

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019701.D
 Acq On : 25 Sep 2024 17:35
 Operator : SY/MD
 Sample : P4138-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIBERTY-AVE-TP-COMP

Quant Time: Sep 26 04:03:34 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)

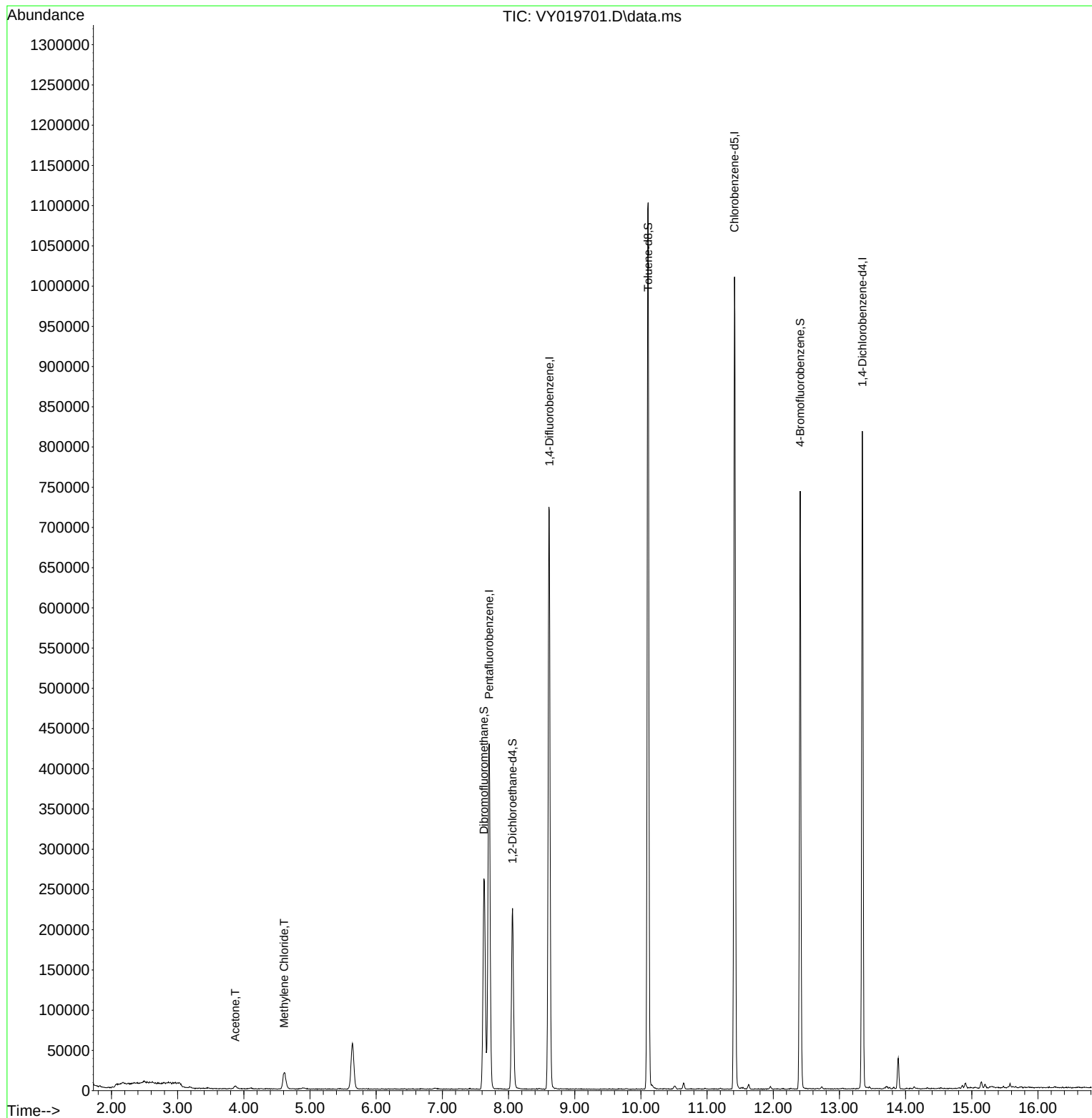
Internal Standards						
1) Pentafluorobenzene	7.707	168	320292	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	614730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	538359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	193581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	176690	59.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.160%	
35) Dibromofluoromethane	7.628	113	188416	54.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.120%	
50) Toluene-d8	10.109	98	725126	56.248	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.500%	
62) 4-Bromofluorobenzene	12.408	95	225867	45.566	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.140%	
Target Compounds						
16) Acetone	3.872	43	6425	9.093	ug/l	# 83
20) Methylene Chloride	4.610	84	15625	4.849	ug/l	91

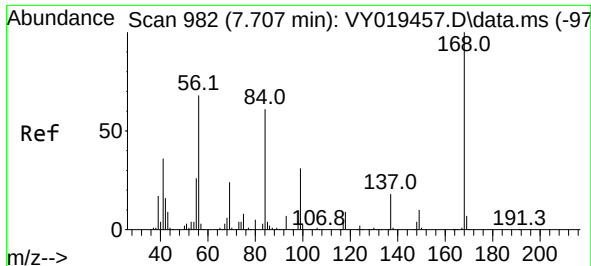
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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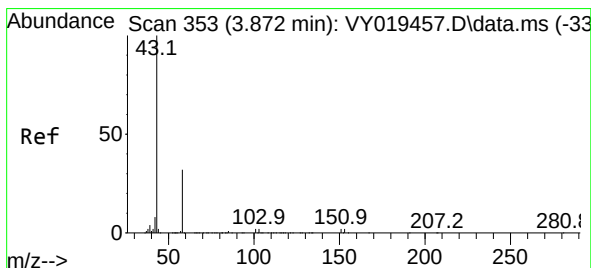
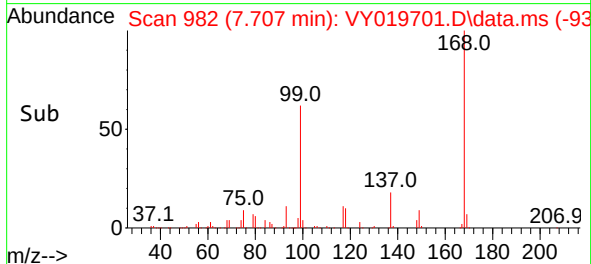
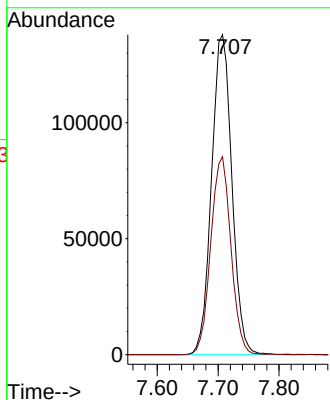
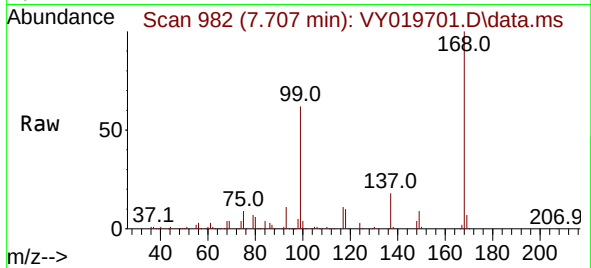




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

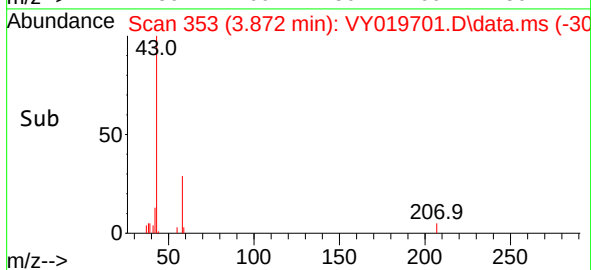
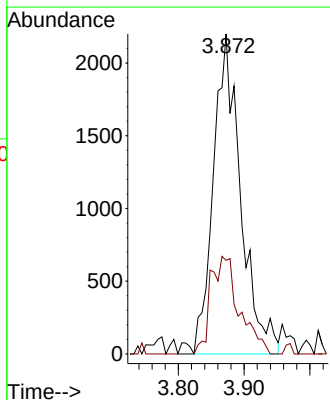
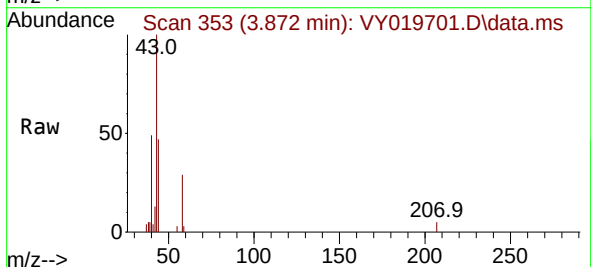
Instrument :
MSVOA_Y
ClientSampleId :
LIBERTY-AVE-TP-COMP

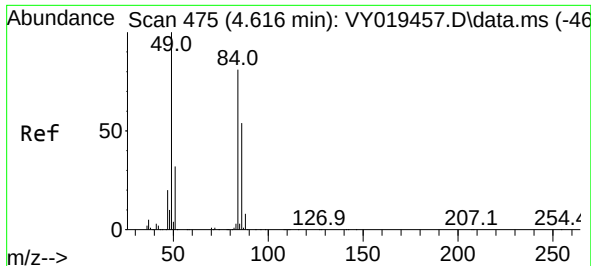
Tgt Ion:168 Resp: 320292
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#16
Acetone
Concen: 9.093 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

Tgt Ion: 43 Resp: 6425
Ion Ratio Lower Upper
43 100
58 29.2 31.7 47.5#

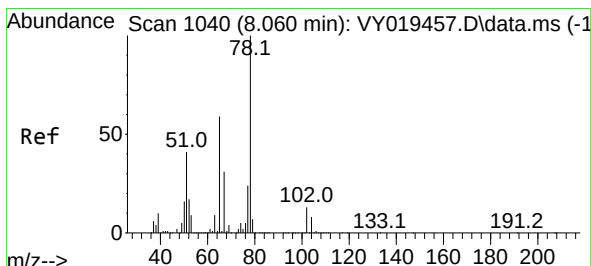
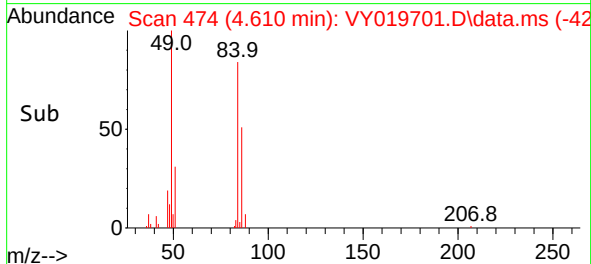
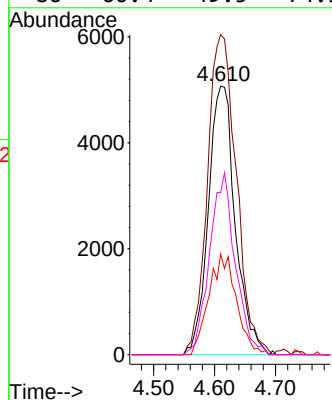
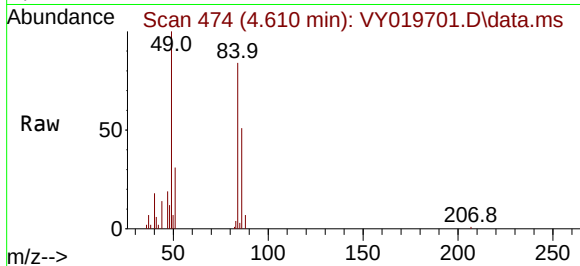




#20
Methylene Chloride
Concen: 4.849 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

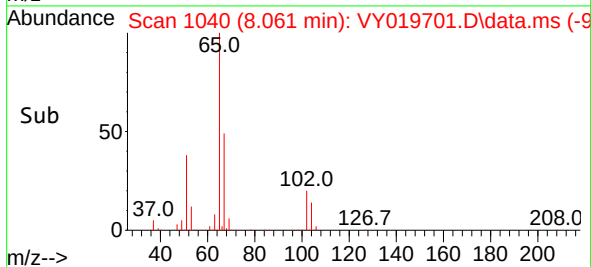
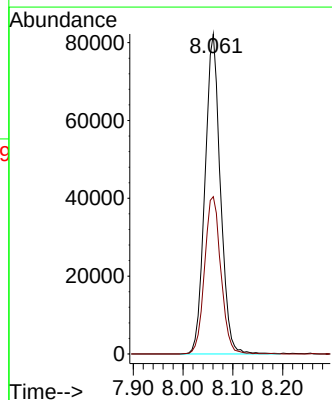
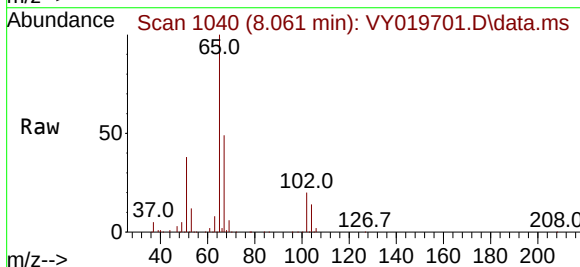
Instrument :
MSVOA_Y
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LIBERTY-AVE-TP-COMP

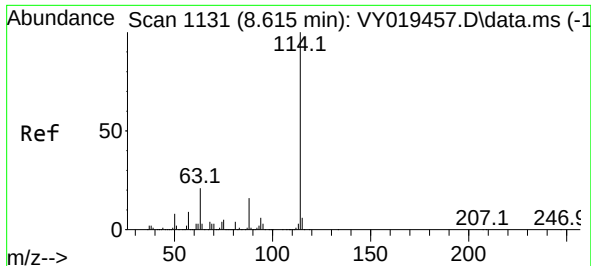
Tgt Ion:	84	Resp:	15625
Ion	Ratio	Lower	Upper
84	100		
49	119.1	84.4	126.6
51	37.4	26.0	39.0
86	60.4	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 59.575 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

Tgt Ion:	65	Resp:	176690
Ion	Ratio	Lower	Upper
65	100		
67	51.9	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: VY019701.D

Acq: 25 Sep 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

LIBERTY-AVE-TP-COMP

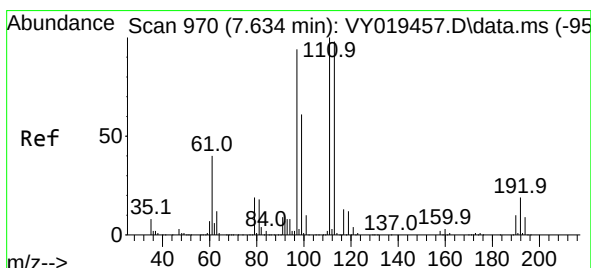
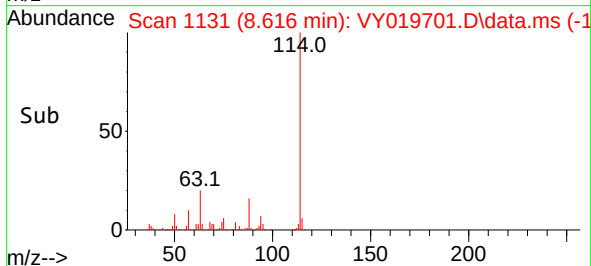
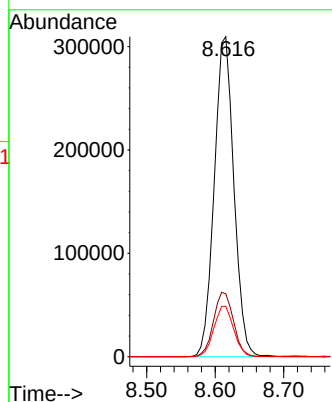
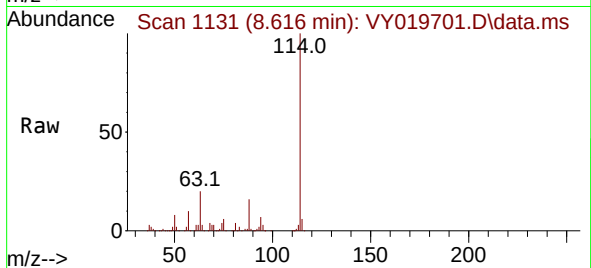
Tgt Ion:114 Resp: 614730

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.0

88 15.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.059 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019701.D

Acq: 25 Sep 2024 17:35

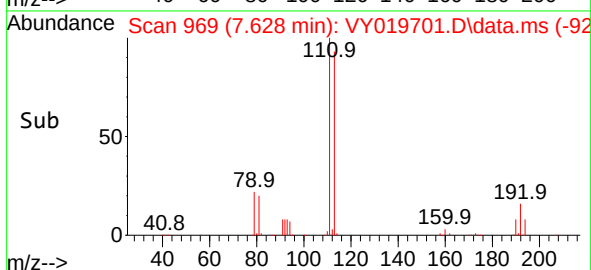
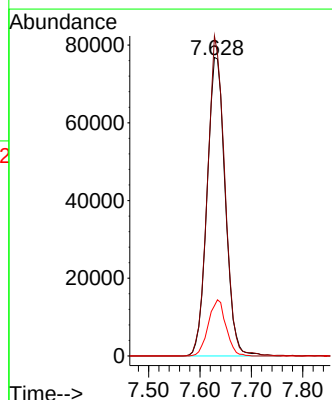
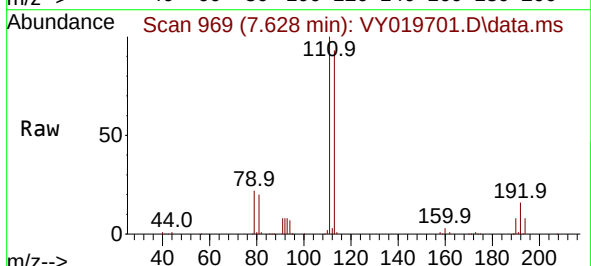
Tgt Ion:113 Resp: 188416

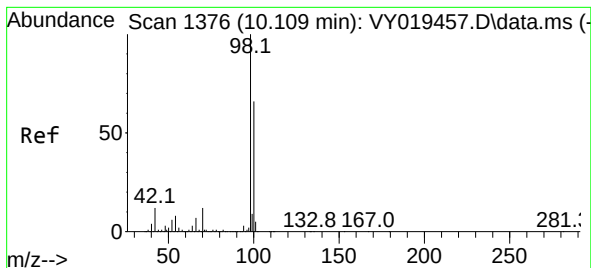
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 18.3 15.9 23.9





#50

Toluene-d8

Concen: 56.248 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019701.D

Acq: 25 Sep 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

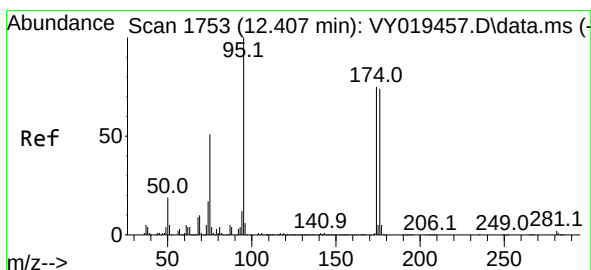
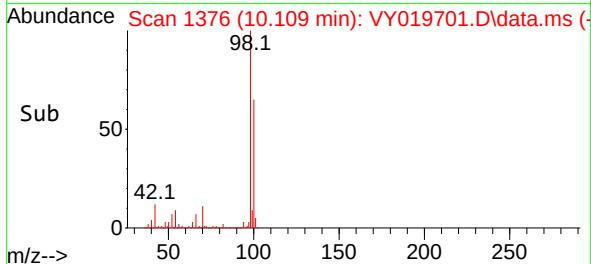
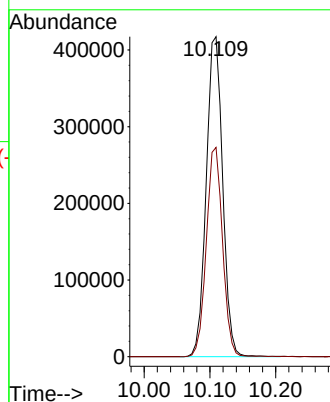
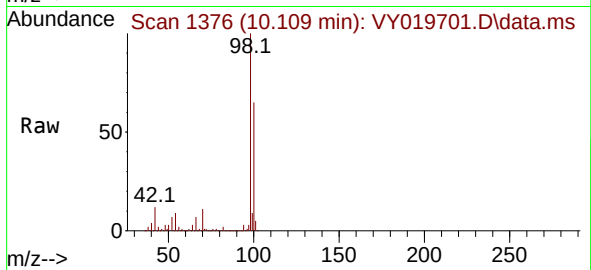
LIBERTY-AVE-TP-COMP

Tgt Ion: 98 Resp: 725126

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.566 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019701.D

Acq: 25 Sep 2024 17:35

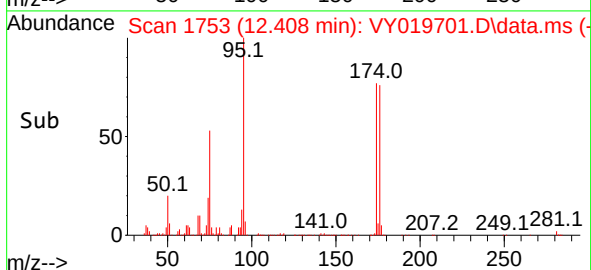
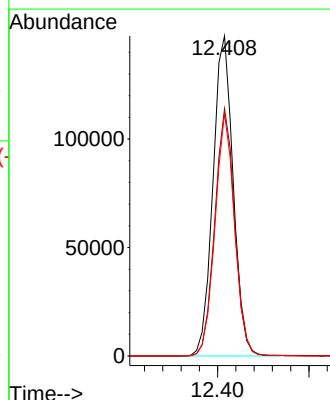
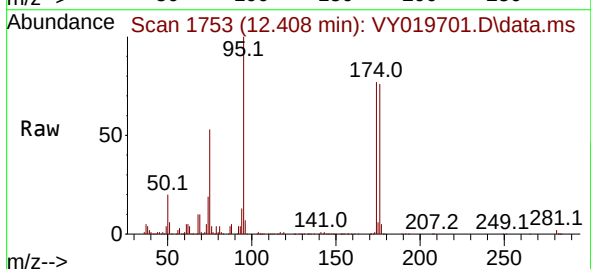
Tgt Ion: 95 Resp: 225867

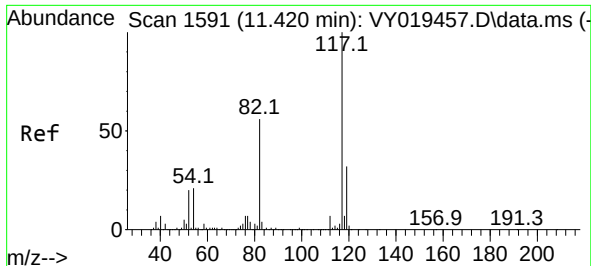
Ion Ratio Lower Upper

95 100

174 76.5 0.0 175.6

176 73.3 0.0 171.4

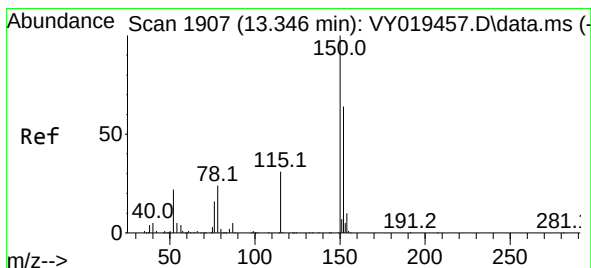
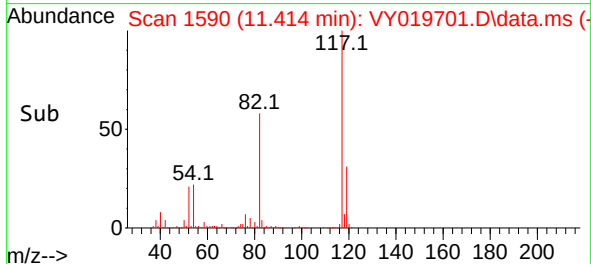
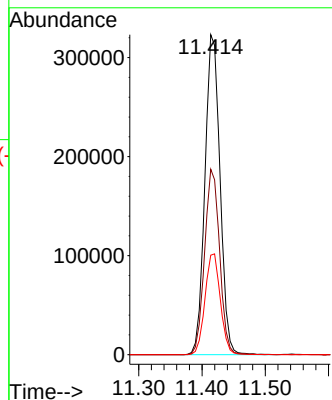
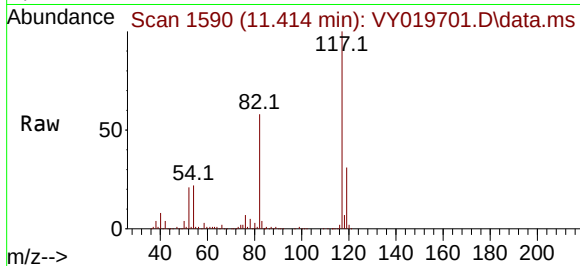




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

Instrument :
MSVOA_Y
ClientSampleId :
LIBERTY-AVE-TP-COMP

Tgt Ion:117 Resp: 538359
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.1 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: VY019701.D
Acq: 25 Sep 2024 17:35

Tgt Ion:152 Resp: 193581
Ion Ratio Lower Upper
152 100
115 61.2 28.2 84.7
150 157.0 0.0 345.6

