

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019998.D
 Acq On : 23 Oct 2024 16:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Oct 24 01:28:46 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)

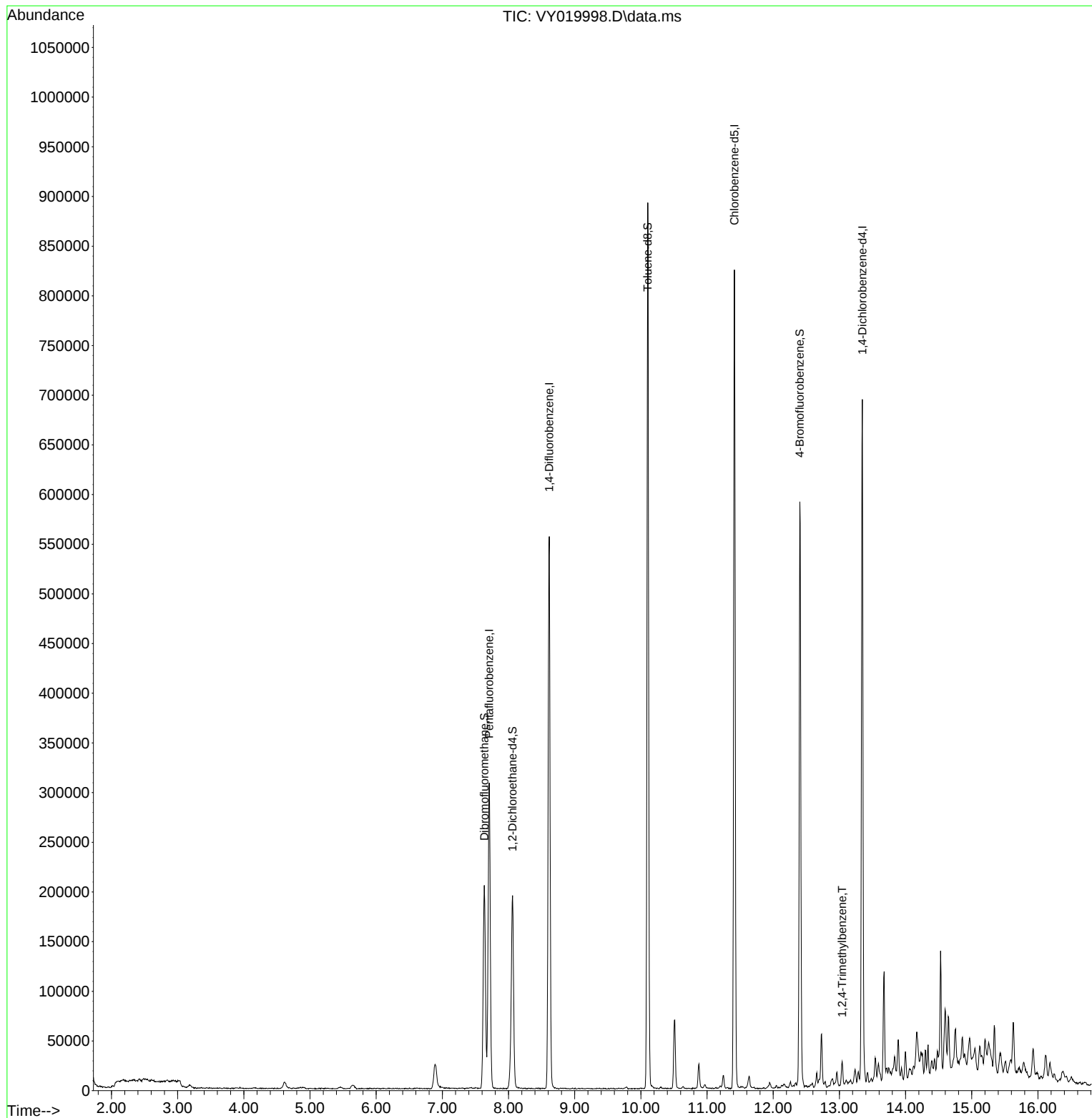
Internal Standards						
1) Pentafluorobenzene	7.707	168	210339	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	438791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143582	55.439	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	110.880%	
35) Dibromofluoromethane	7.634	113	141959	49.027	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	98.060%	
50) Toluene-d8	10.103	98	540014	50.502	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	101.000%	
62) 4-Bromofluorobenzene	12.401	95	171561	44.404	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	88.800%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.042	105	12058	1.192	ug/l	Qvalue 94

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

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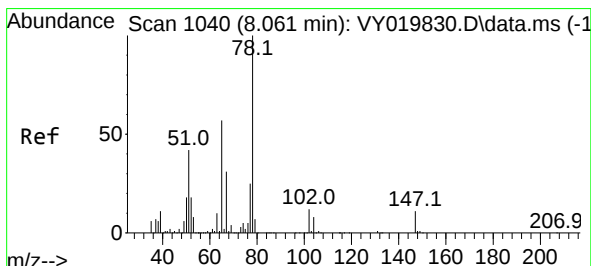
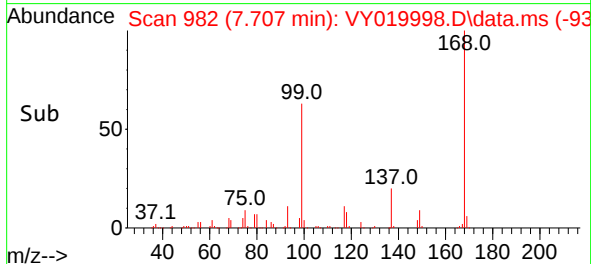
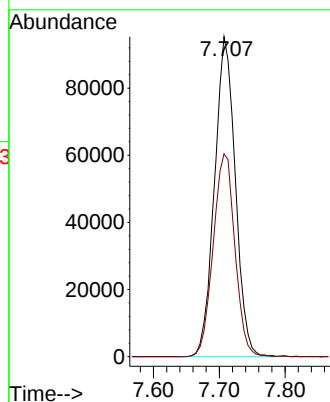
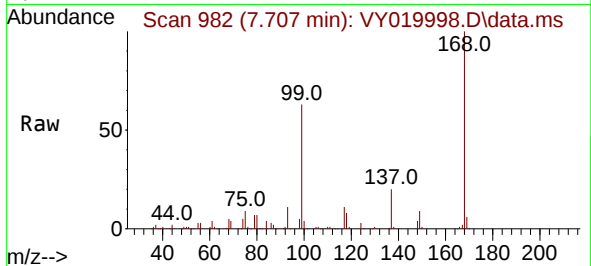




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

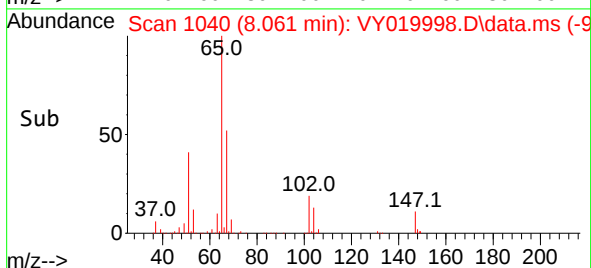
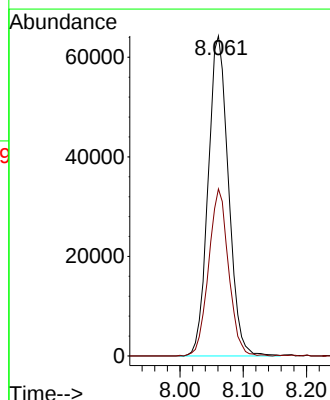
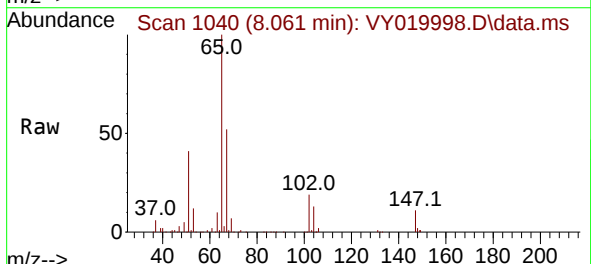
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 210339
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.439 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

Tgt Ion: 65 Resp: 143582
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6

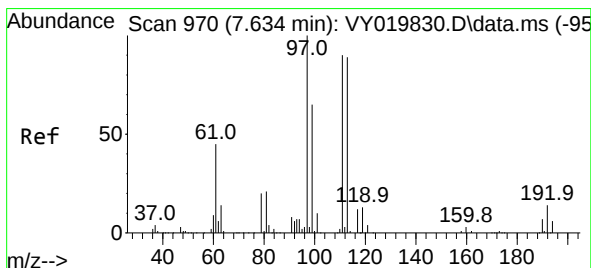
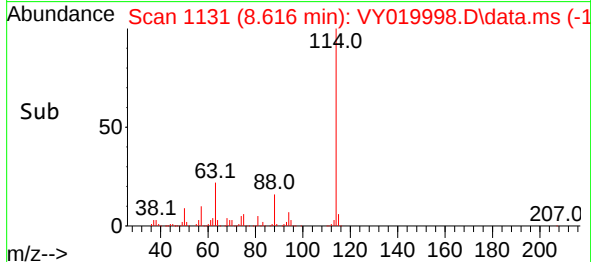
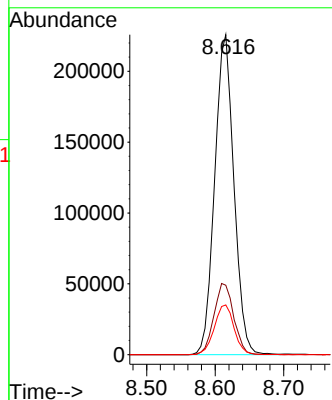
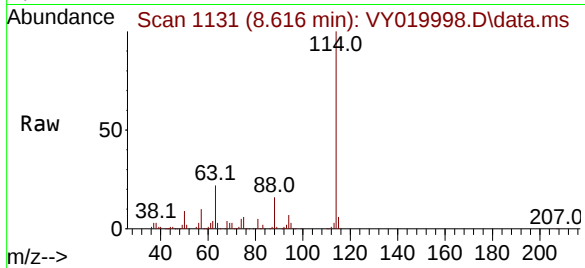




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

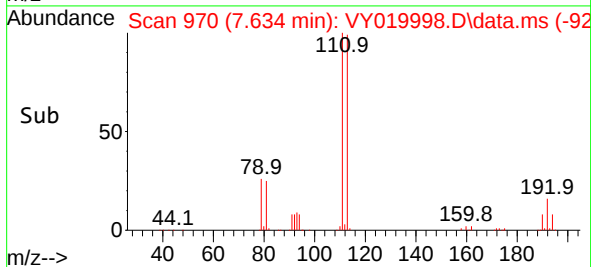
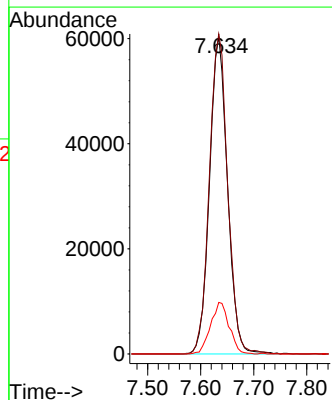
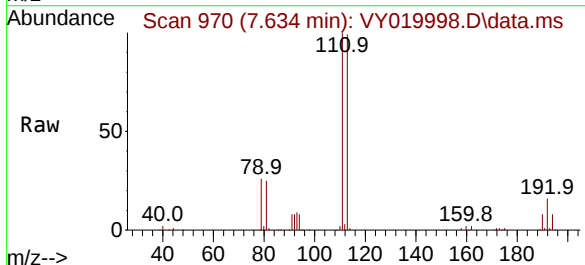
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

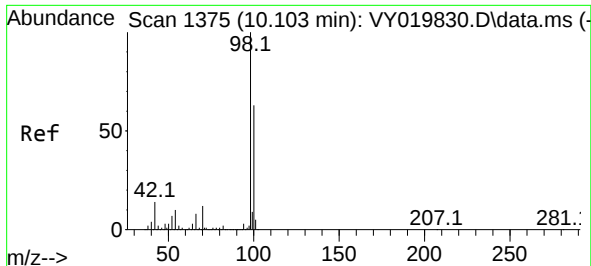
Tgt Ion:114 Resp: 438791
Ion Ratio Lower Upper
114 100
63 21.7 0.0 35.0
88 15.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.027 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

Tgt Ion:113 Resp: 141959
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 16.8 15.9 23.9

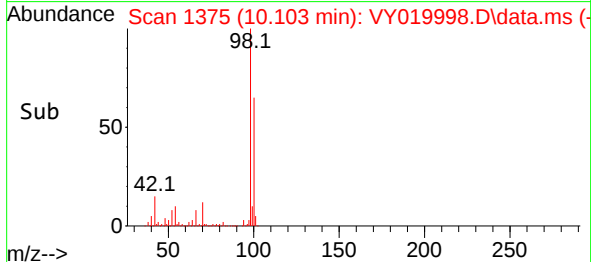
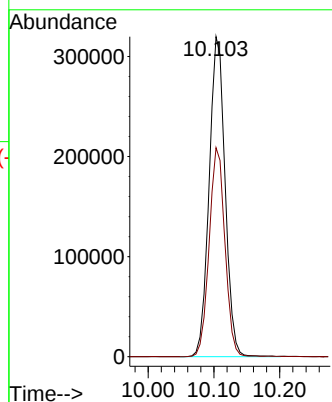
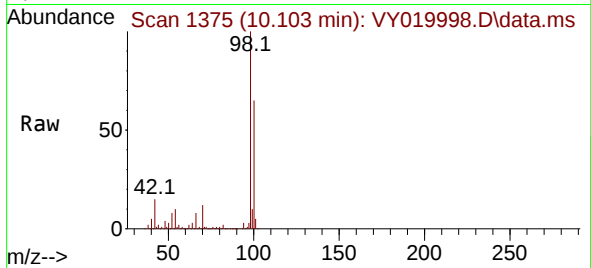




#50
Toluene-d8
Concen: 50.502 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

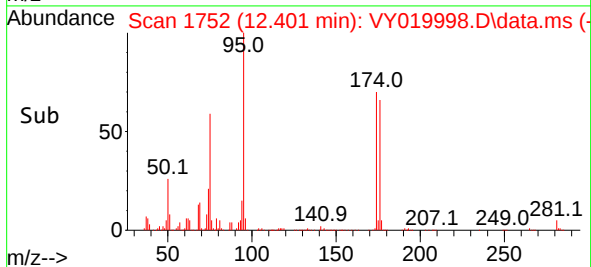
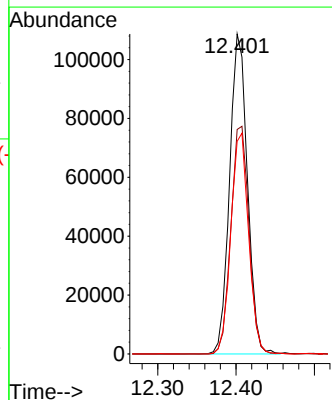
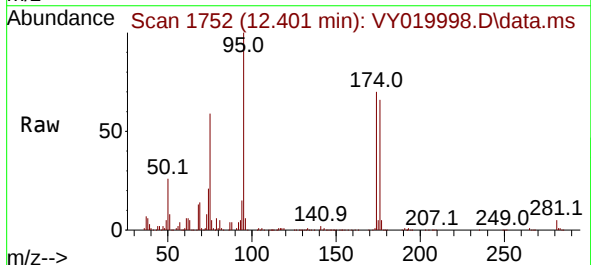
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

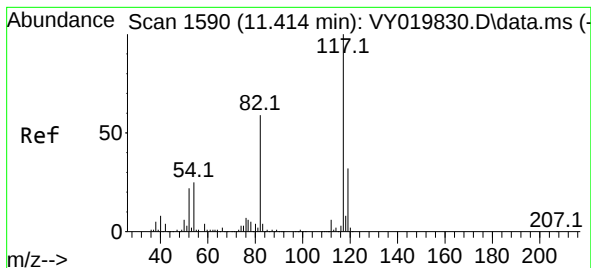
Tgt Ion: 98 Resp: 540014
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.404 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019998.D
Acq: 23 Oct 2024 16:43

Tgt Ion: 95 Resp: 171561
Ion Ratio Lower Upper
95 100
174 72.1 0.0 175.6
176 68.8 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: VY019998.D

Acq: 23 Oct 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

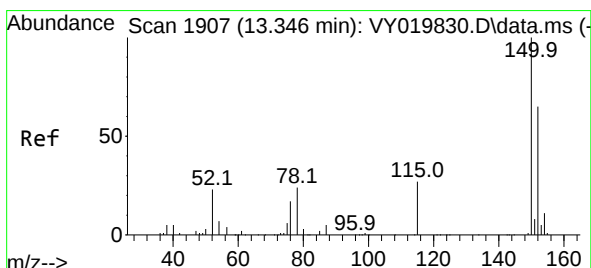
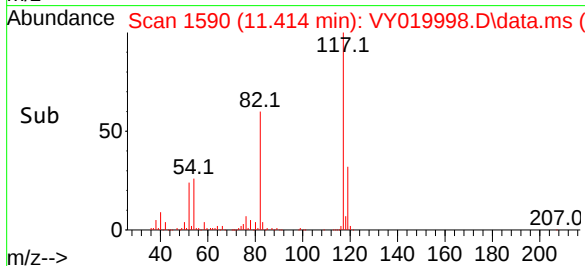
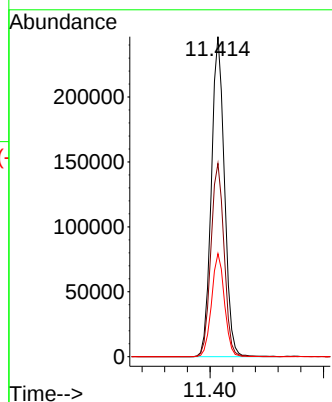
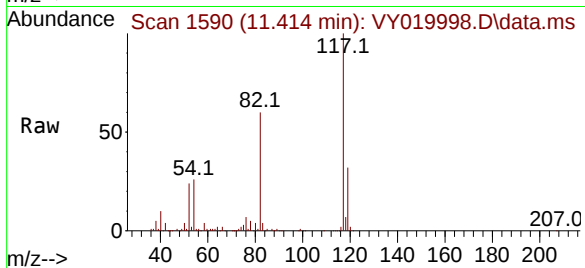
Tgt Ion:117 Resp: 394831

Ion Ratio Lower Upper

117 100

82 60.4 42.4 63.6

119 32.2 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: VY019998.D

Acq: 23 Oct 2024 16:43

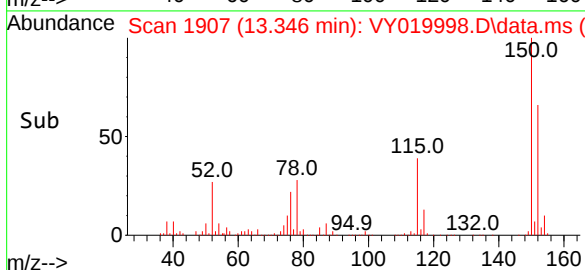
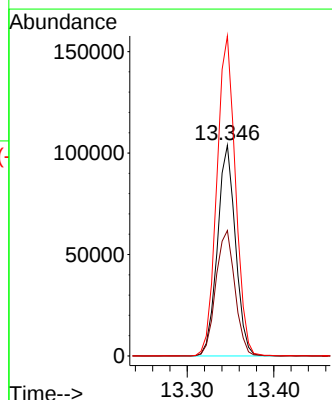
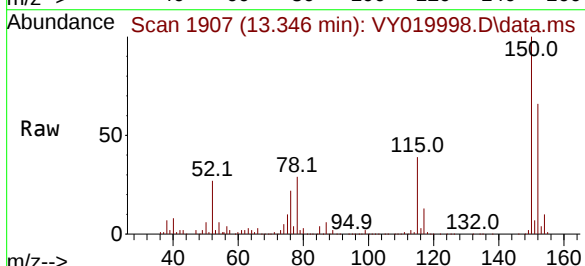
Tgt Ion:152 Resp: 150146

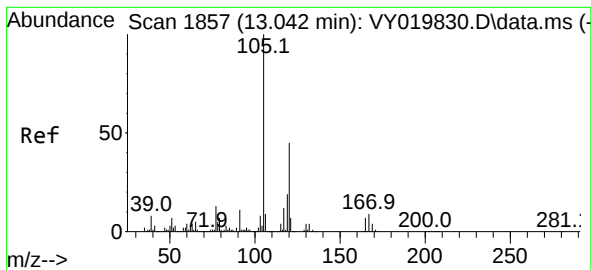
Ion Ratio Lower Upper

152 100

115 63.3 28.2 84.7

150 156.9 0.0 345.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.192 ug/l
 RT: 13.042 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY019998.D
 Acq: 23 Oct 2024 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:105 Resp: 12058
 Ion Ratio Lower Upper
 105 100
 120 42.2 23.2 69.6

