

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019677.D
 Acq On : 24 Sep 2024 13:11
 Operator : SY/MD
 Sample : P4149-14
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-7

Quant Time: Sep 25 01:24:15 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)

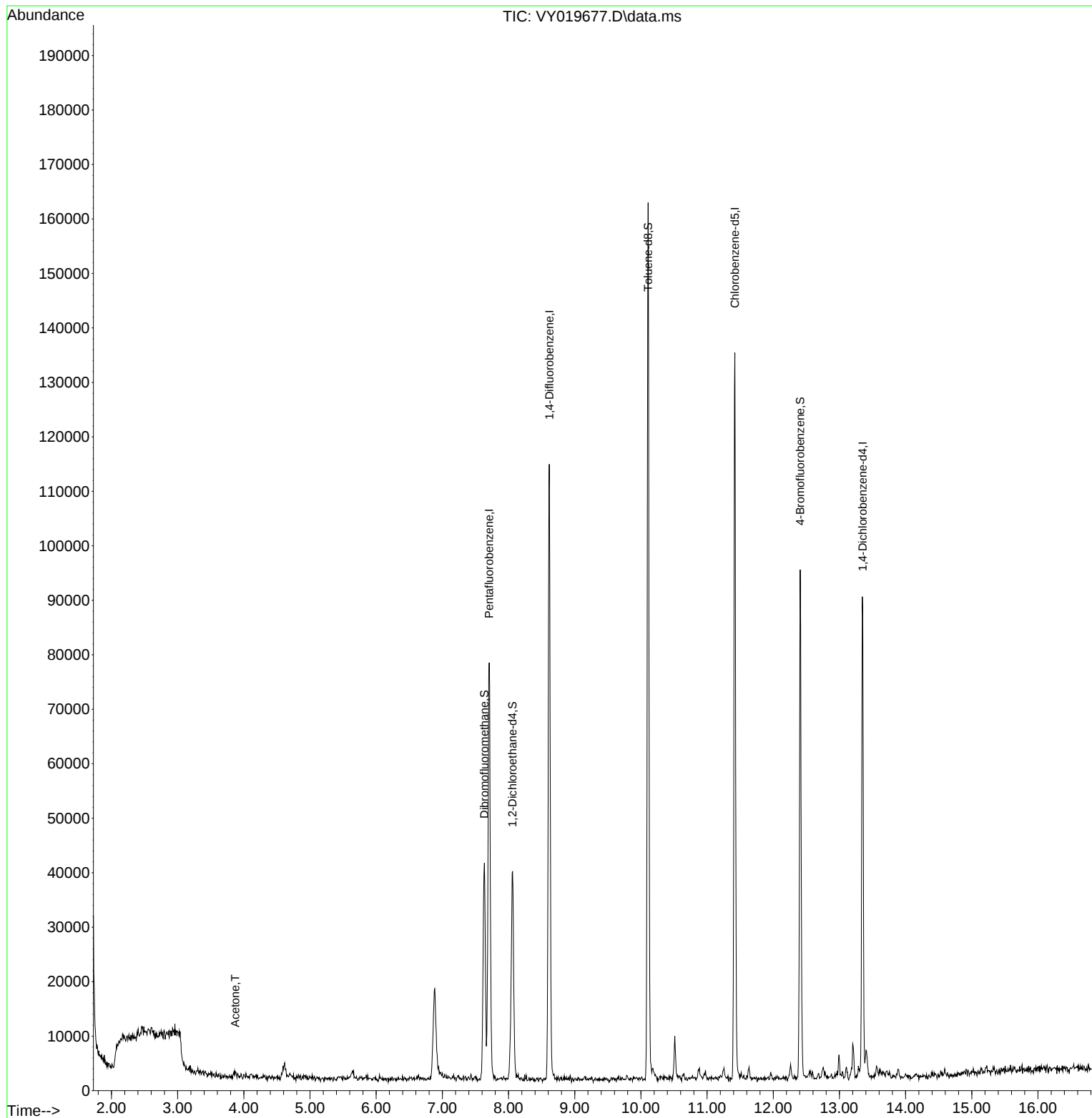
Internal Standards						
1) Pentafluorobenzene	7.707	168	57612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	98371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	72147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	22313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	27108	50.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.620%
35) Dibromofluoromethane	7.634	113	28878	51.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.560%
50) Toluene-d8	10.109	98	105604	51.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.408	95	28209	35.562	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	71.120%
Target Compounds						
16) Acetone	3.873	43	1915	15.068	ug/l	Qvalue 91

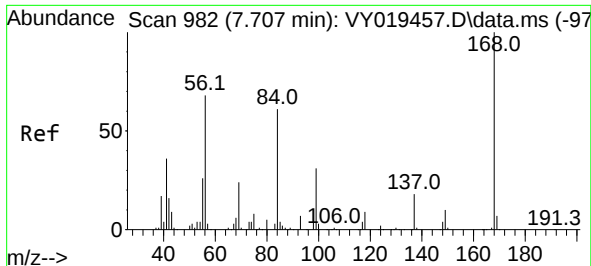
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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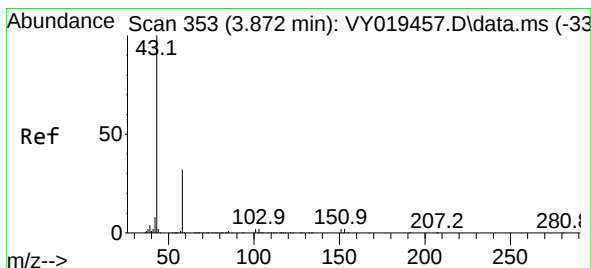
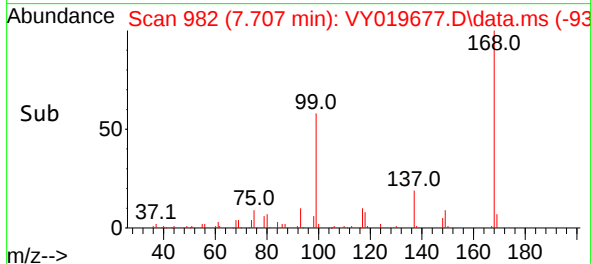
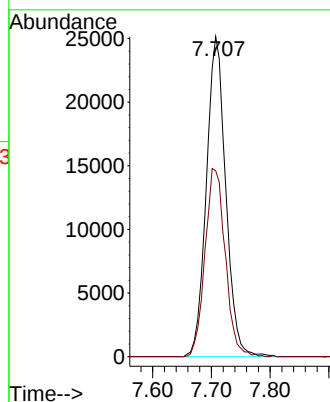
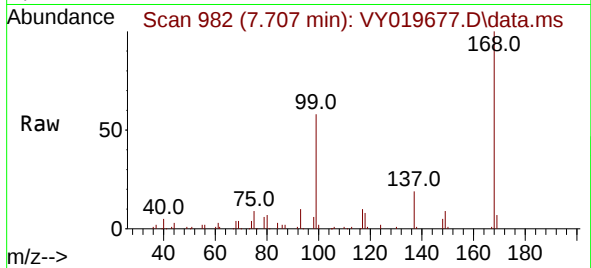




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019677.D
Acq: 24 Sep 2024 13:11

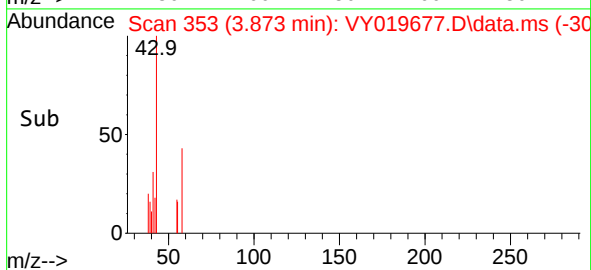
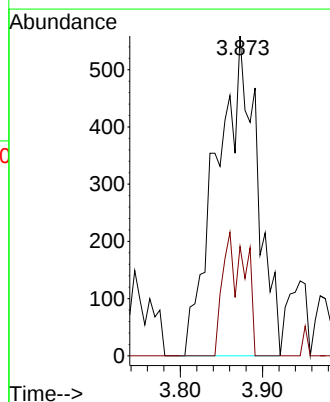
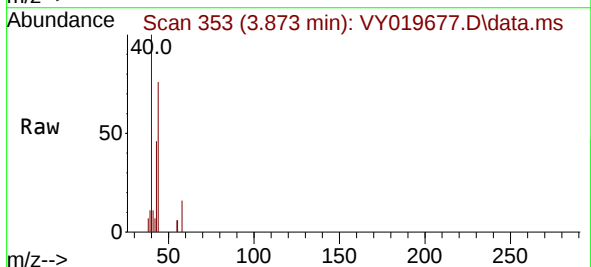
Instrument :
MSVOA_Y
ClientSampleId :
COMP-7

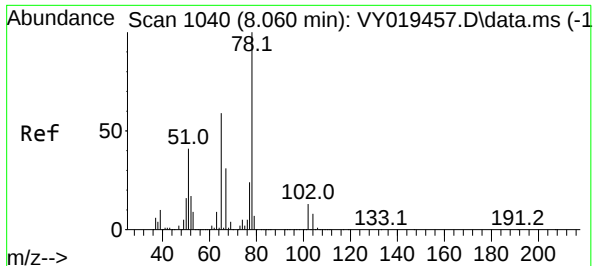
Tgt Ion:168 Resp: 57612
Ion Ratio Lower Upper
168 100
99 58.1 39.1 58.7



#16
Acetone
Concen: 15.068 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019677.D
Acq: 24 Sep 2024 13:11

Tgt Ion: 43 Resp: 1915
Ion Ratio Lower Upper
43 100
58 34.2 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 50.814 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019677.D

Acq: 24 Sep 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

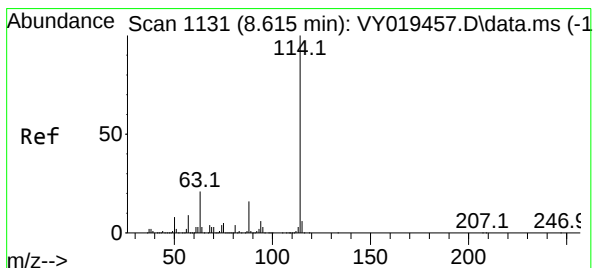
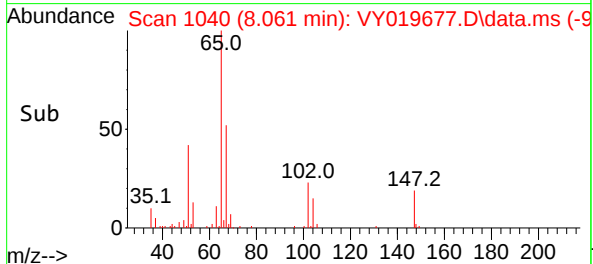
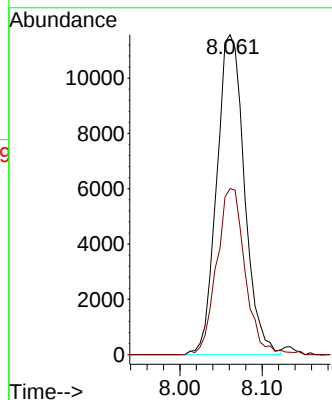
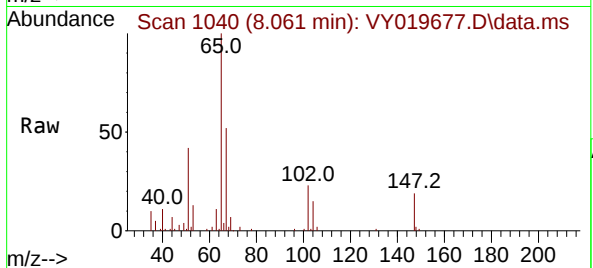
COMP-7

Tgt Ion: 65 Resp: 27108

Ion Ratio Lower Upper

65 100

67 53.6 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: VY019677.D

Acq: 24 Sep 2024 13:11

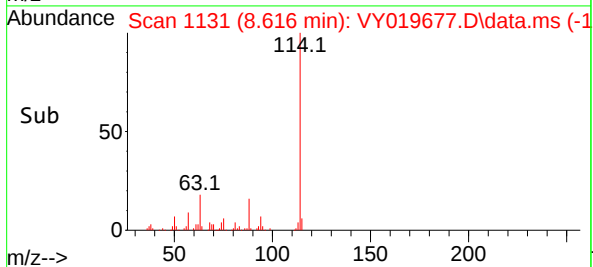
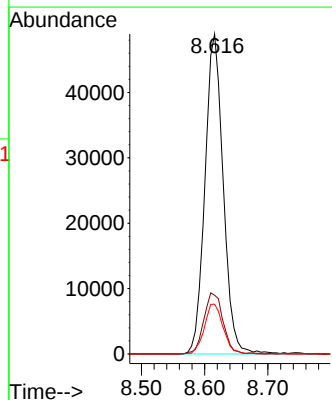
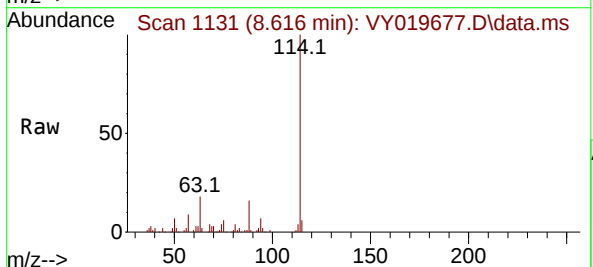
Tgt Ion: 114 Resp: 98371

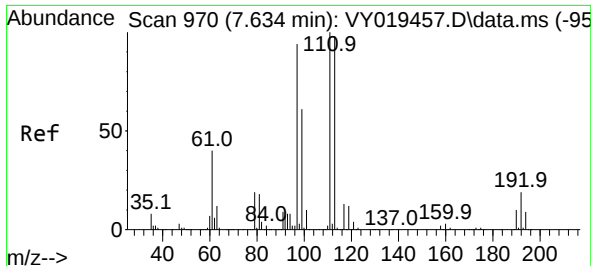
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 15.6 0.0 27.2

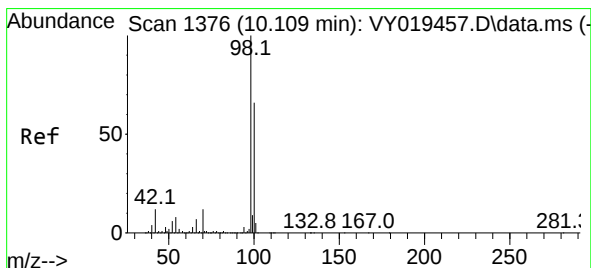
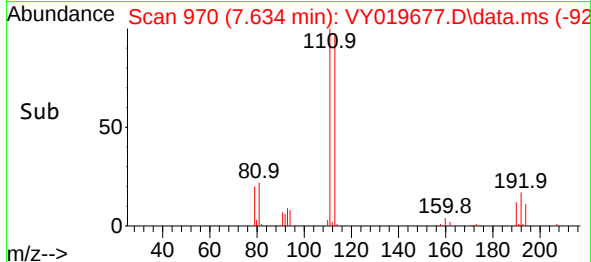
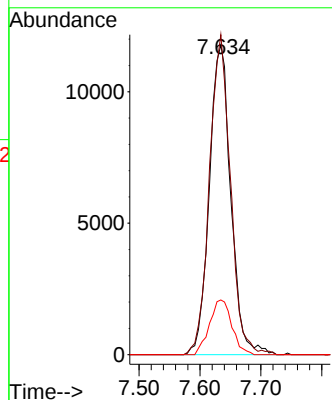
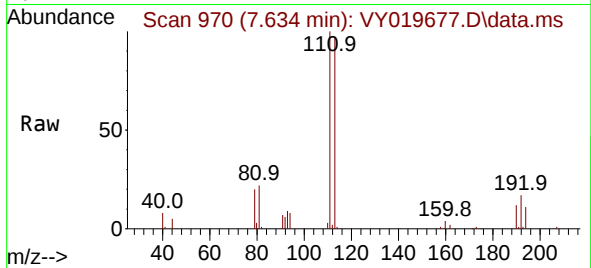




#35
Dibromofluoromethane
Concen: 51.776 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019677.D
Acq: 24 Sep 2024 13:11

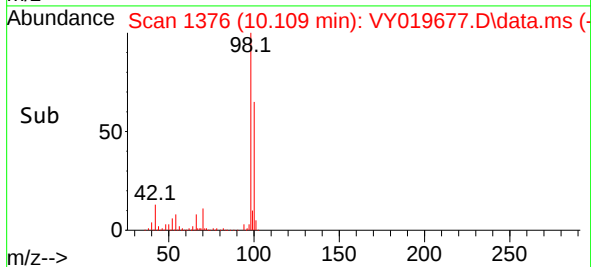
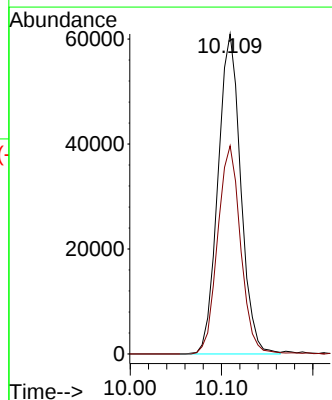
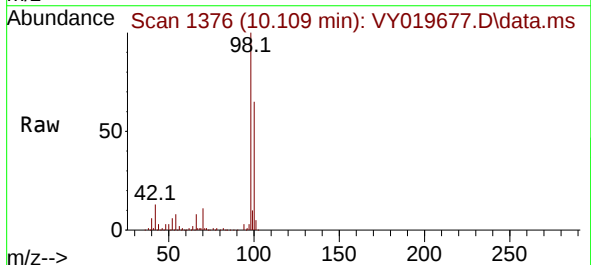
Instrument :
MSVOA_Y
ClientSampleId :
COMP-7

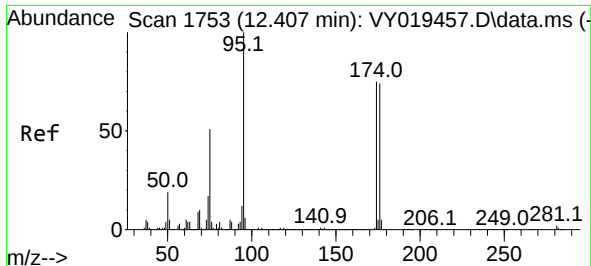
Tgt Ion:113 Resp: 28878
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 18.3 15.9 23.9



#50
Toluene-d8
Concen: 51.190 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019677.D
Acq: 24 Sep 2024 13:11

Tgt Ion: 98 Resp: 105604
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

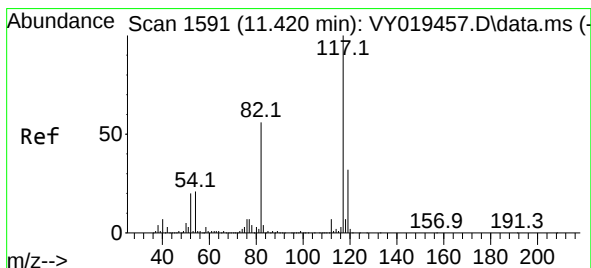
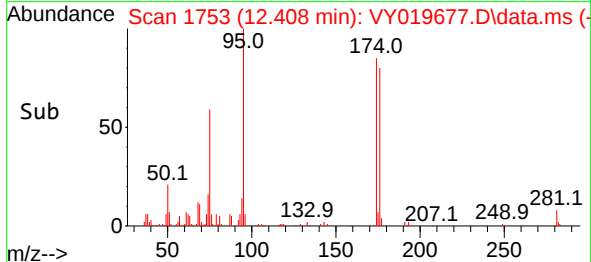
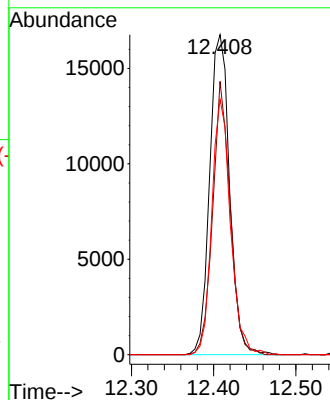
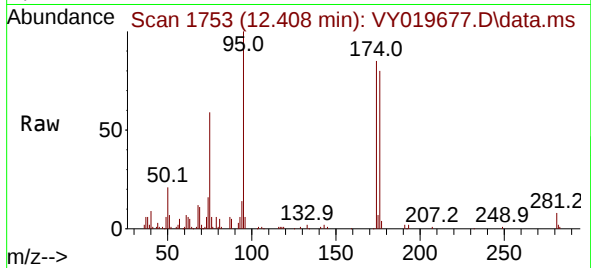




#62
4-Bromofluorobenzene
Concen: 35.562 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019677.D
Acq: 24 Sep 2024 13:11

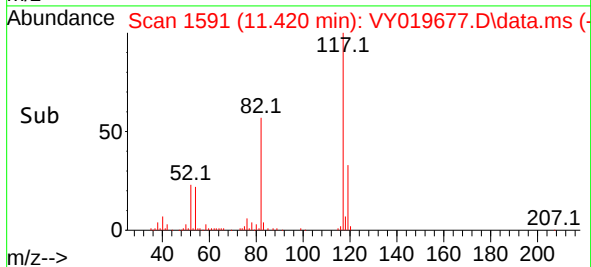
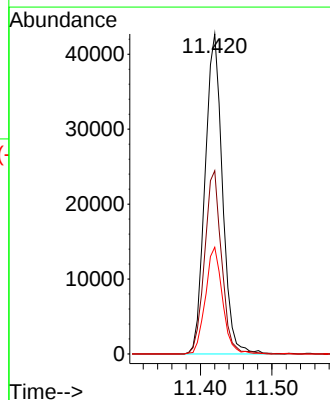
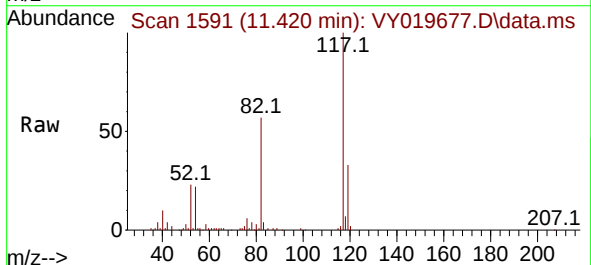
Instrument :
MSVOA_Y
ClientSampleId :
COMP-7

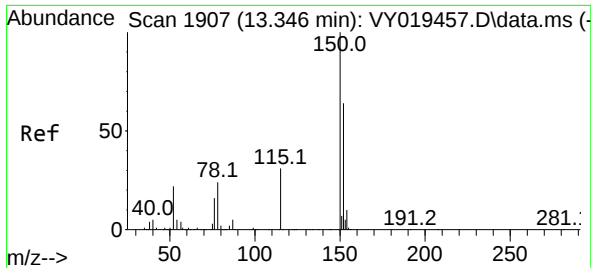
Tgt Ion: 95 Resp: 28209
Ion Ratio Lower Upper
95 100
174 75.6 0.0 175.6
176 75.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019677.D
Acq: 24 Sep 2024 13:11

Tgt Ion: 117 Resp: 72147
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 33.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY019677.D
 Acq: 24 Sep 2024 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-7

Tgt Ion:152 Resp: 22313
 Ion Ratio Lower Upper
 152 100
 115 63.0 28.2 84.7
 150 157.1 0.0 345.6

