

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019647.D
 Acq On : 20 Sep 2024 15:46
 Operator : SY/MD
 Sample : P4120-13
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB24085

Quant Time: Sep 20 23:50:57 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)

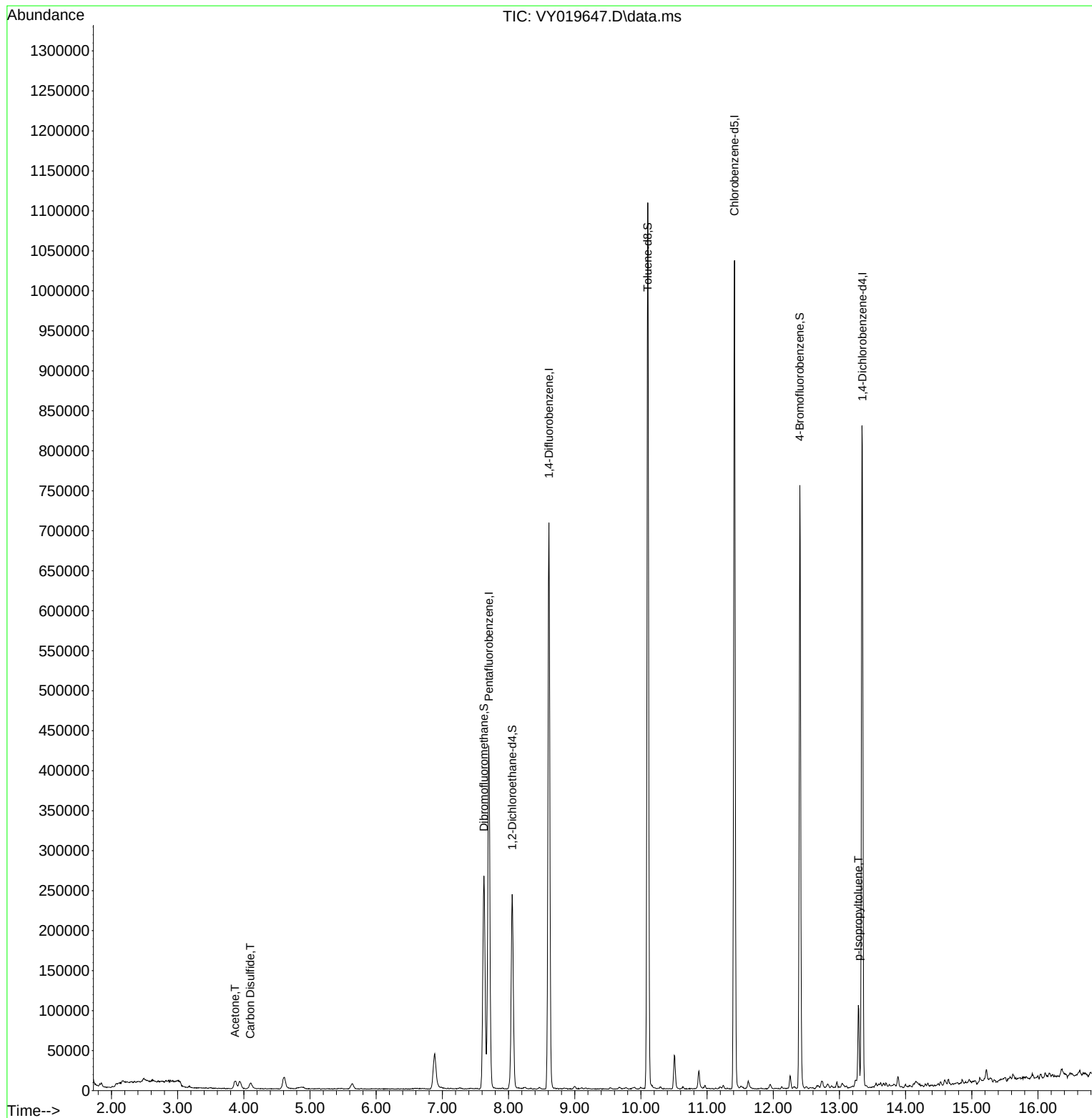
Internal Standards						
1) Pentafluorobenzene	7.701	168	314883	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	588344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	534527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	204306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	187901	64.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.880%	
35) Dibromofluoromethane	7.628	113	189304	56.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.500%	
50) Toluene-d8	10.103	98	701118	56.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.640%	
62) 4-Bromofluorobenzene	12.402	95	233006	49.114	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.220%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	18955	27.288	ug/l	87
17) Carbon Disulfide	4.098	76	13640	1.807	ug/l	# 95
86) p-Isopropyltoluene	13.286	119	52526	4.051	ug/l	95

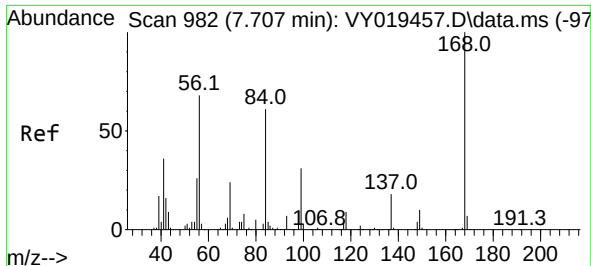
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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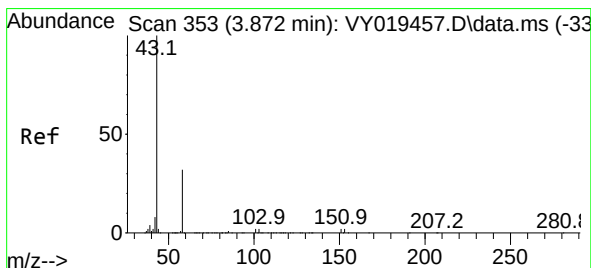
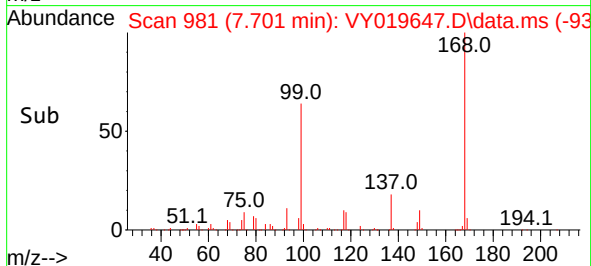
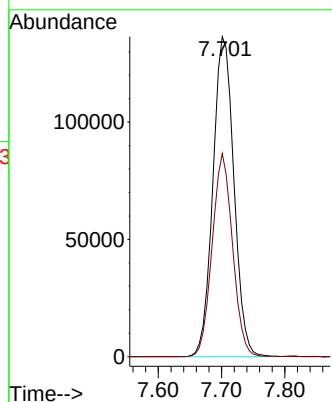
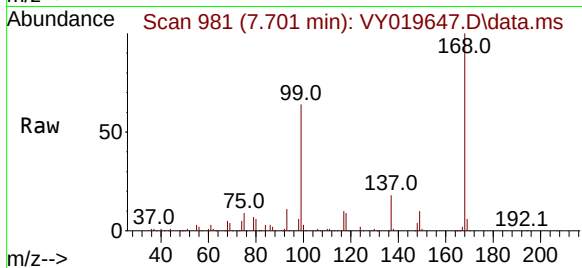




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019647.D
Acq: 20 Sep 2024 15:46

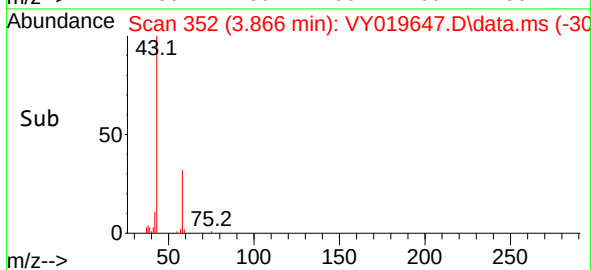
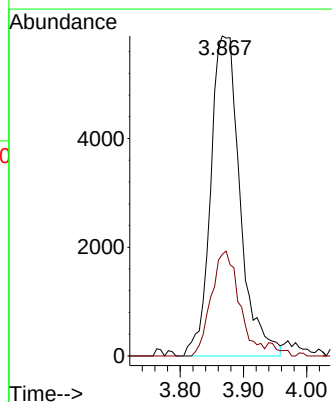
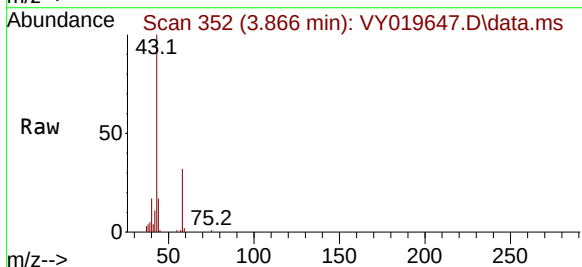
Instrument :
MSVOA_Y
ClientSampleId :
RB24085

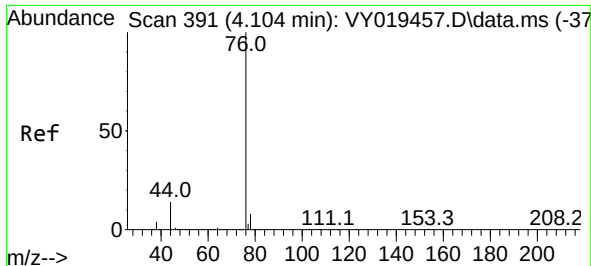
Tgt Ion:168 Resp: 314883
Ion Ratio Lower Upper
168 100
99 63.5 39.1 58.7#



#16
Acetone
Concen: 27.288 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019647.D
Acq: 20 Sep 2024 15:46

Tgt Ion: 43 Resp: 18955
Ion Ratio Lower Upper
43 100
58 31.7 31.7 47.5

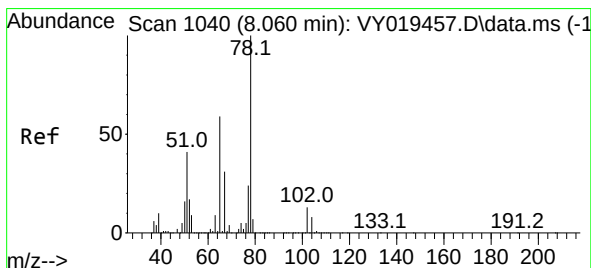
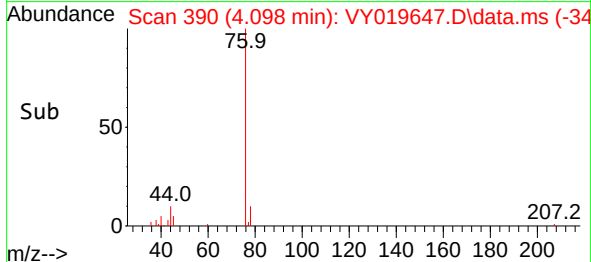
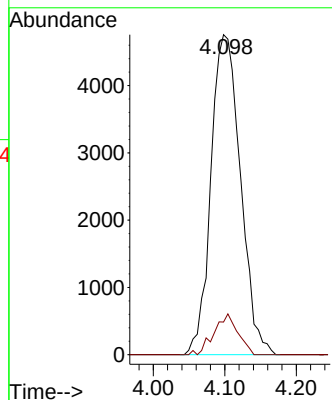
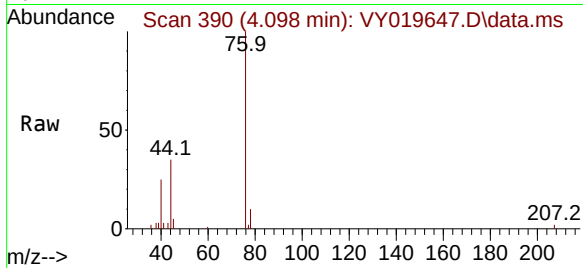




#17
Carbon Disulfide
Concen: 1.807 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY019647.D
Acq: 20 Sep 2024 15:46

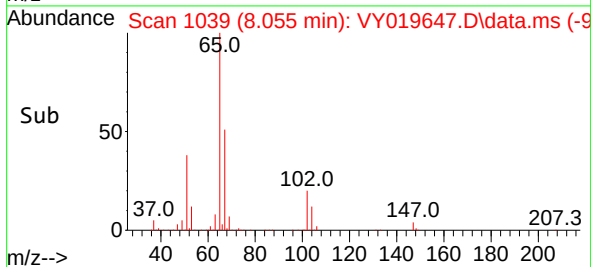
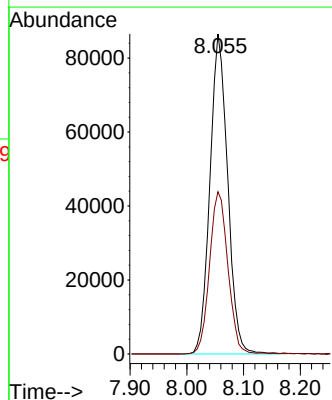
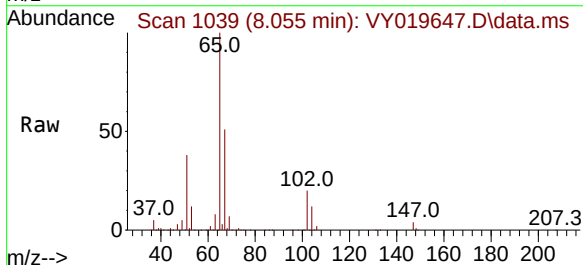
Instrument :
MSVOA_Y
ClientSampleId :
RB24085

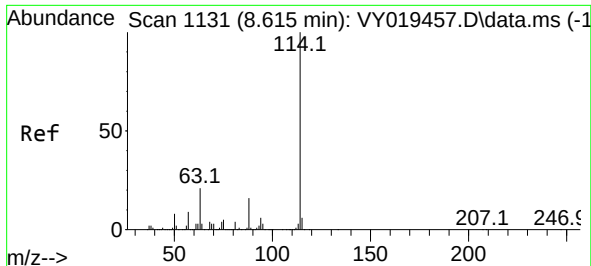
Tgt Ion: 76 Resp: 13640
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 64.444 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019647.D
Acq: 20 Sep 2024 15:46

Tgt Ion: 65 Resp: 187901
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

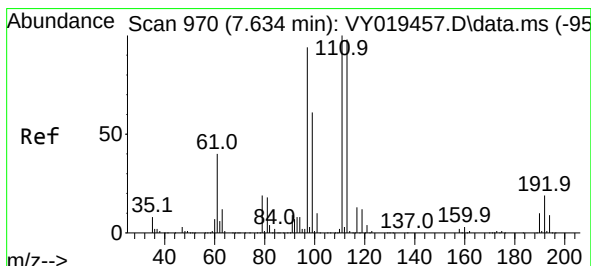
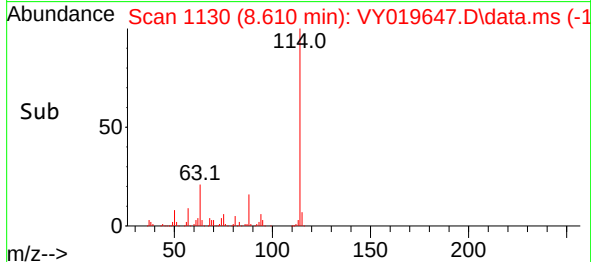
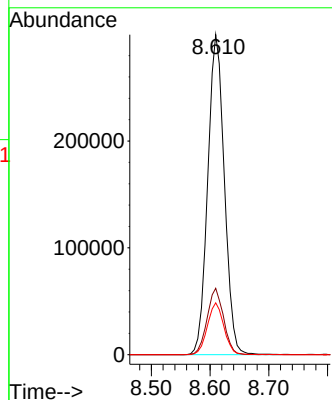
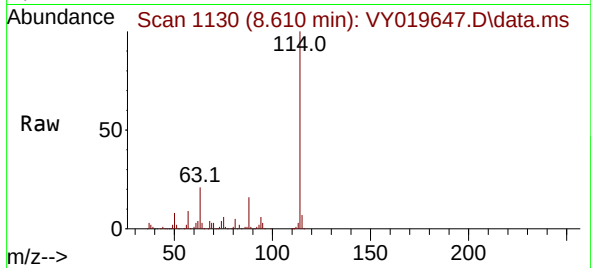




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019647.D
Acq: 20 Sep 2024 15:46

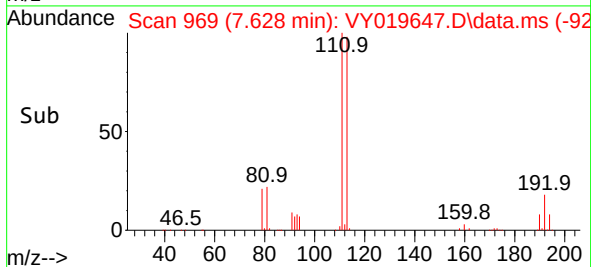
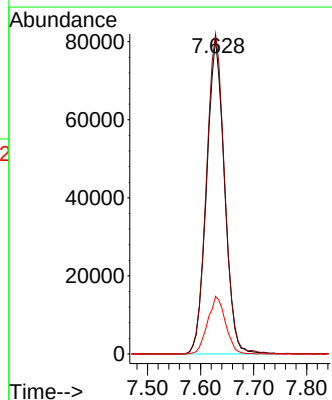
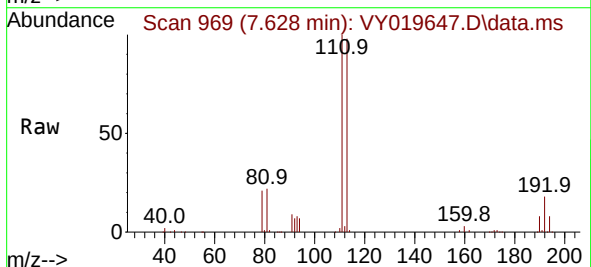
Instrument :
MSVOA_Y
ClientSampleId :
RB24085

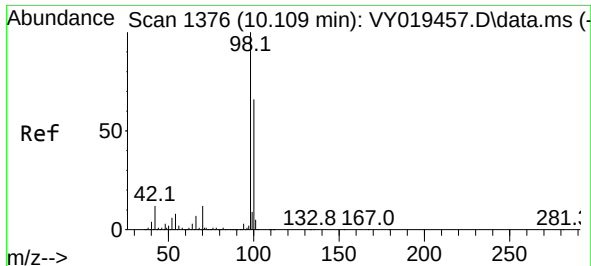
Tgt Ion:114 Resp: 588344
Ion Ratio Lower Upper
114 100
63 20.7 0.0 35.0
88 16.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.749 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019647.D
Acq: 20 Sep 2024 15:46

Tgt Ion:113 Resp: 189304
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.2 15.9 23.9

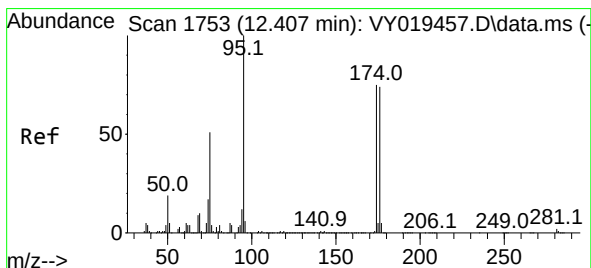
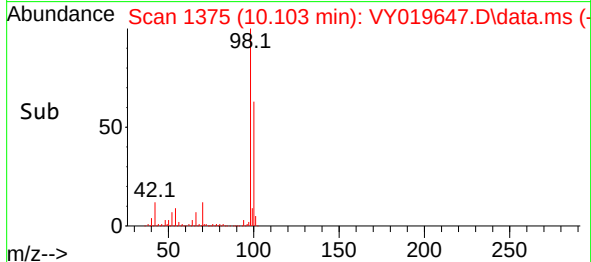
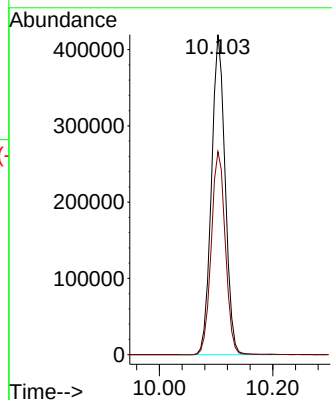
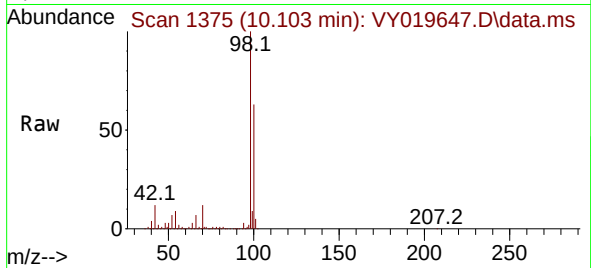




#50
Toluene-d8
Concen: 56.824 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019647.D
Acq: 20 Sep 2024 15:46

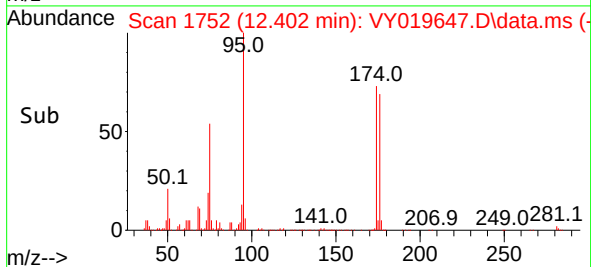
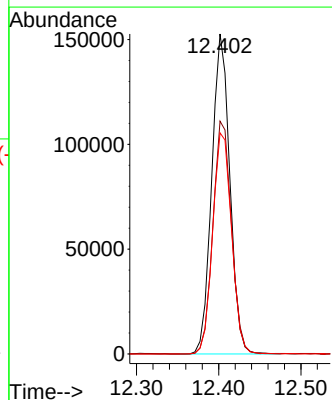
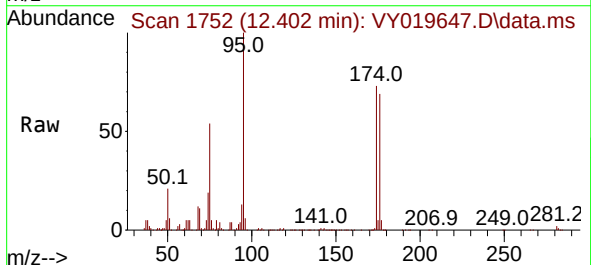
Instrument :
MSVOA_Y
ClientSampleId :
RB24085

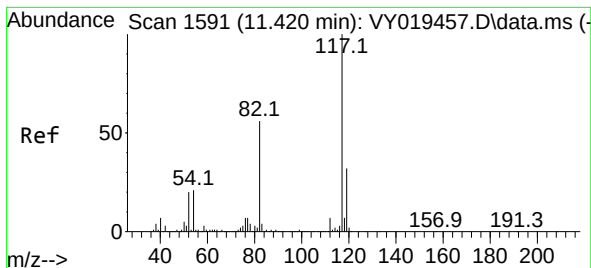
Tgt Ion: 98 Resp: 701118
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.114 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019647.D
Acq: 20 Sep 2024 15:46

Tgt Ion: 95 Resp: 233006
Ion Ratio Lower Upper
95 100
174 75.0 0.0 175.6
176 72.2 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: VY019647.D

Acq: 20 Sep 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

RB24085

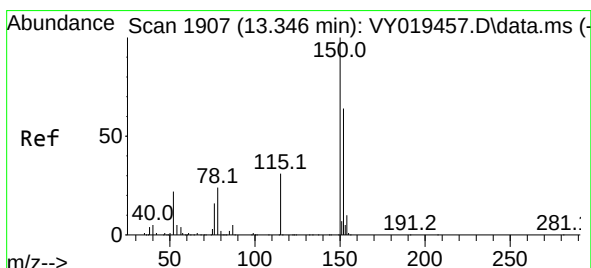
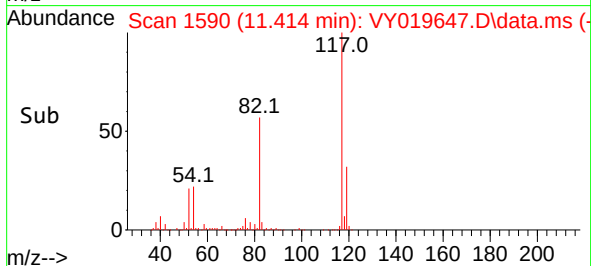
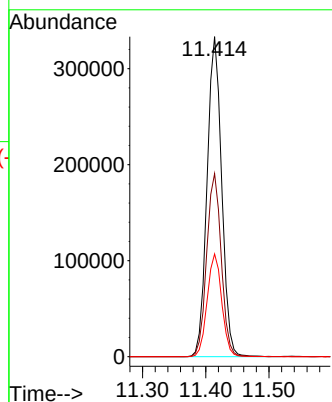
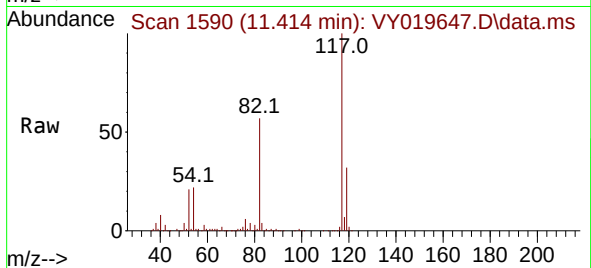
Tgt Ion:117 Resp: 534527

Ion Ratio Lower Upper

117 100

82 57.2 42.4 63.6

119 32.1 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: VY019647.D

Acq: 20 Sep 2024 15:46

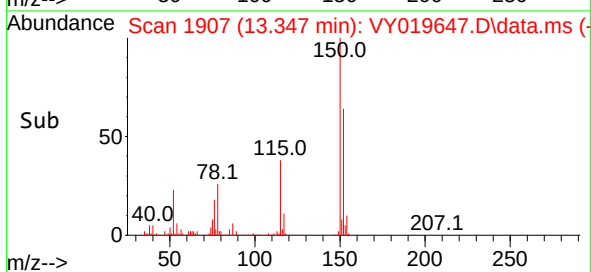
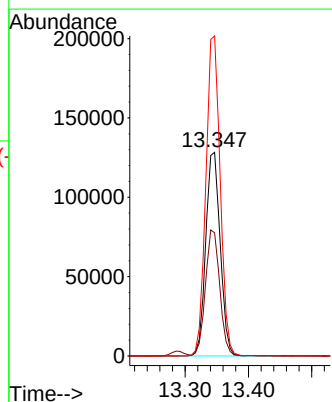
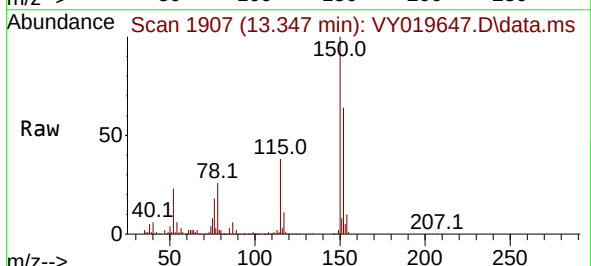
Tgt Ion:152 Resp: 204306

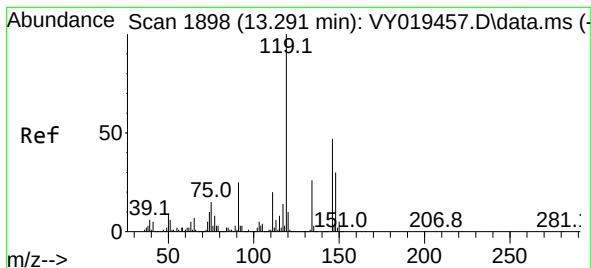
Ion Ratio Lower Upper

152 100

115 60.9 28.2 84.7

150 155.6 0.0 345.6





#86

p-Isopropyltoluene

Concen: 4.051 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019647.D

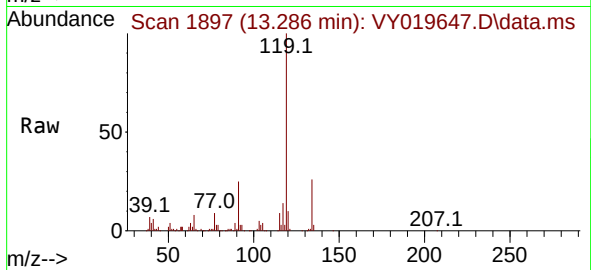
Acq: 20 Sep 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

RB24085



Tgt Ion:119 Resp: 52526

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 26.3 10.7 32.1

