

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019889.D
 Acq On : 14 Oct 2024 14:08
 Operator : SY/MD
 Sample : P4397-02
 Misc : 7.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-301-BOT

Quant Time: Oct 15 01:36:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

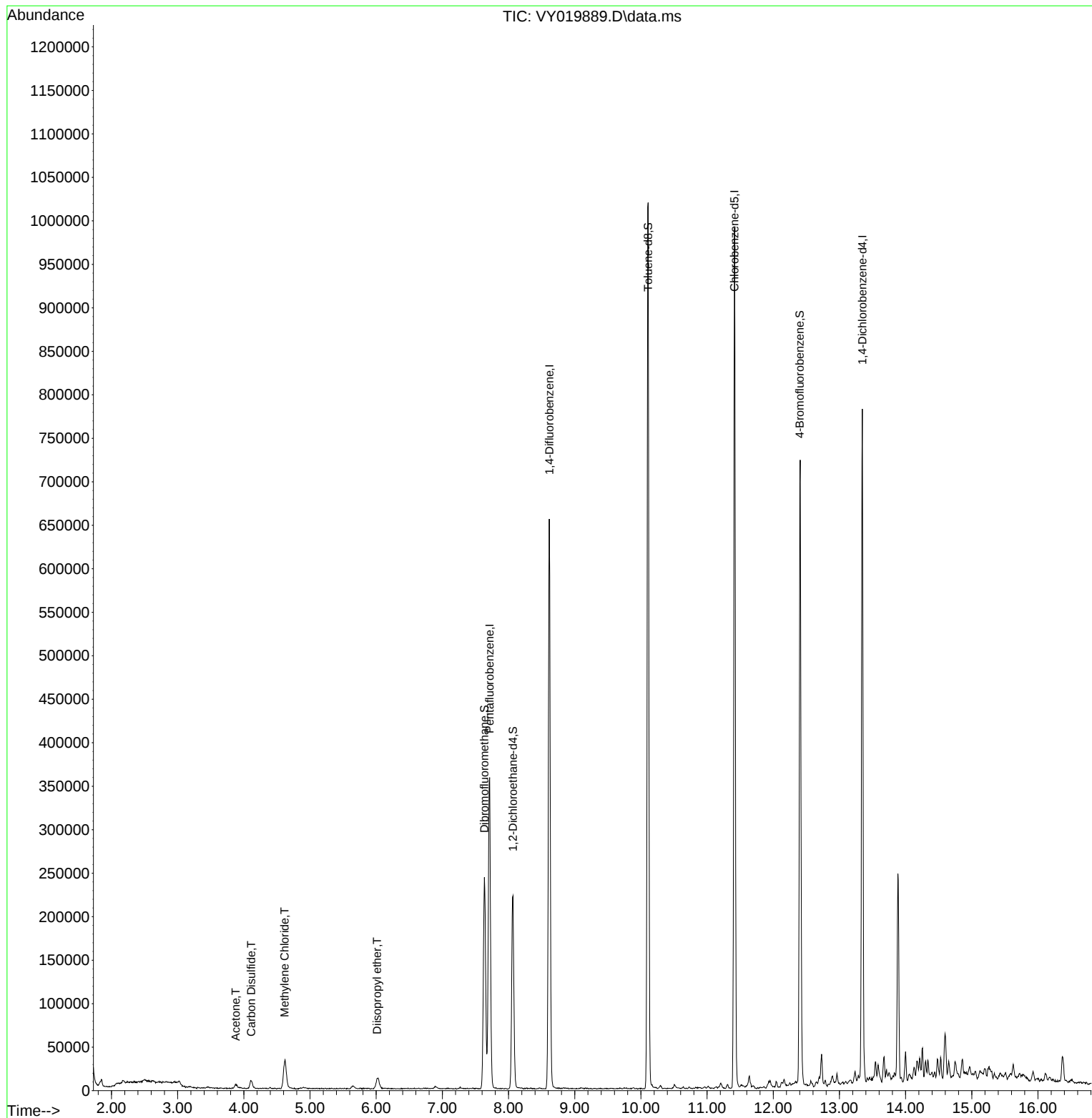
Internal Standards						
1) Pentafluorobenzene	7.713	168	252165	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	523891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	471714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	175128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	177217	57.077	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	114.160%	
35) Dibromofluoromethane	7.634	113	171944	49.736	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.480%	
50) Toluene-d8	10.109	98	640644	50.181	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	100.360%	
62) 4-Bromofluorobenzene	12.402	95	203661	44.150	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	88.300%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	8479	10.491	ug/l	# 73
17) Carbon Disulfide	4.110	76	17568	2.423	ug/l	95
20) Methylene Chloride	4.616	84	23306	7.112	ug/l	# 84
22) Diisopropyl ether	6.012	45	16618	1.563	ug/l	# 84

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

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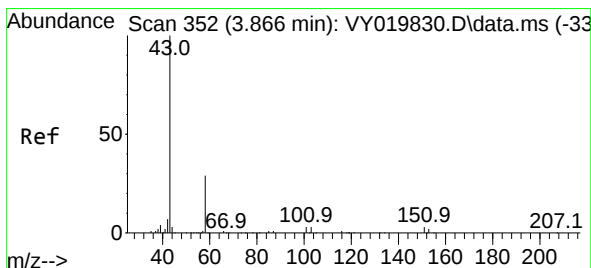
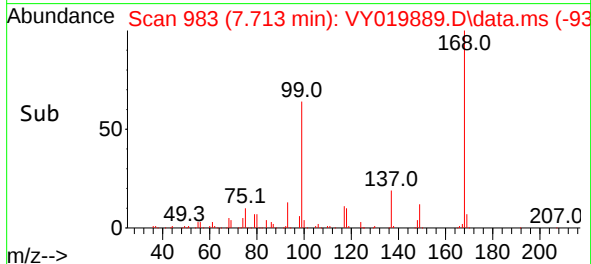
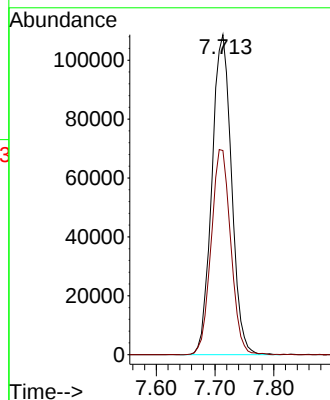
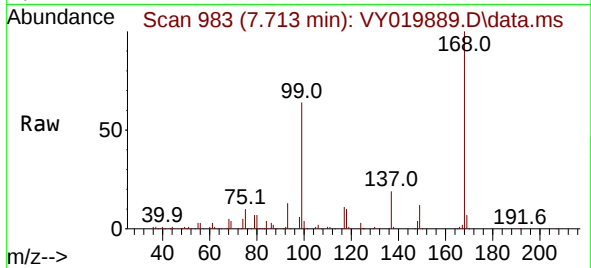




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

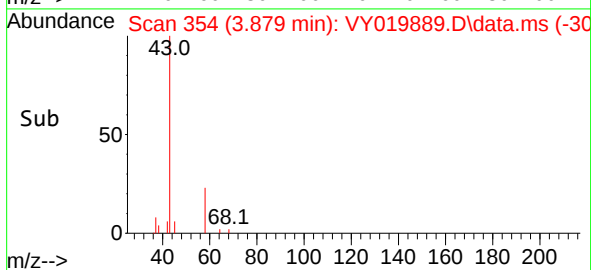
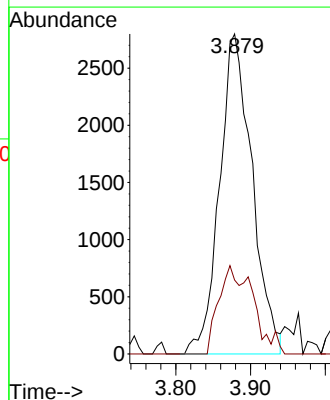
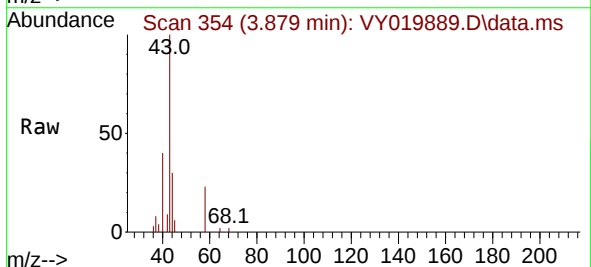
Instrument :
MSVOA_Y
ClientSampleId :
WB-301-BOT

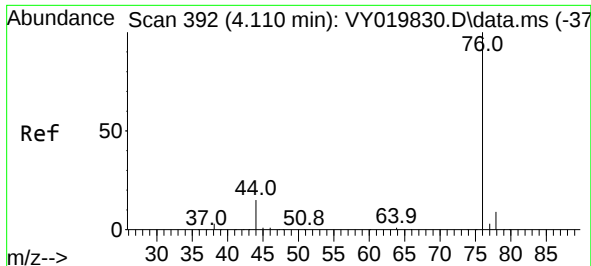
Tgt Ion:168 Resp: 252165
Ion Ratio Lower Upper
168 100
99 63.8 39.1 58.7#



#16
Acetone
Concen: 10.491 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

Tgt Ion: 43 Resp: 8479
Ion Ratio Lower Upper
43 100
58 23.1 31.7 47.5#





#17

Carbon Disulfide

Concen: 2.423 ug/l

RT: 4.110 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY019889.D

Acq: 14 Oct 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

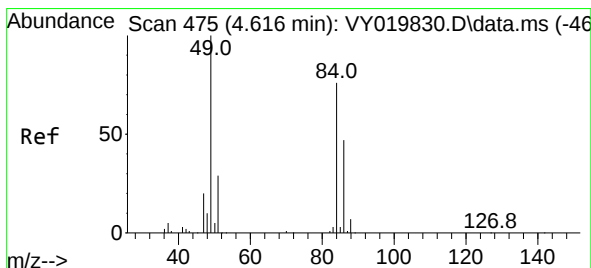
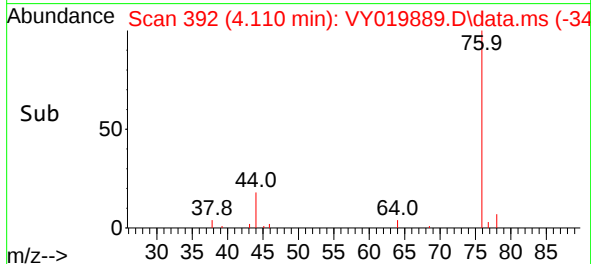
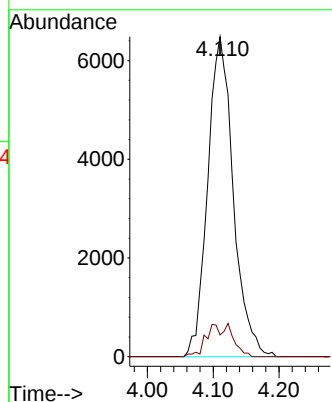
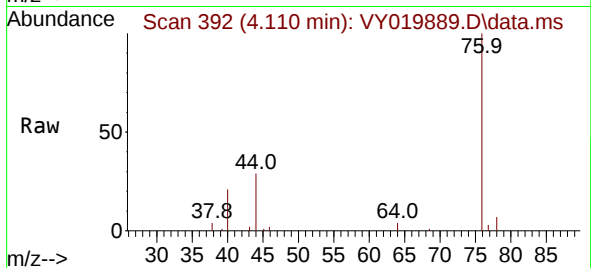
WB-301-BOT

Tgt Ion: 76 Resp: 17568

Ion Ratio Lower Upper

76 100

78 6.8 6.8 10.2



#20

Methylene Chloride

Concen: 7.112 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019889.D

Acq: 14 Oct 2024 14:08

Tgt Ion: 84 Resp: 23306

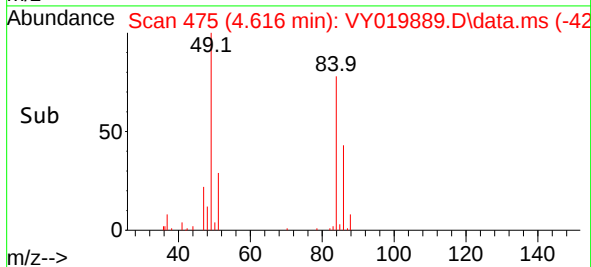
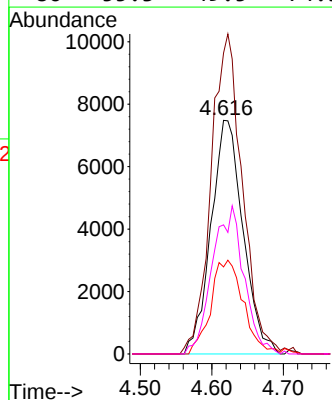
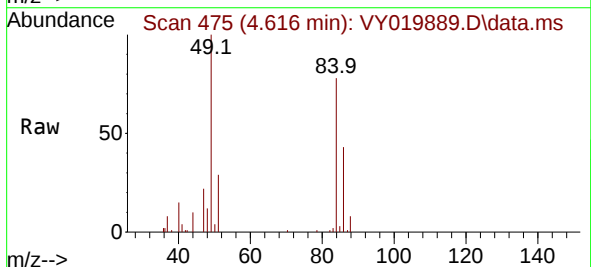
Ion Ratio Lower Upper

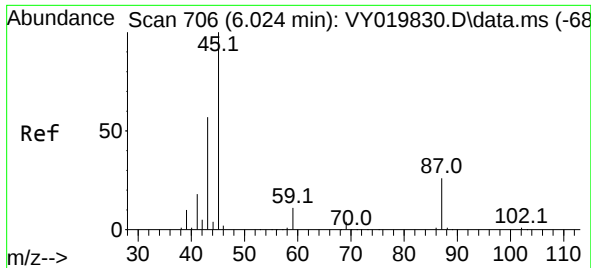
84 100

49 128.8 84.4 126.6#

51 37.2 26.0 39.0

86 55.3 49.5 74.3

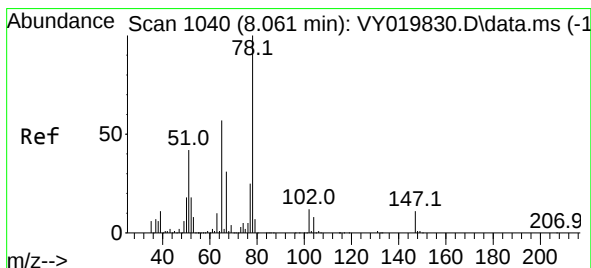
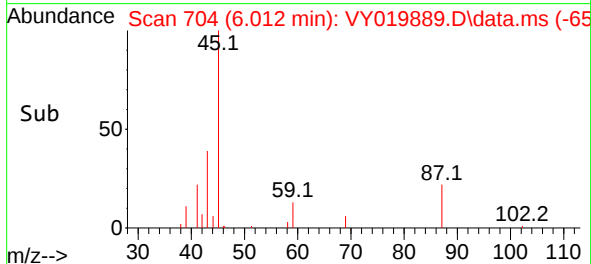
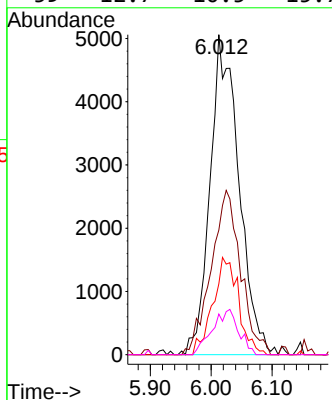
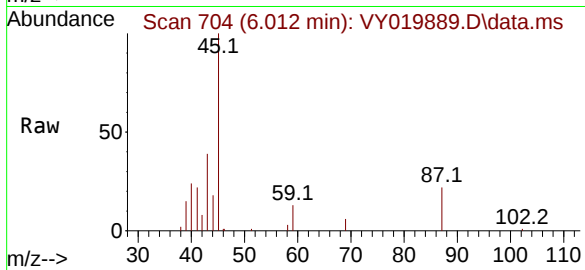




#22
Diisopropyl ether
Concen: 1.563 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

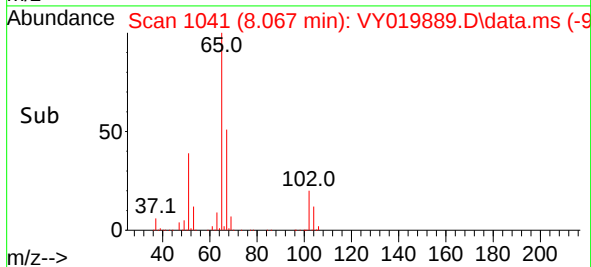
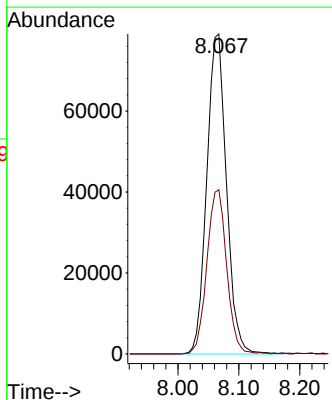
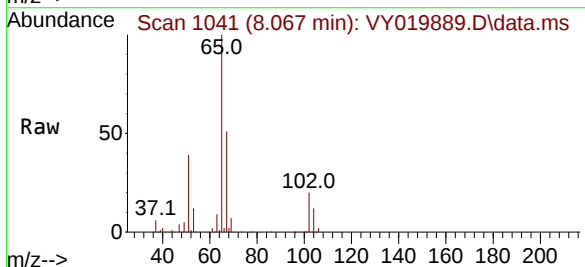
Instrument :
MSVOA_Y
ClientSampleId :
WB-301-BOT

Tgt Ion:	45	Resp:	16618
Ion	Ratio	Lower	Upper
45	100		
43	39.0	42.2	63.2#
87	22.2	25.0	37.6#
59	12.7	10.5	15.7



#33
1,2-Dichloroethane-d4
Concen: 57.077 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

Tgt Ion:	65	Resp:	177217
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	109.6

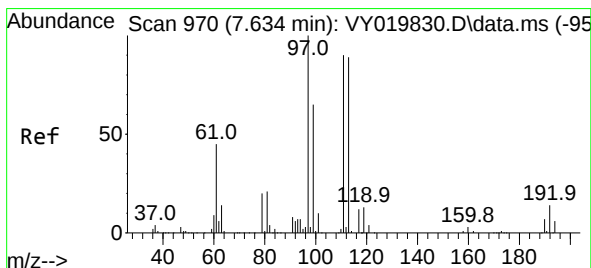
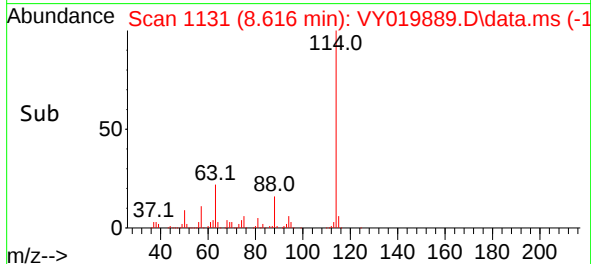
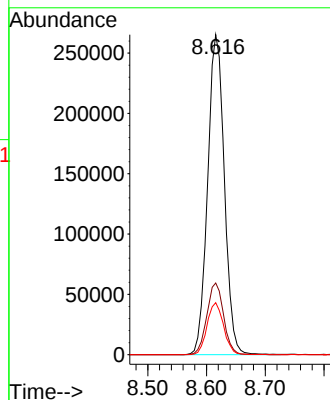
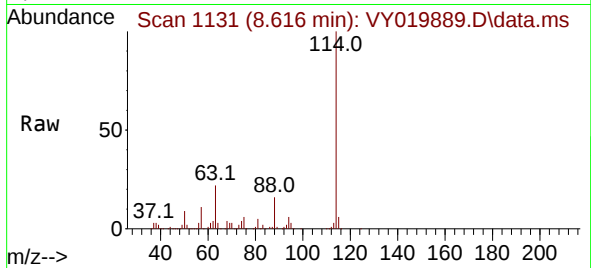




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

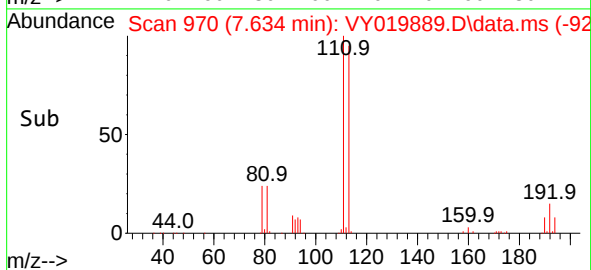
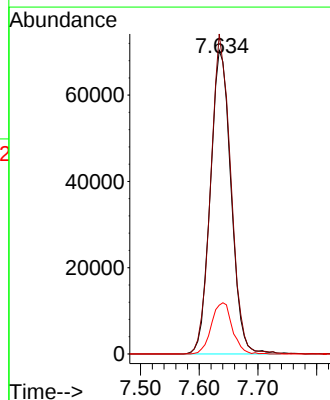
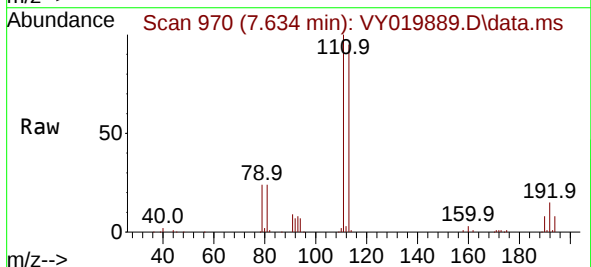
Instrument :
MSVOA_Y
ClientSampleId :
WB-301-BOT

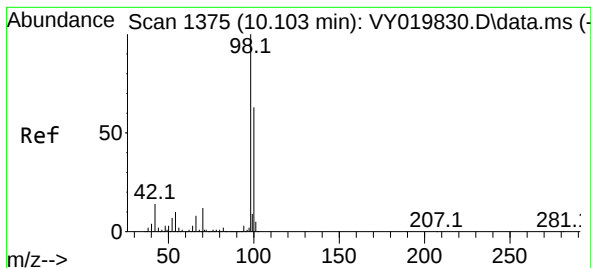
Tgt Ion:114 Resp: 523891
Ion Ratio Lower Upper
114 100
63 22.4 0.0 35.0
88 16.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.736 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

Tgt Ion:113 Resp: 171944
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 17.0 15.9 23.9





#50

Toluene-d8

Concen: 50.181 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019889.D

Acq: 14 Oct 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

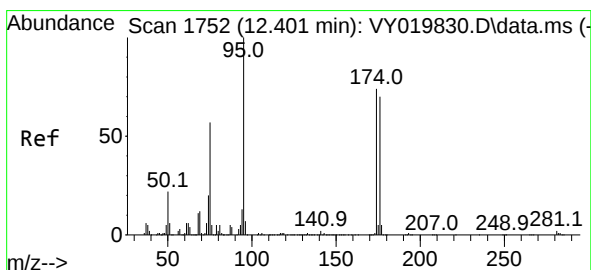
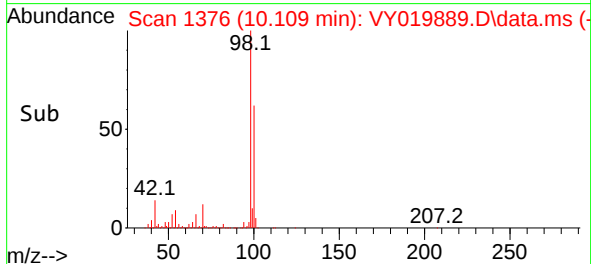
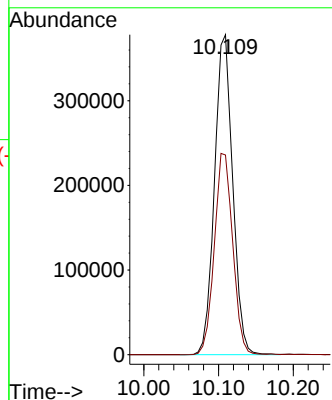
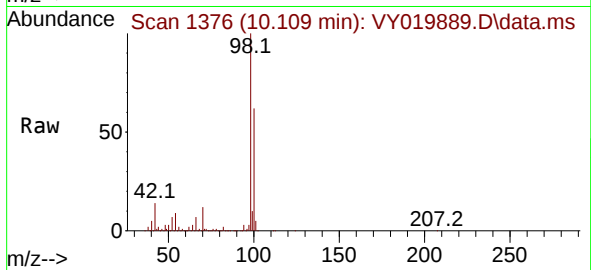
WB-301-BOT

Tgt Ion: 98 Resp: 640644

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.150 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019889.D

Acq: 14 Oct 2024 14:08

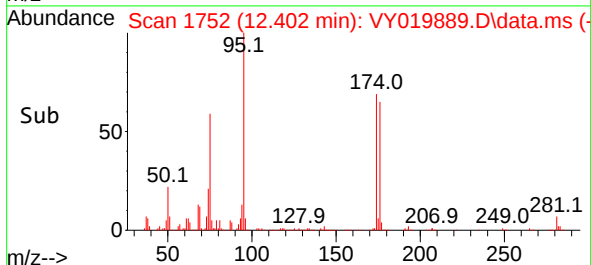
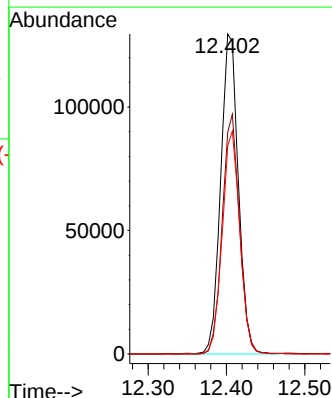
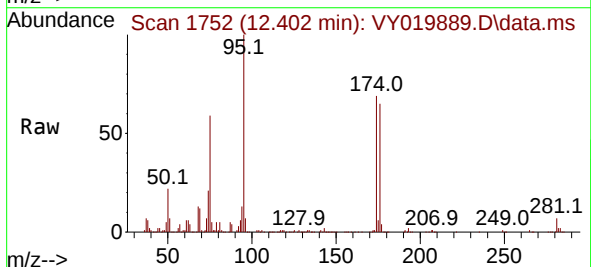
Tgt Ion: 95 Resp: 203661

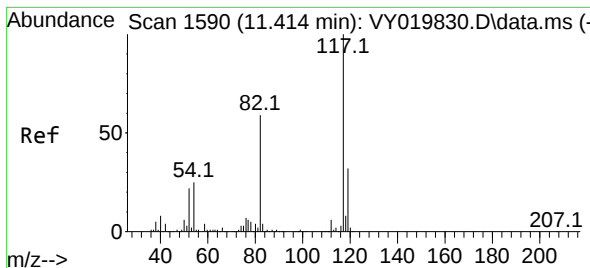
Ion Ratio Lower Upper

95 100

174 73.2 0.0 175.6

176 69.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019889.D

Acq: 14 Oct 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

WB-301-BOT

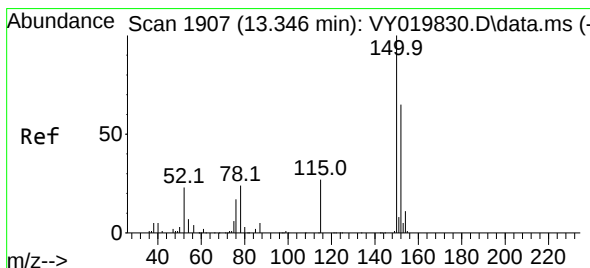
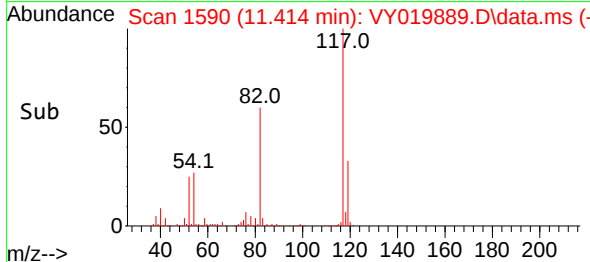
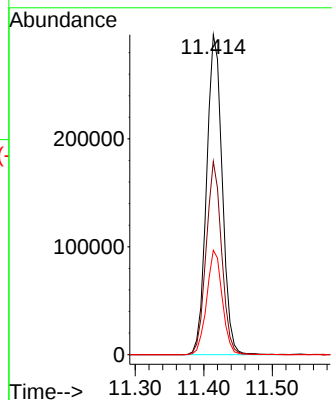
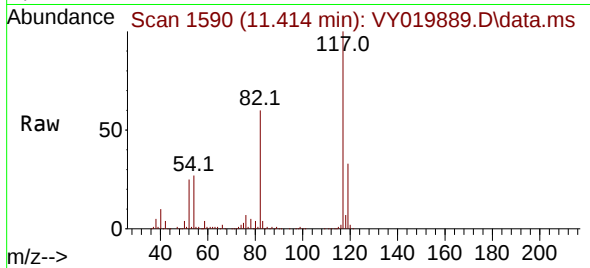
Tgt Ion:117 Resp: 471714

Ion Ratio Lower Upper

117 100

82 60.4 42.4 63.6

119 32.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019889.D

Acq: 14 Oct 2024 14:08

Tgt Ion:152 Resp: 175128

Ion Ratio Lower Upper

152 100

115 64.0 28.2 84.7

150 155.7 0.0 345.6

