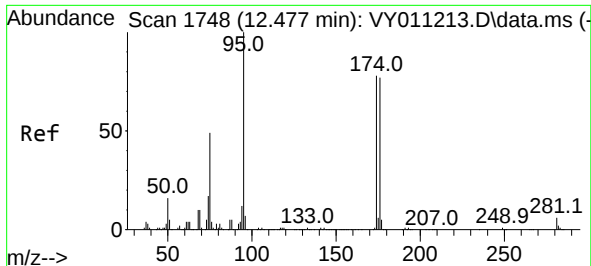
Tgt Ion:113 Resp: 96005
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 20.7 17.6 26.4



#50
Toluene-d8
Concen: 14.857 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

Tgt Ion: 98 Resp: 78520
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

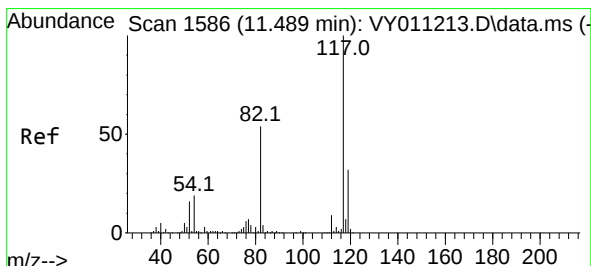
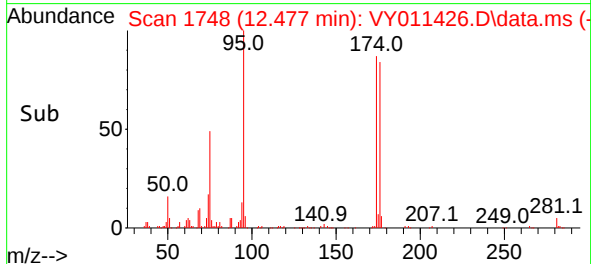
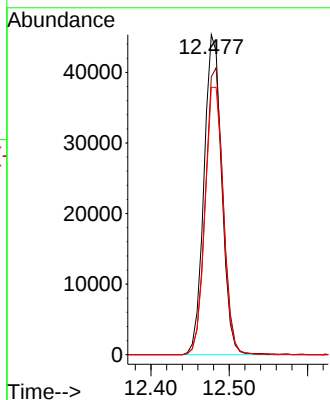
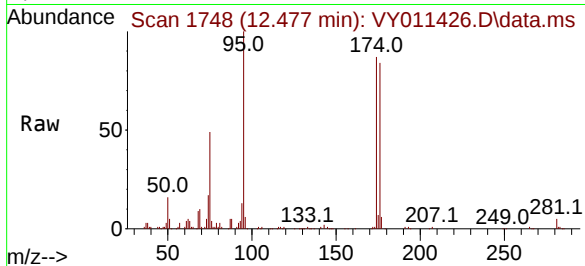




#62
4-Bromofluorobenzene
Concen: 38.581 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

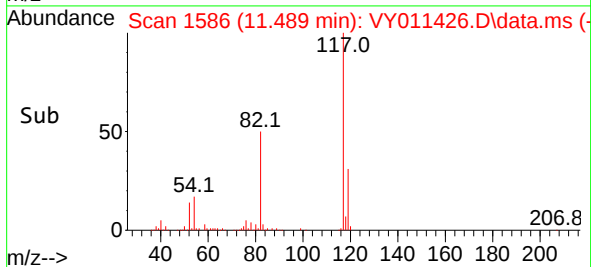
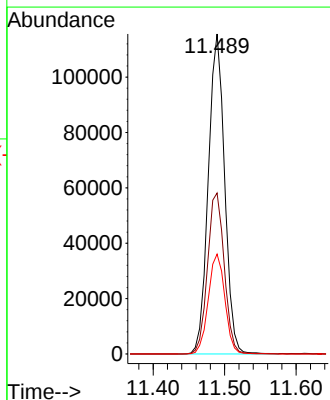
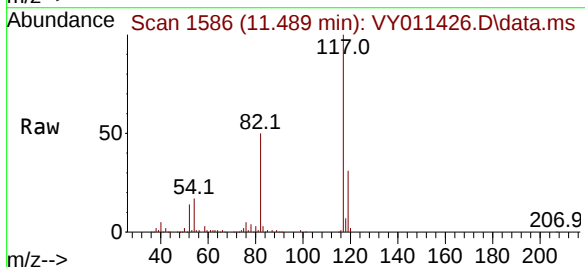
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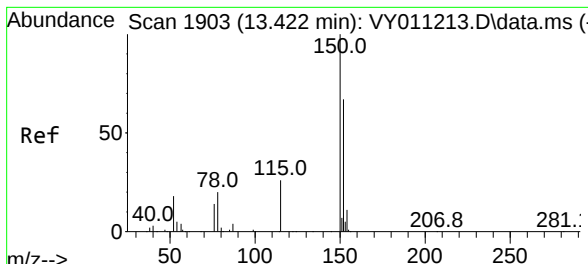
Tgt Ion: 95 Resp: 71121
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.0
176 86.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

Tgt Ion: 117 Resp: 183313
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 31.2 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: VY011426.D
 Acq: 11 Nov 2022 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-110722

Tgt Ion:	152	Resp:	97933
Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.2	84.7
150	155.6	0.0	347.6

