

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020065.D
 Acq On : 29 Oct 2024 16:46
 Operator : SY/MD
 Sample : P4595-05
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PITKIN-GRAB

Quant Time: Oct 30 01:27:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

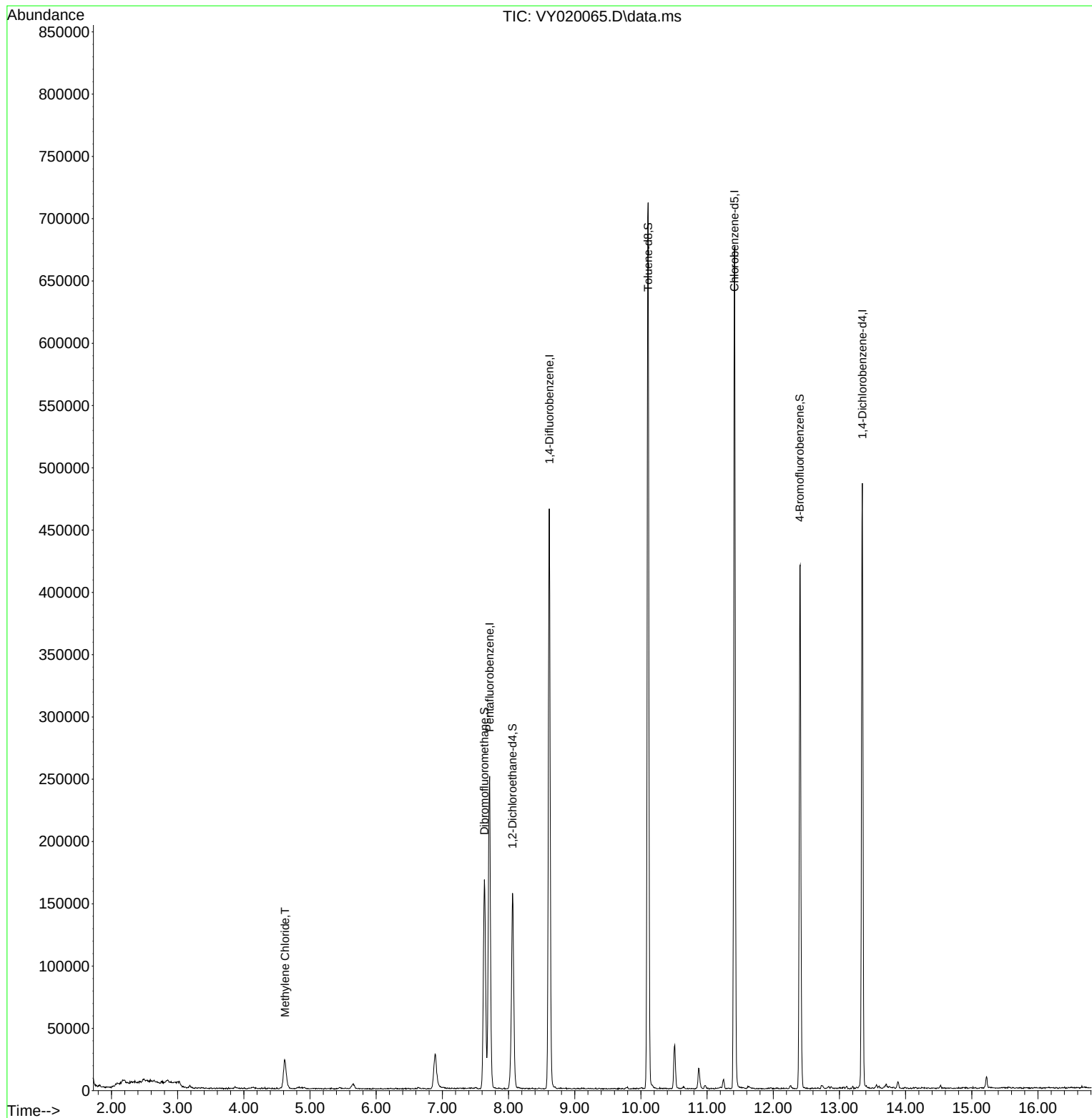
Internal Standards						
1) Pentafluorobenzene	7.713	168	173611	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	361686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	321061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	107370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	111384	52.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.220%	
35) Dibromofluoromethane	7.634	113	117989	49.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.880%	
50) Toluene-d8	10.109	98	451824	51.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.401	95	126304	39.659	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 79.320%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.622	84	14244	6.222	ug/l	# 76

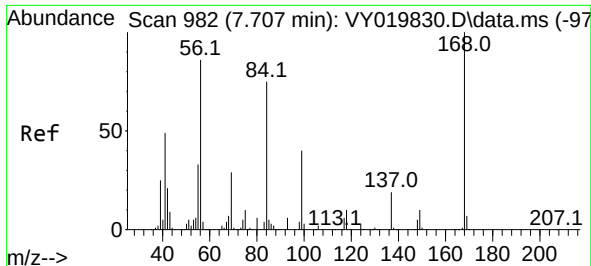
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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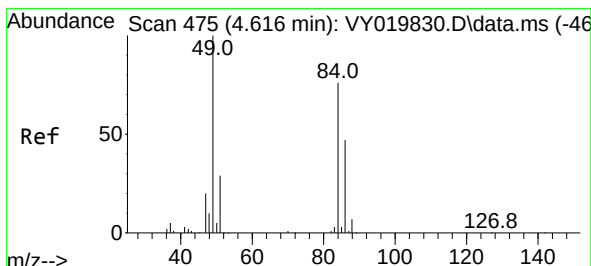
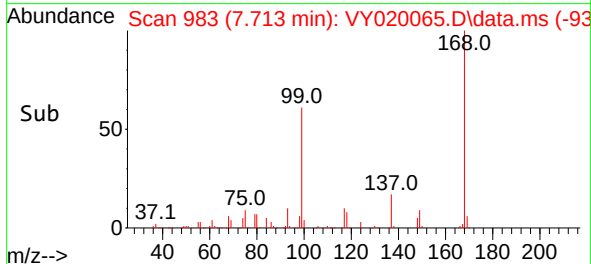
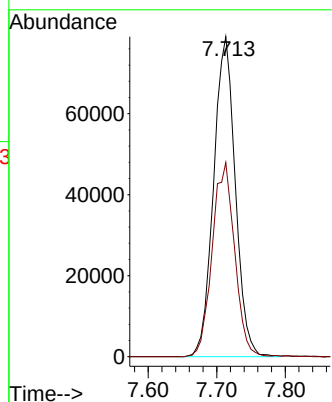
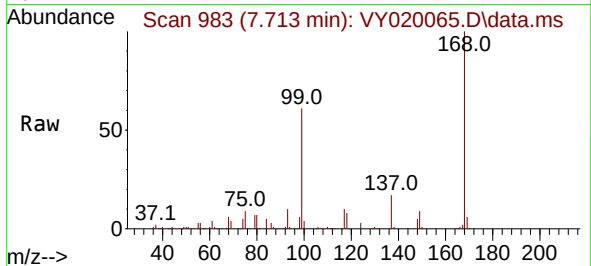




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020065.D
Acq: 29 Oct 2024 16:46

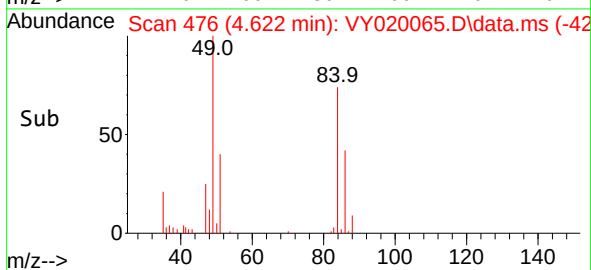
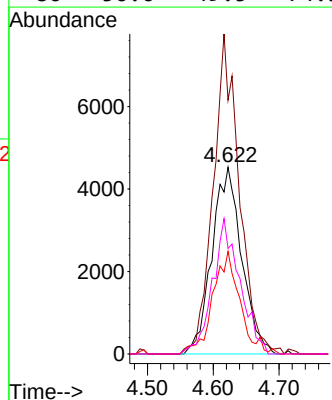
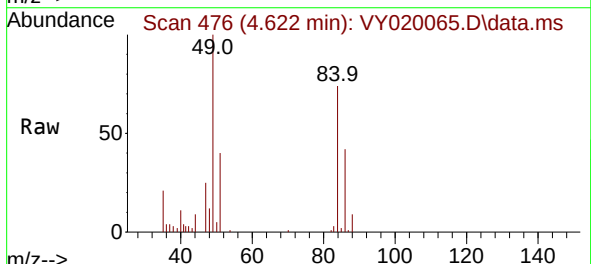
Instrument :
MSVOA_Y
ClientSampleId :
PITKIN-GRAB

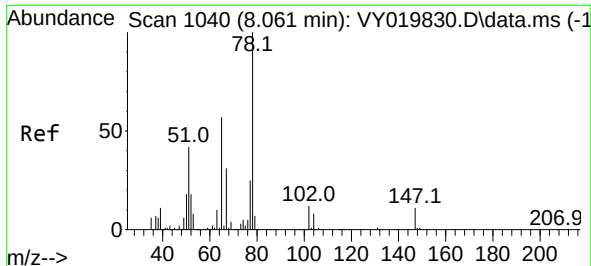
Tgt Ion:168 Resp: 173611
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#20
Methylene Chloride
Concen: 6.222 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020065.D
Acq: 29 Oct 2024 16:46

Tgt Ion: 84 Resp: 14244
Ion Ratio Lower Upper
84 100
49 135.9 84.4 126.6#
51 54.9 26.0 39.0#
86 56.6 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 52.105 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY020065.D

Acq: 29 Oct 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

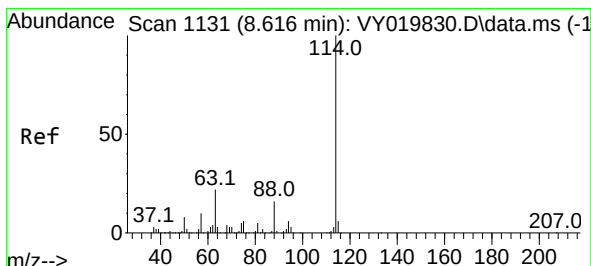
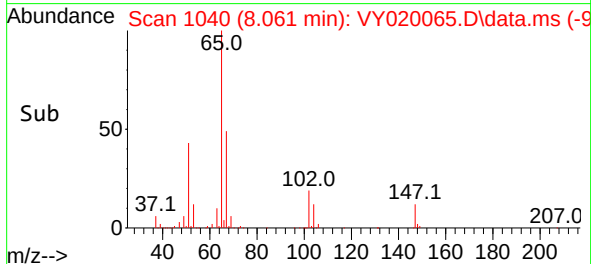
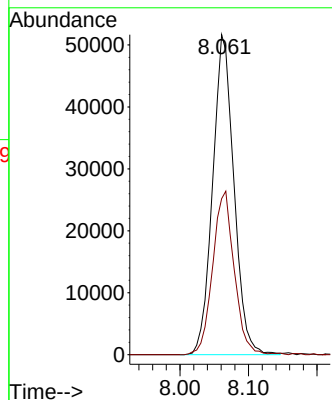
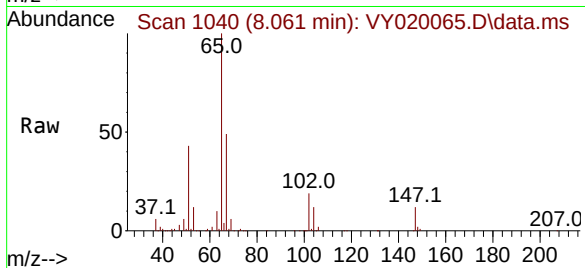
PITKIN-GRAB

Tgt Ion: 65 Resp: 111384

Ion Ratio Lower Upper

65 100

67 51.5 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: VY020065.D

Acq: 29 Oct 2024 16:46

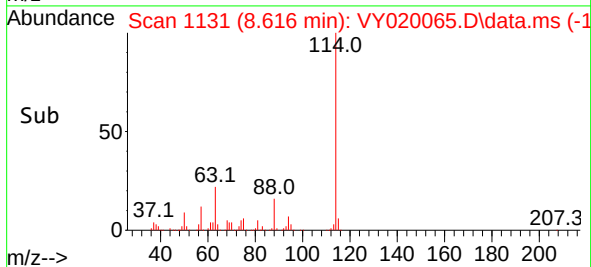
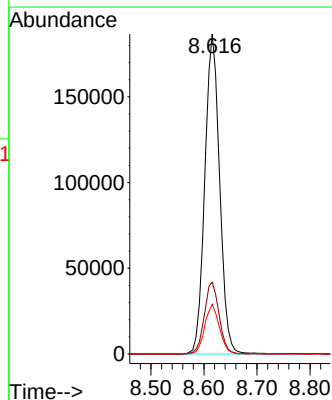
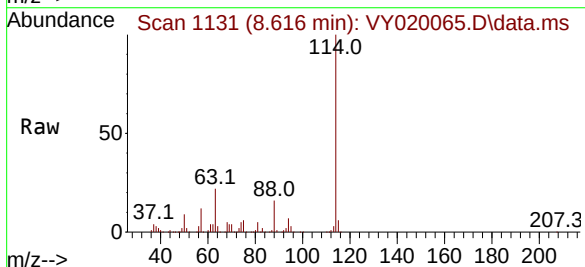
Tgt Ion: 114 Resp: 361686

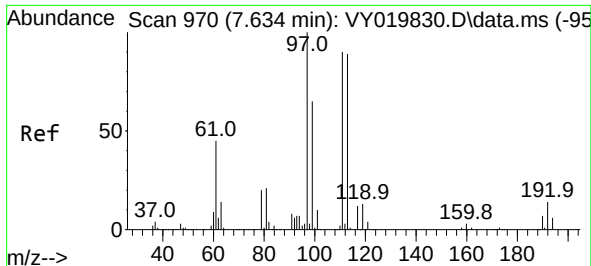
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

88 15.5 0.0 27.2

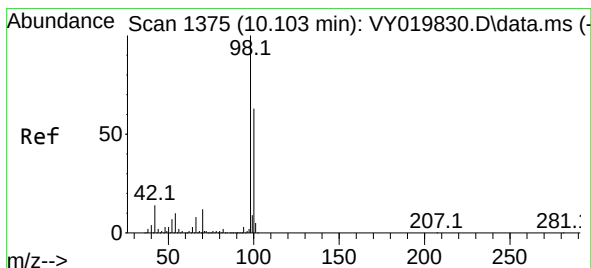
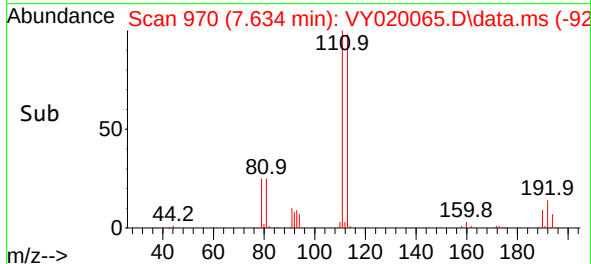
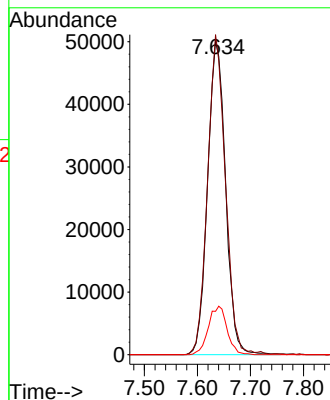
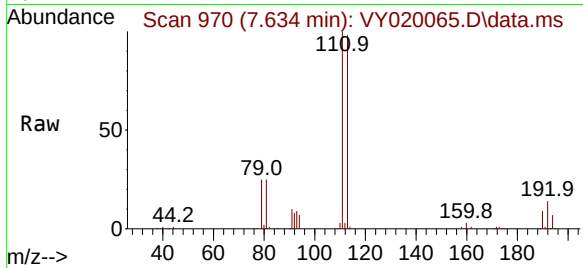




#35
Dibromofluoromethane
Concen: 49.435 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020065.D
Acq: 29 Oct 2024 16:46

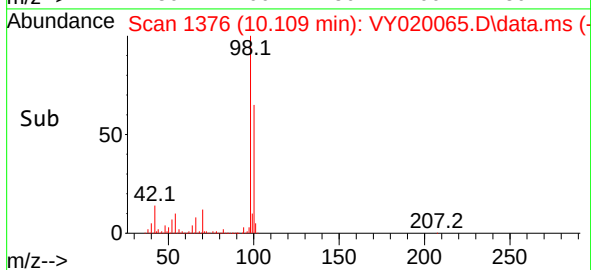
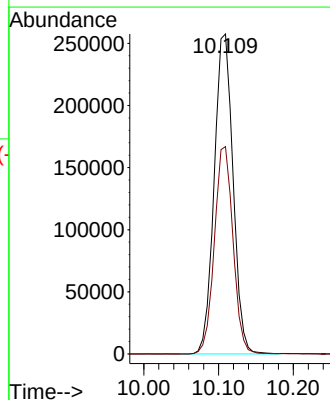
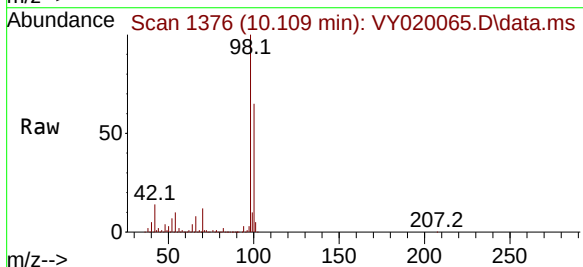
Instrument :
MSVOA_Y
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PITKIN-GRAB

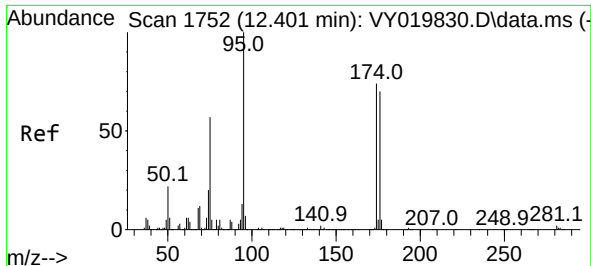
Tgt Ion:113 Resp: 117989
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 16.1 15.9 23.9



#50
Toluene-d8
Concen: 51.263 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020065.D
Acq: 29 Oct 2024 16:46

Tgt Ion: 98 Resp: 451824
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 39.659 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020065.D

Acq: 29 Oct 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

PITKIN-GRAB

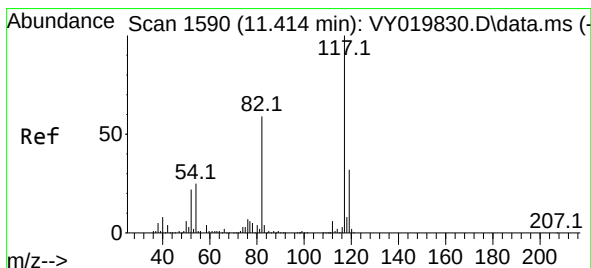
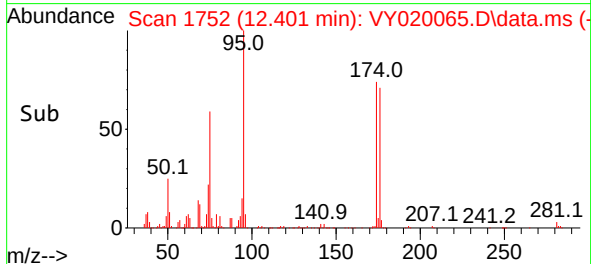
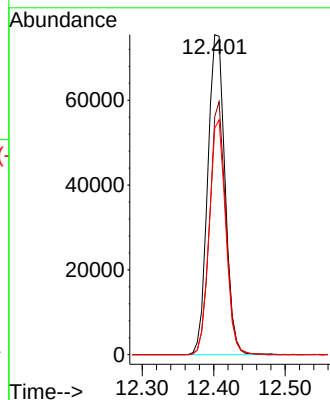
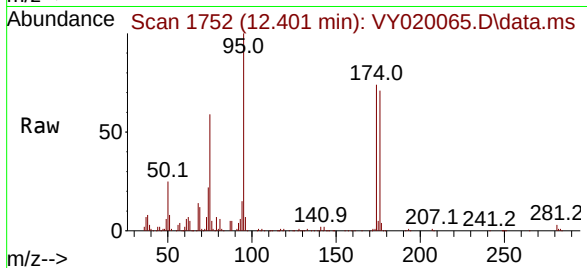
Tgt Ion: 95 Resp: 126304

Ion Ratio Lower Upper

95 100

174 74.1 0.0 175.6

176 70.2 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020065.D

Acq: 29 Oct 2024 16:46

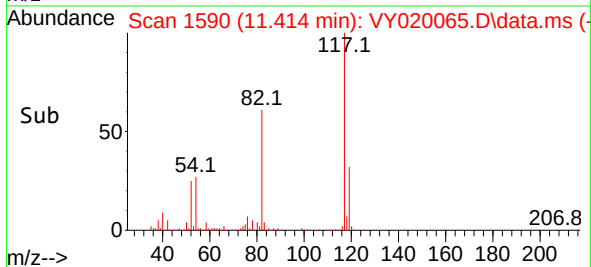
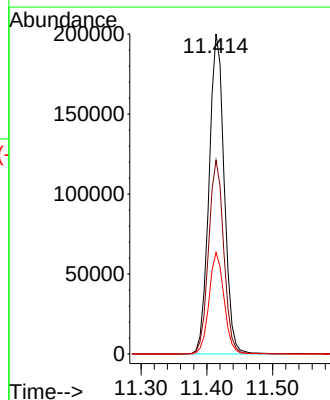
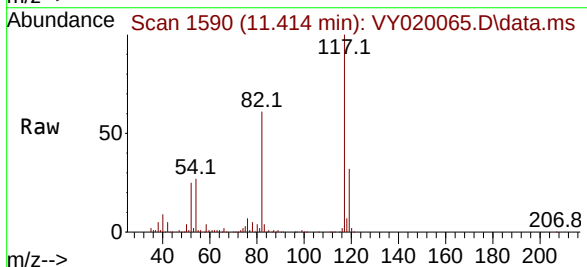
Tgt Ion: 117 Resp: 321061

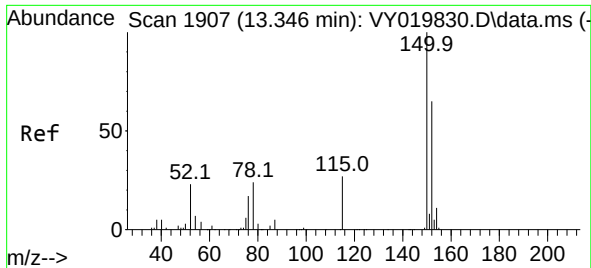
Ion Ratio Lower Upper

117 100

82 60.5 42.4 63.6

119 31.7 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: VY020065.D

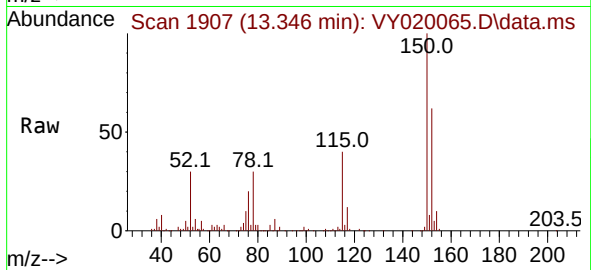
Acq: 29 Oct 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

PITKIN-GRAB



Tgt Ion:152 Resp: 107370

Ion Ratio Lower Upper

152 100

115 63.5 28.2 84.7

150 161.7 0.0 345.6

