

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
 Data File : VY017421.D
 Acq On : 20 Feb 2024 14:59
 Operator : SY/MD
 Sample : P1509-08
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-191-GW-858-860

Quant Time: Feb 20 15:35:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

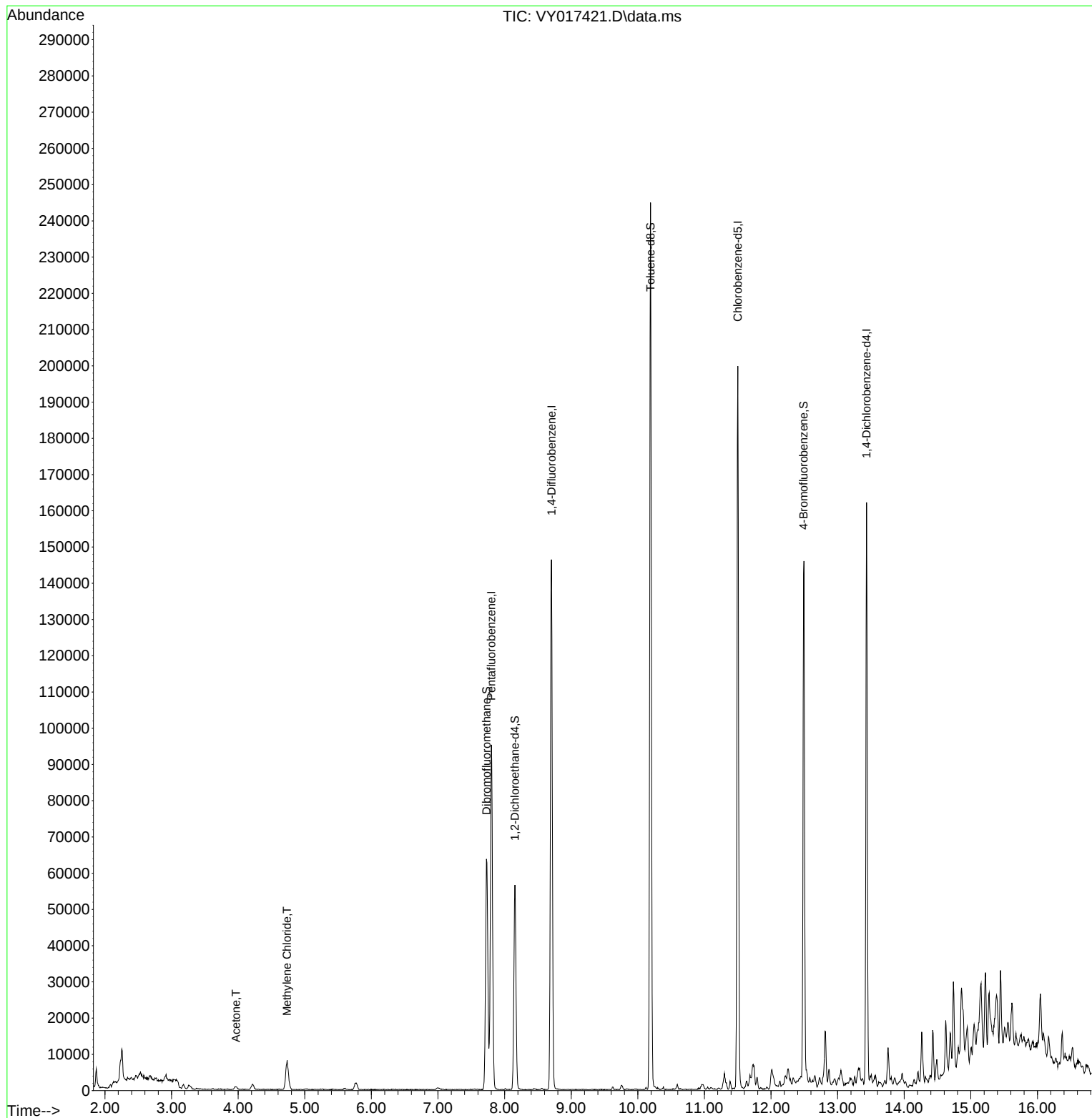
Internal Standards						
1) Pentafluorobenzene	7.801	168	76319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	131621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	111880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	39821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	43398	66.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.120%
35) Dibromofluoromethane	7.728	113	46560	60.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.860%
50) Toluene-d8	10.191	98	161943	54.196	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.400%
62) 4-Bromofluorobenzene	12.489	95	44091	44.441	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.880%
Target Compounds						
						Qvalue
16) Acetone	3.966	43	1615	11.438	ug/l	# 75
20) Methylene Chloride	4.735	84	6257	1.309	ug/l	90

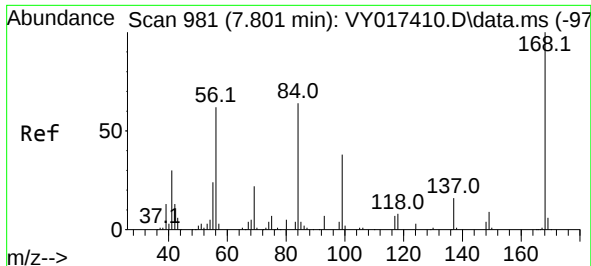
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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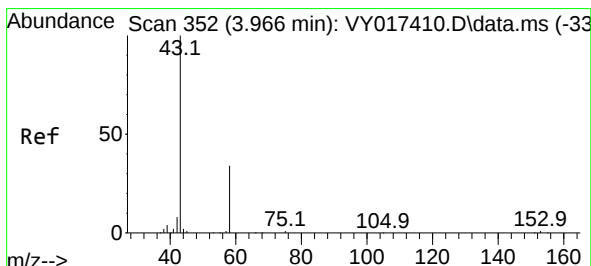
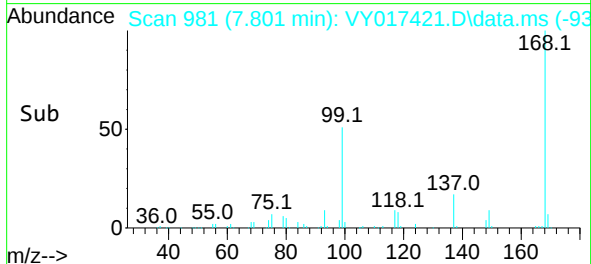
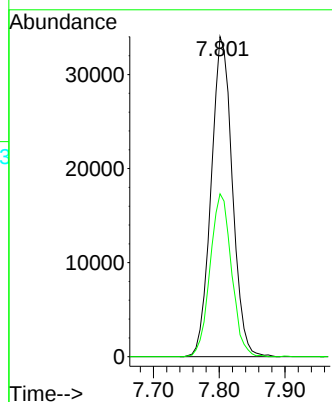
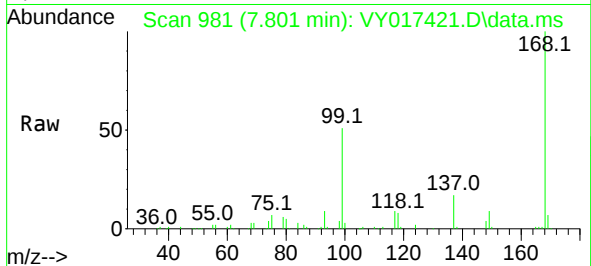




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

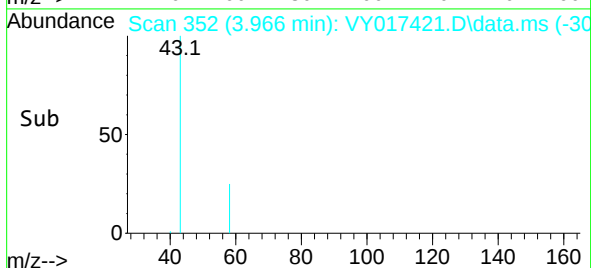
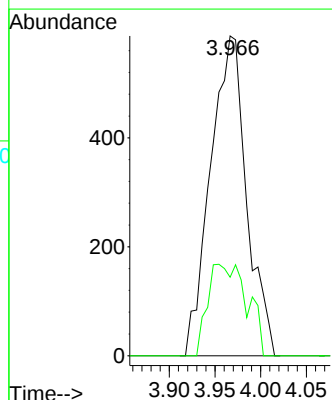
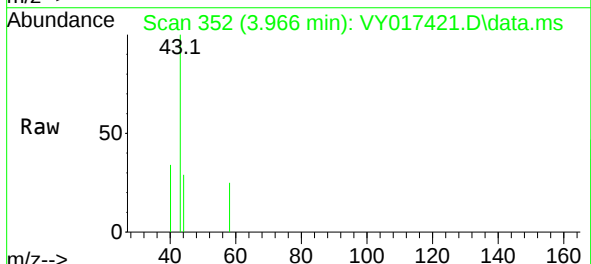
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860

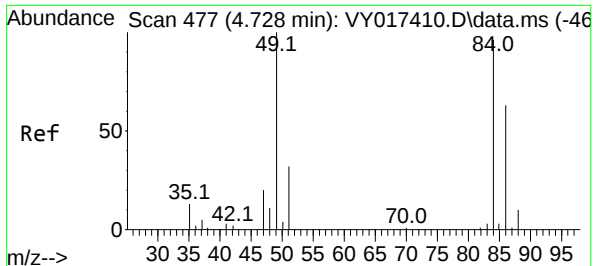
Tgt Ion:168 Resp: 76319
Ion Ratio Lower Upper
168 100
99 50.9 39.1 58.7



#16
Acetone
Concen: 11.438 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

Tgt Ion: 43 Resp: 1615
Ion Ratio Lower Upper
43 100
58 24.5 31.7 47.5#





#20

Methylene Chloride

Concen: 1.309 ug/l

RT: 4.735 min Scan# 41

Delta R.T. 0.007 min

Lab File: VY017421.D

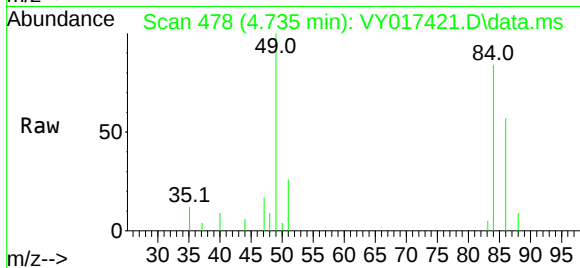
Acq: 20 Feb 2024 14:59

Instrument :

MSVOA_Y

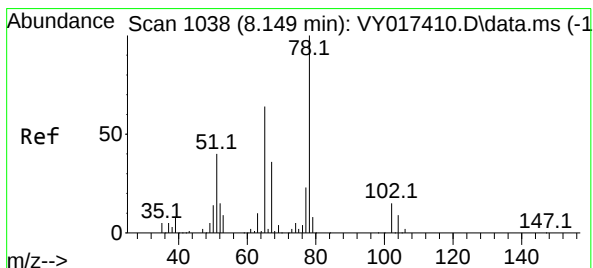
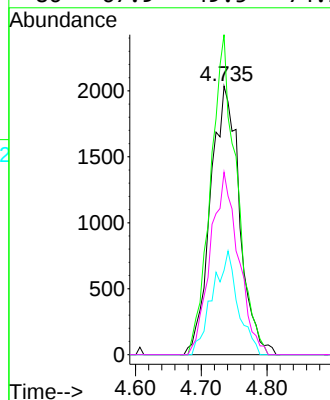
ClientSampleId :

BP-VPB-191-GW-858-860



Tgt Ion: 84 Resp: 6257

Ion	Ratio	Lower	Upper
84	100		
49	119.2	84.4	126.6
51	31.4	26.0	39.0
86	67.9	49.5	74.3



#33

1,2-Dichloroethane-d4

Concen: 66.563 ug/l

RT: 8.155 min Scan# 1039

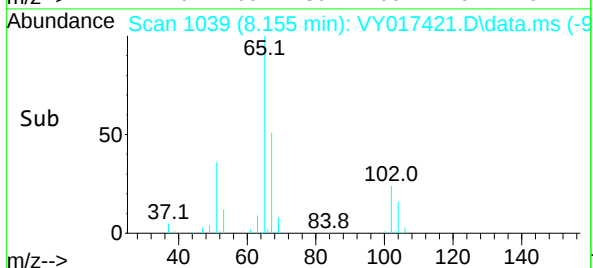
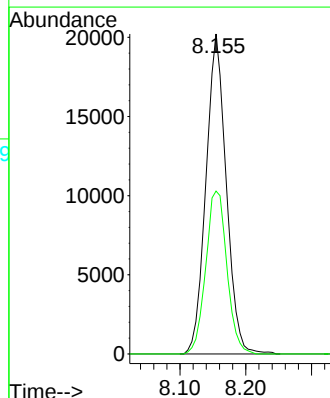
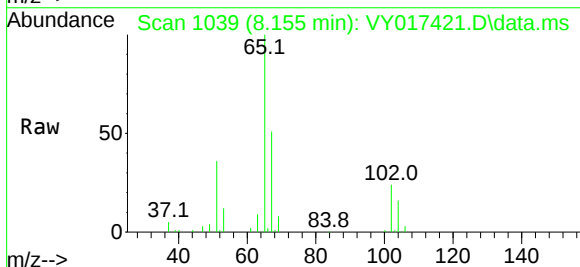
Delta R.T. 0.006 min

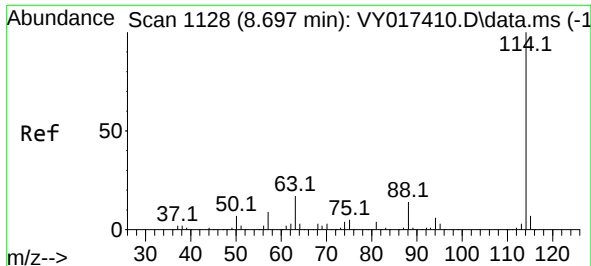
Lab File: VY017421.D

Acq: 20 Feb 2024 14:59

Tgt Ion: 65 Resp: 43398

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017421.D

Acq: 20 Feb 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860

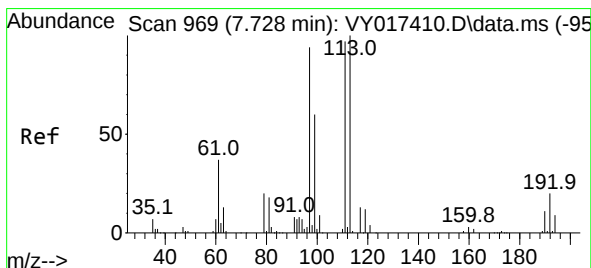
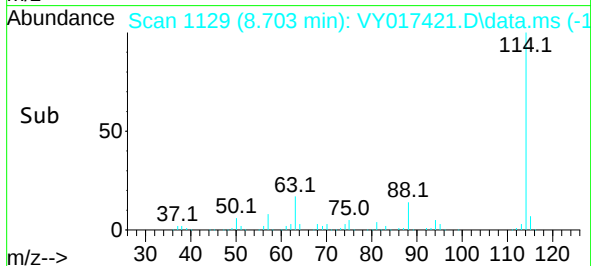
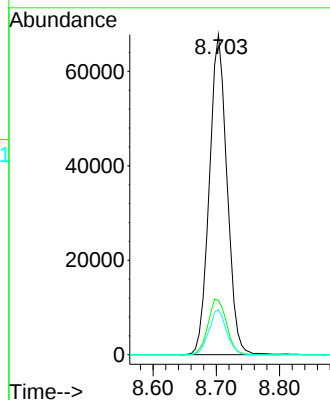
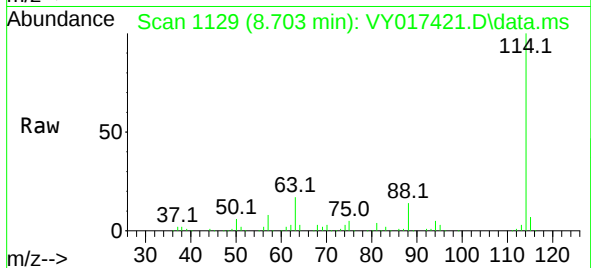
Tgt Ion:114 Resp: 131621

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 60.431 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017421.D

Acq: 20 Feb 2024 14:59

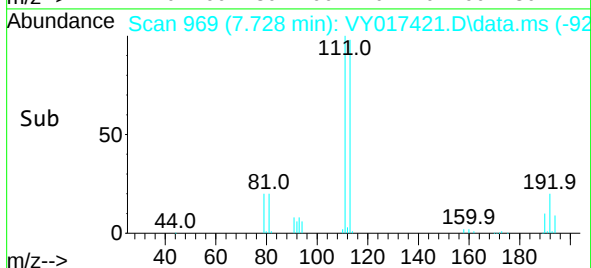
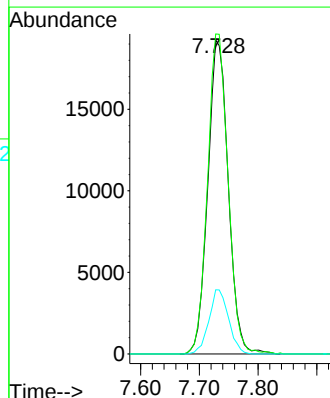
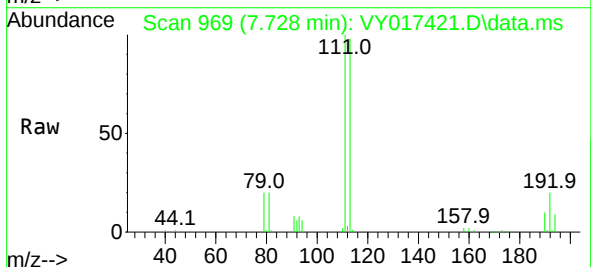
Tgt Ion:113 Resp: 46560

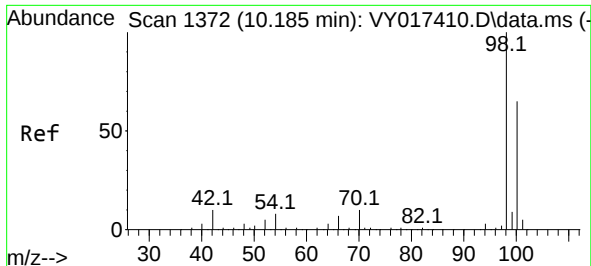
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 19.7 15.9 23.9

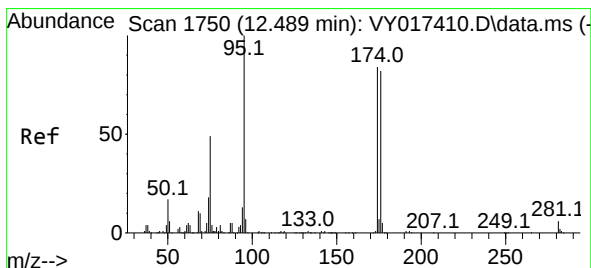
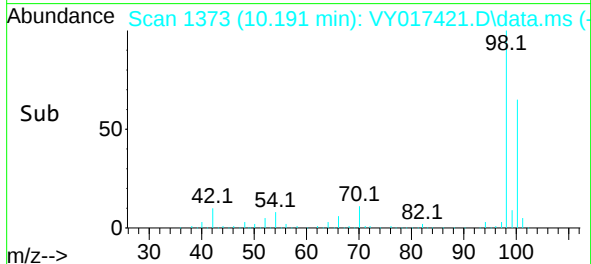
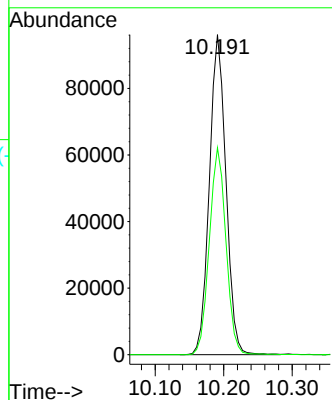
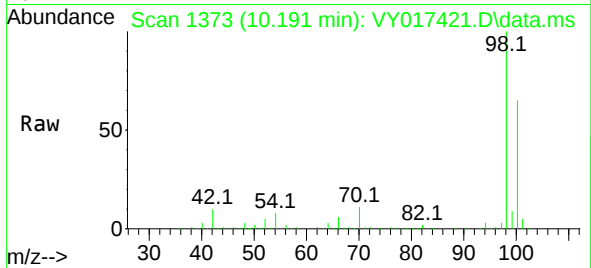




#50
Toluene-d8
Concen: 54.196 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

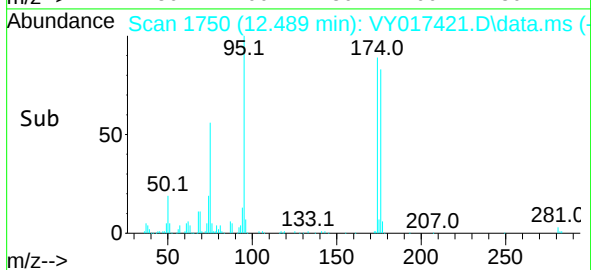
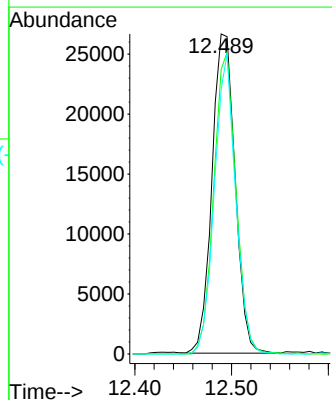
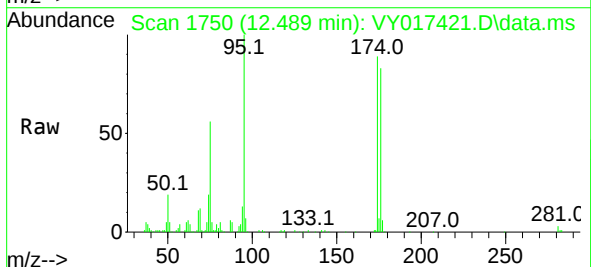
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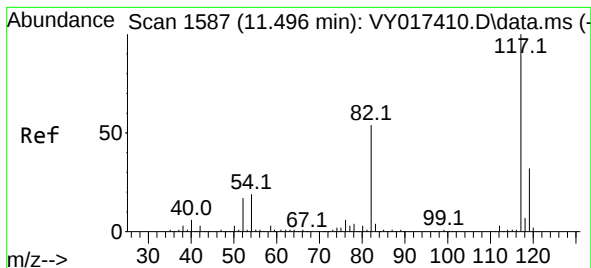
Tgt Ion: 98 Resp: 161943
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.441 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

Tgt Ion: 95 Resp: 44091
Ion Ratio Lower Upper
95 100
174 91.3 0.0 175.6
176 86.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017421.D

Acq: 20 Feb 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860

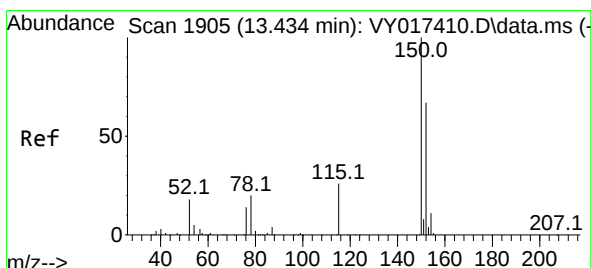
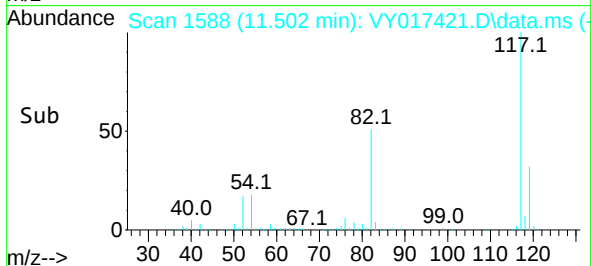
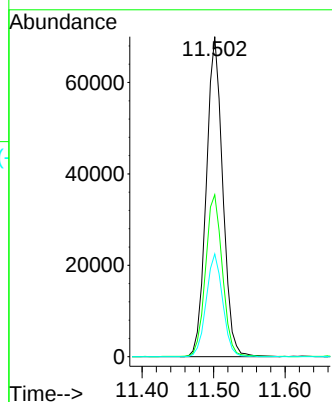
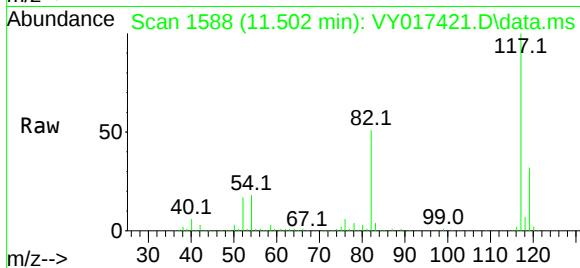
Tgt Ion:117 Resp: 111880

Ion Ratio Lower Upper

117 100

82 50.5 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017421.D

Acq: 20 Feb 2024 14:59

Tgt Ion:152 Resp: 39821

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 160.0 0.0 345.6

