

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019797.D
 Acq On : 04 Oct 2024 14:07
 Operator : SY/MD
 Sample : P4277-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-10022024

Quant Time: Oct 04 23:31:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

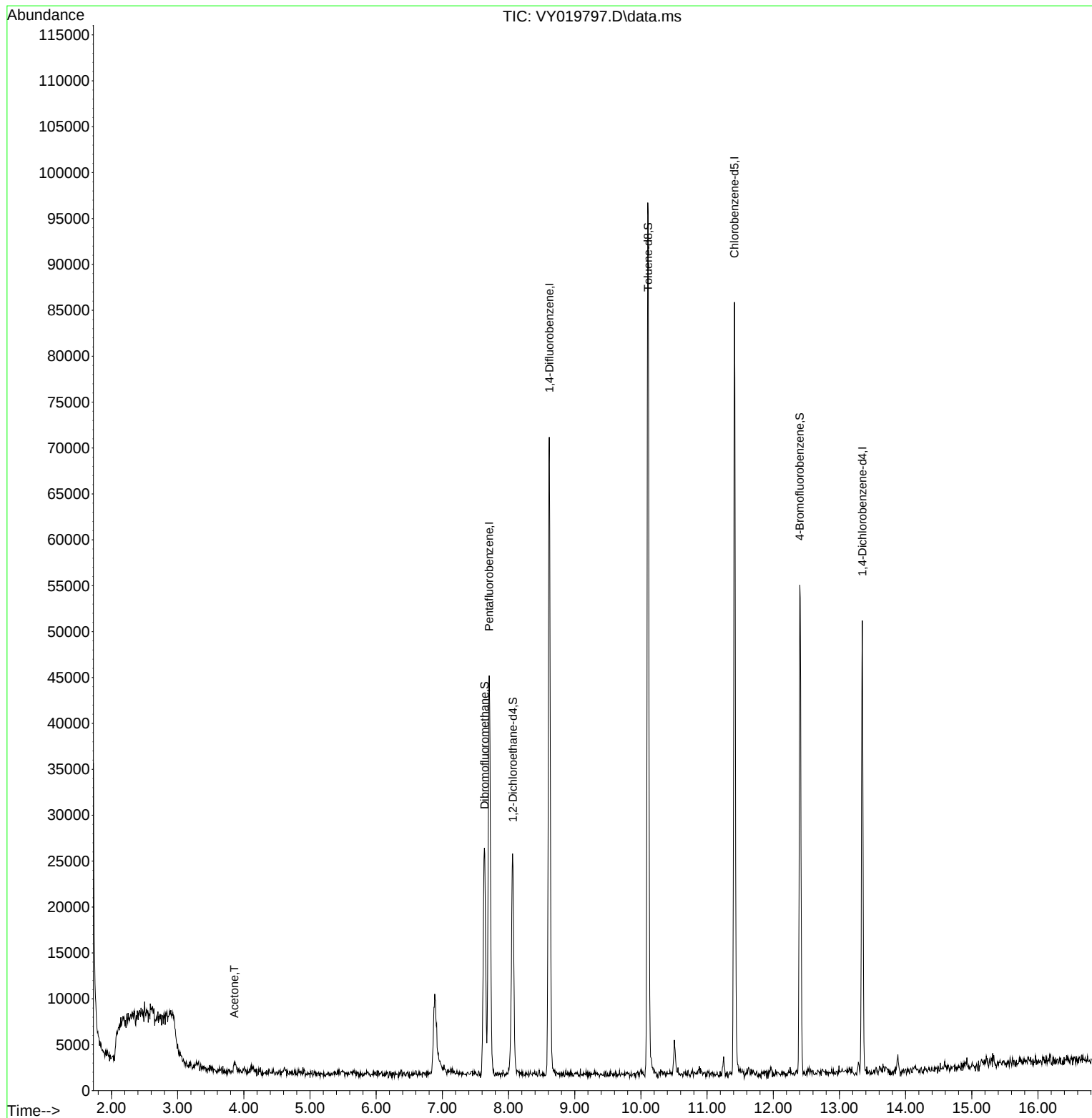
Internal Standards						
1) Pentafluorobenzene	7.707	168	32767	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	58227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	43735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	12531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	17725	58.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.840%
35) Dibromofluoromethane	7.640	113	18326	55.510	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.020%
50) Toluene-d8	10.109	98	63794	52.243	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.402	95	16946	36.092	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	72.180%
Target Compounds						
16) Acetone	3.854	43	1878	25.981	ug/l	Qvalue # 76

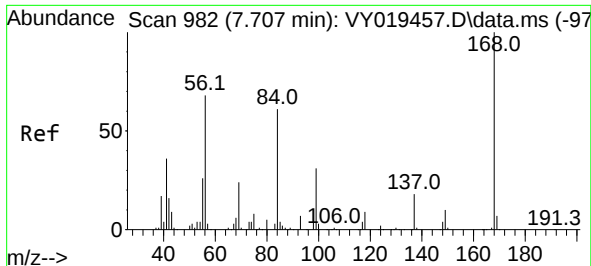
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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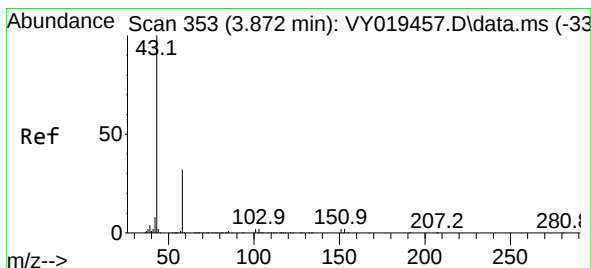
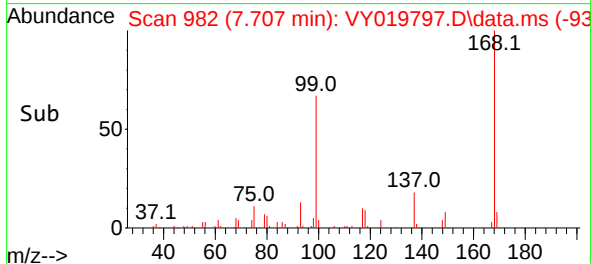
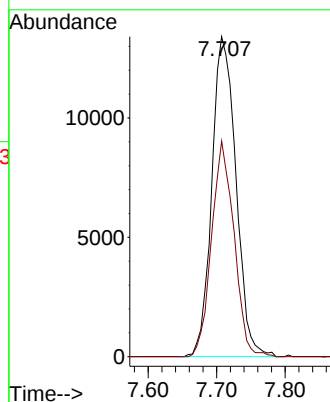
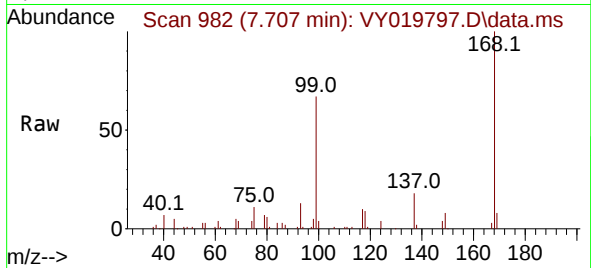




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019797.D
Acq: 04 Oct 2024 14:07

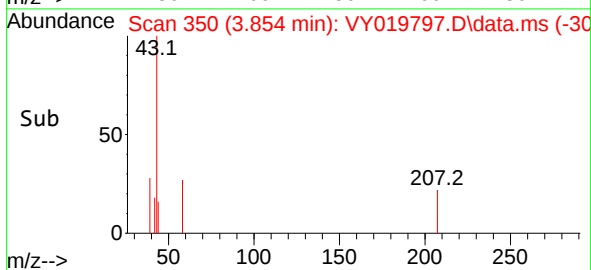
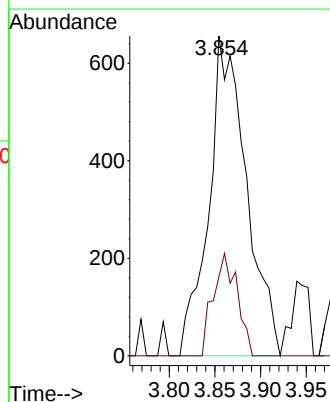
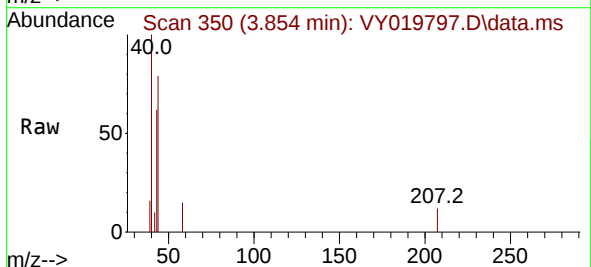
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-10022024

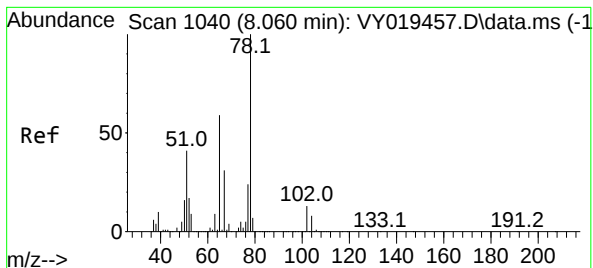
Tgt Ion:168 Resp: 32767
Ion Ratio Lower Upper
168 100
99 67.4 39.1 58.7#



#16
Acetone
Concen: 25.981 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY019797.D
Acq: 04 Oct 2024 14:07

Tgt Ion: 43 Resp: 1878
Ion Ratio Lower Upper
43 100
58 24.7 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 58.418 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY019797.D

Acq: 04 Oct 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

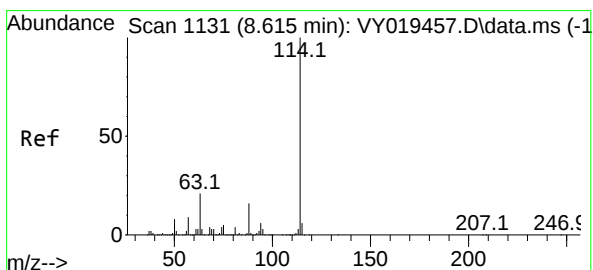
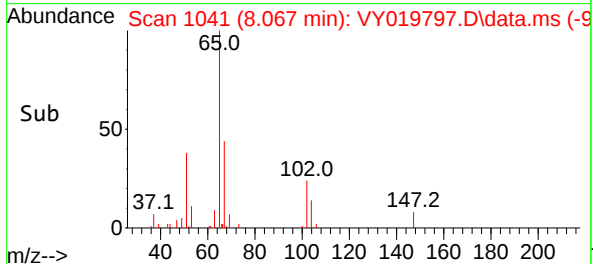
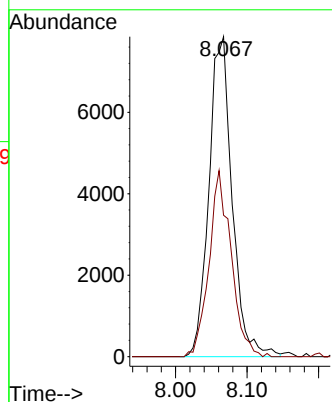
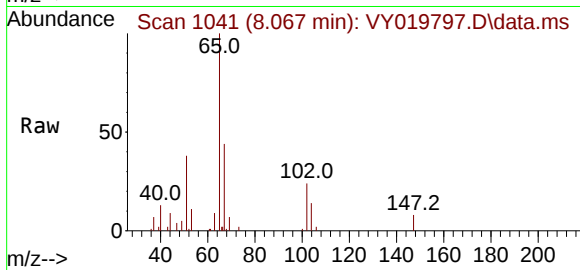
BU-03-10022024

Tgt Ion: 65 Resp: 17725

Ion Ratio Lower Upper

65 100

67 55.4 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: VY019797.D

Acq: 04 Oct 2024 14:07

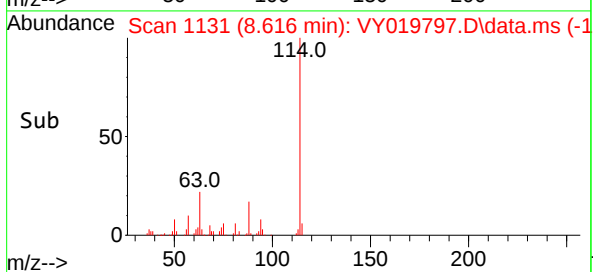
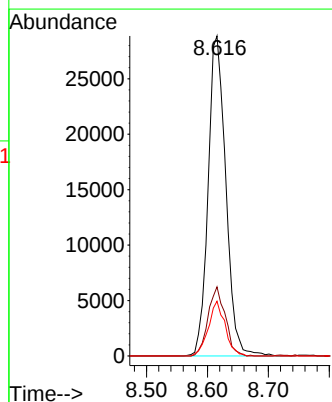
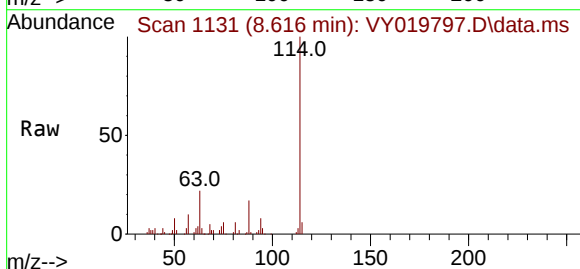
Tgt Ion: 114 Resp: 58227

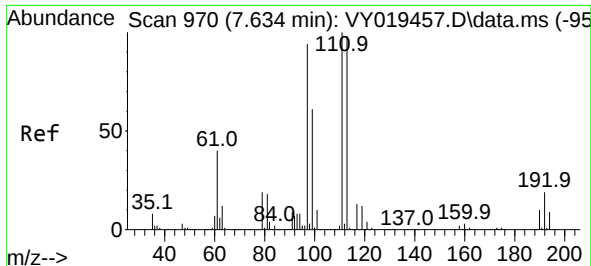
Ion Ratio Lower Upper

114 100

63 21.6 0.0 35.0

88 17.1 0.0 27.2

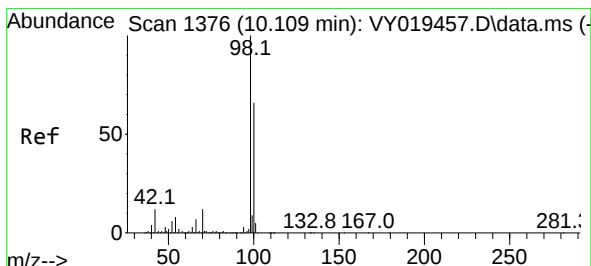
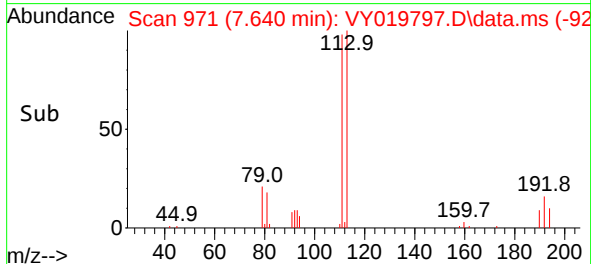
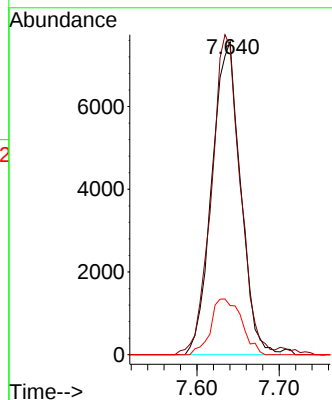
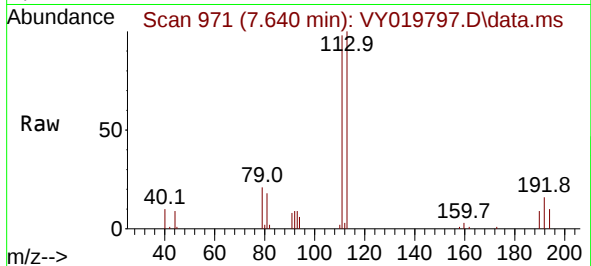




#35
Dibromofluoromethane
Concen: 55.510 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019797.D
Acq: 04 Oct 2024 14:07

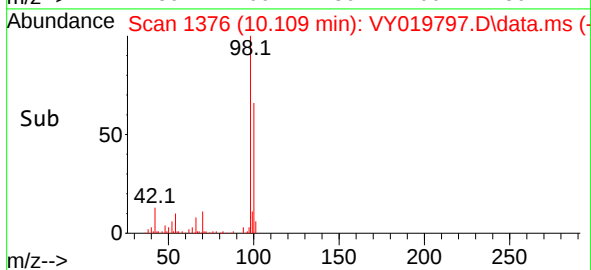
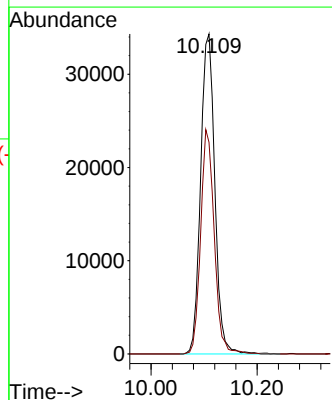
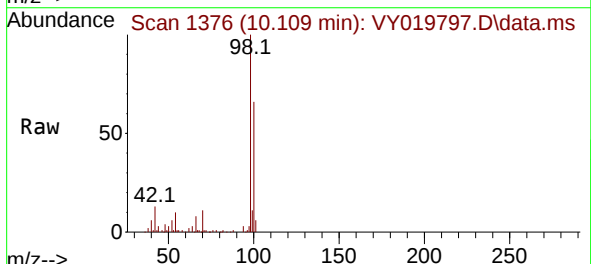
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-10022024

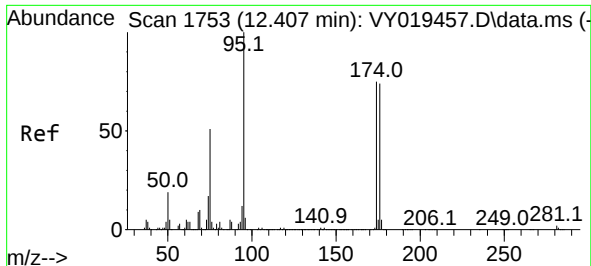
Tgt Ion:113 Resp: 18326
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 19.1 15.9 23.9



#50
Toluene-d8
Concen: 52.243 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019797.D
Acq: 04 Oct 2024 14:07

Tgt Ion: 98 Resp: 63794
Ion Ratio Lower Upper
98 100
100 67.2 52.0 78.0

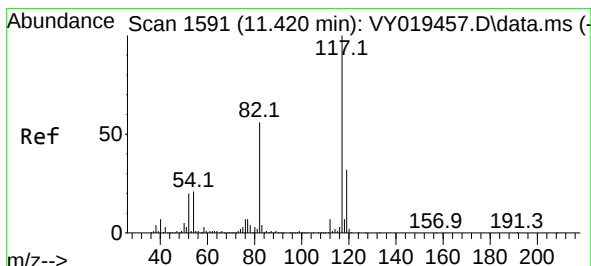
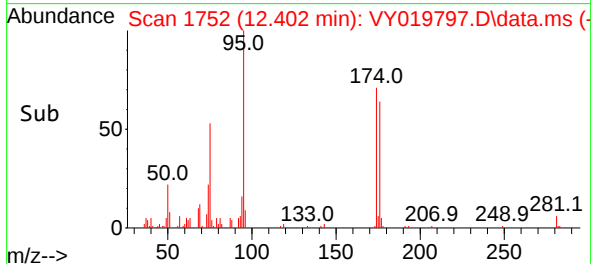
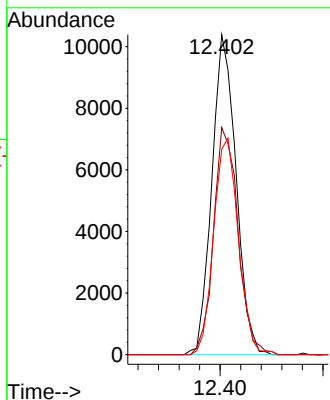
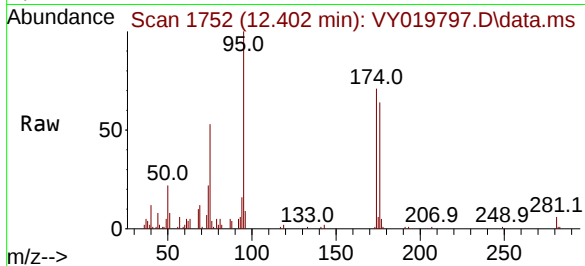




#62
4-Bromofluorobenzene
Concen: 36.092 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019797.D
Acq: 04 Oct 2024 14:07

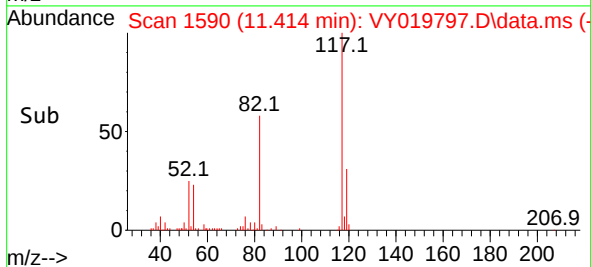
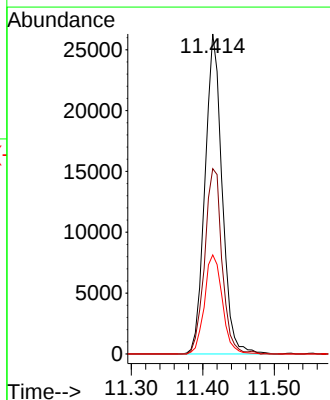
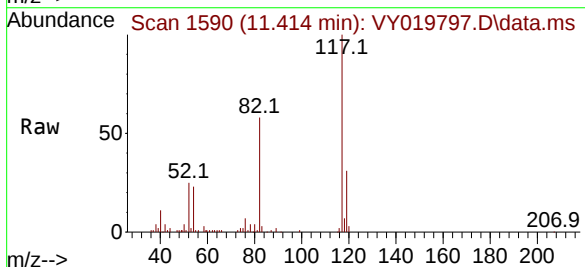
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-10022024

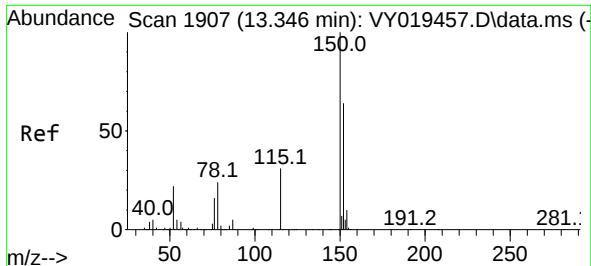
Tgt Ion: 95 Resp: 16946
Ion Ratio Lower Upper
95 100
174 71.8 0.0 175.6
176 69.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019797.D
Acq: 04 Oct 2024 14:07

Tgt Ion: 117 Resp: 43735
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 30.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019797.D

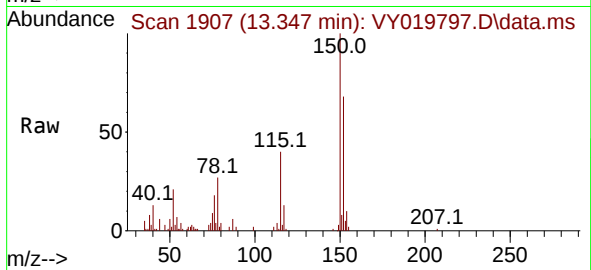
Acq: 04 Oct 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-10022024



Tgt Ion:152 Resp: 12531

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 139.9 0.0 345.6

