

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018831.D
 Acq On : 16 Jul 2024 14:40
 Operator : SY/MD
 Sample : P3246-29
 Misc : 7.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-CTW2-BL-06-G

Quant Time: Jul 17 01:56:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

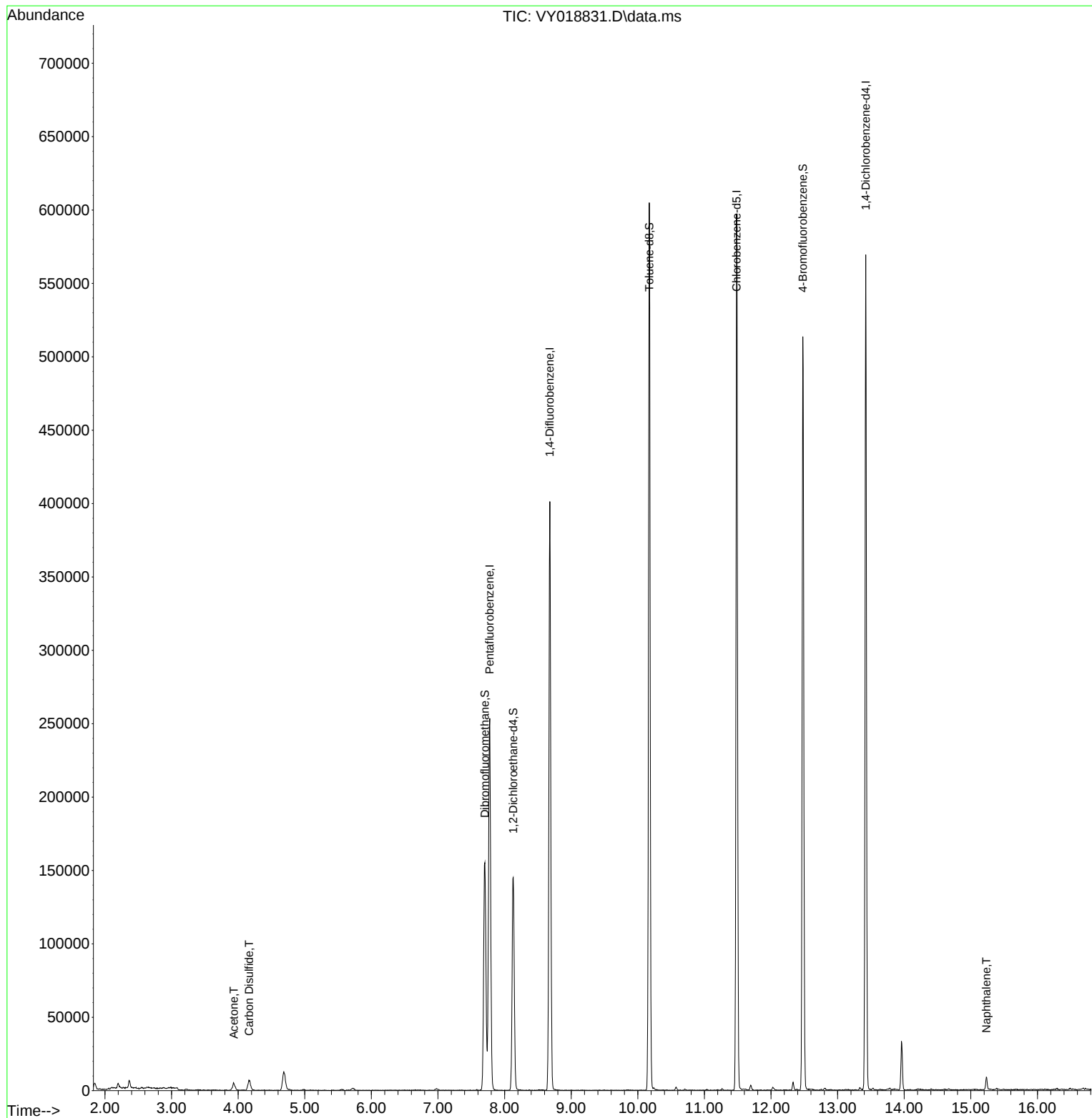
Internal Standards						
1) Pentafluorobenzene	7.777	168	195347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	339724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	320626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	112595	58.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.140%
35) Dibromofluoromethane	7.703	113	107416	50.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.173	98	387022	48.010	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.477	95	135628	49.267	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.540%
Target Compounds						
						Qvalue
16) Acetone	3.936	43	8250	23.279	ug/l	94
17) Carbon Disulfide	4.161	76	14304	2.707	ug/l #	93
95) Naphthalene	15.233	128	7496	1.719	ug/l	98

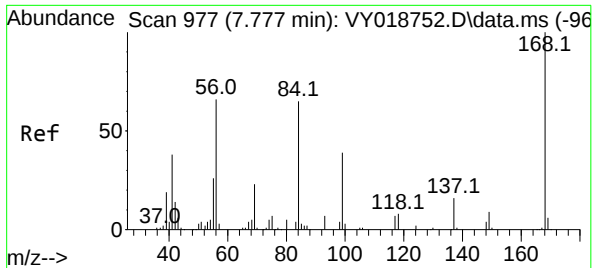
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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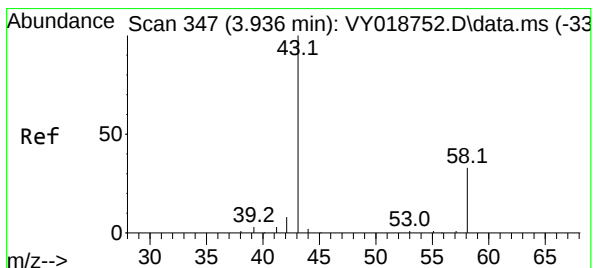
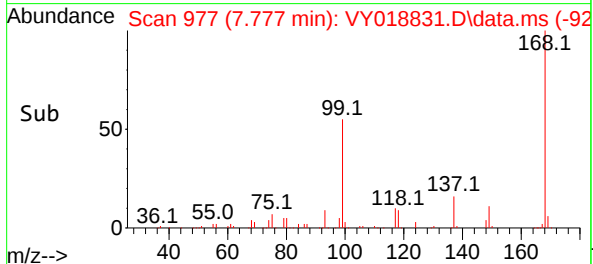
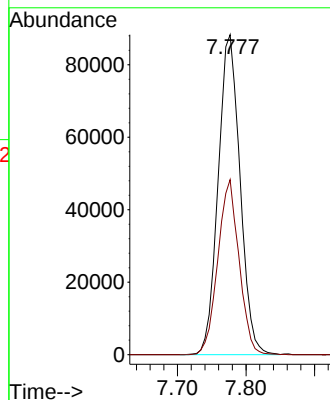
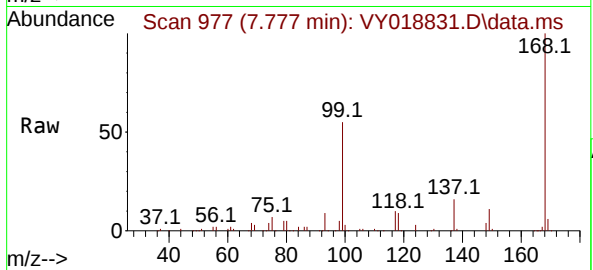




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018831.D
Acq: 16 Jul 2024 14:40

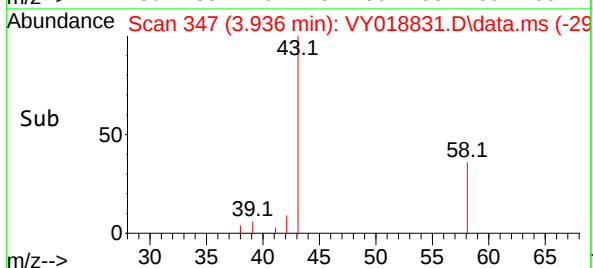
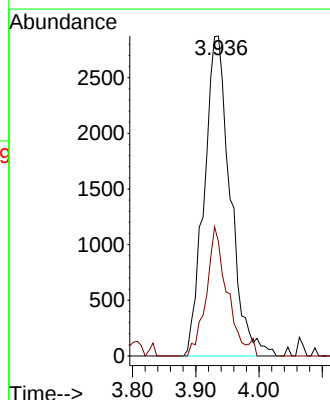
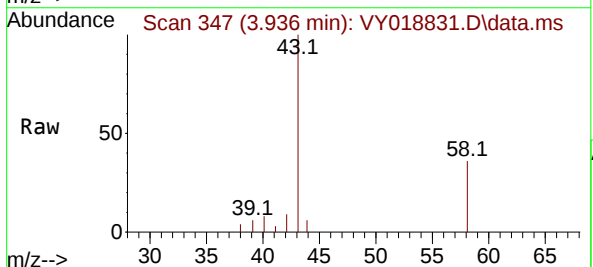
Instrument :
MSVOA_Y
ClientSampleId :
WC-CTW2-BL-06-G

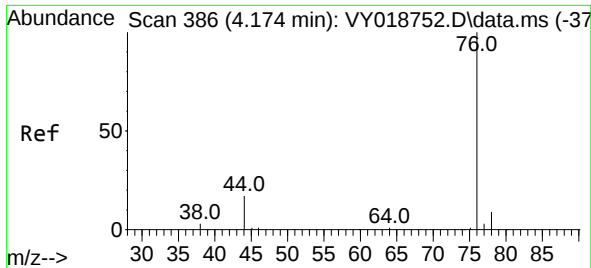
Tgt Ion:168 Resp: 195347
Ion Ratio Lower Upper
168 100
99 54.7 39.1 58.7



#16
Acetone
Concen: 23.279 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018831.D
Acq: 16 Jul 2024 14:40

Tgt Ion: 43 Resp: 8250
Ion Ratio Lower Upper
43 100
58 35.7 31.7 47.5

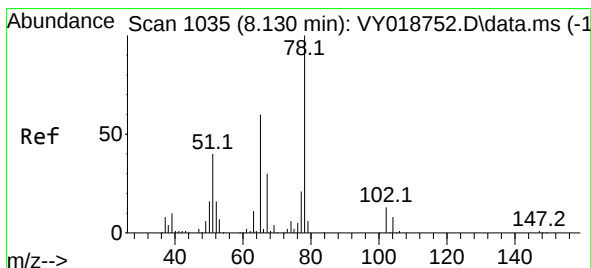
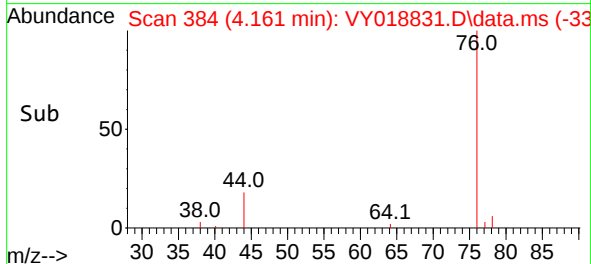
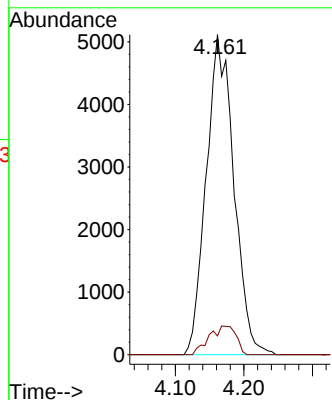
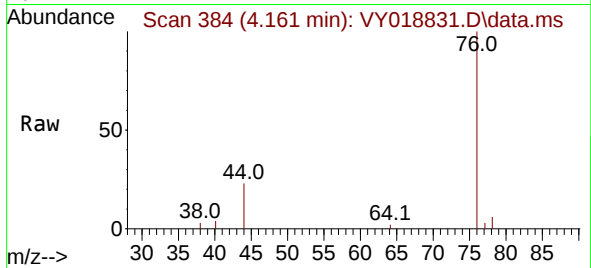




#17
Carbon Disulfide
Concen: 2.707 ug/l
RT: 4.161 min Scan# 384
Delta R.T. -0.012 min
Lab File: VY018831.D
Acq: 16 Jul 2024 14:40

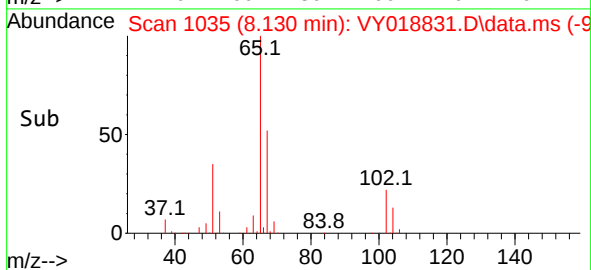
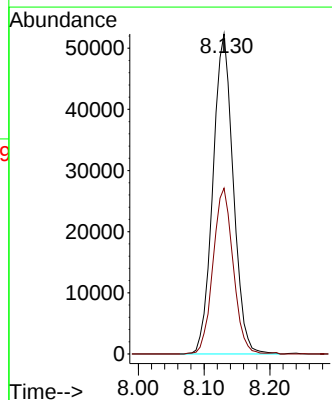
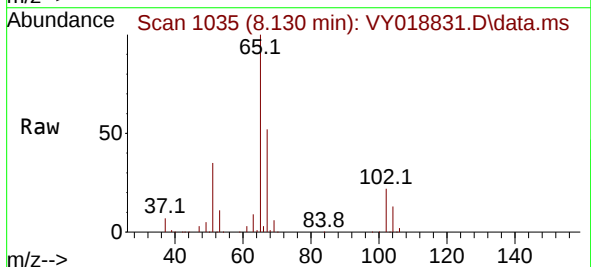
Instrument :
MSVOA_Y
ClientSampleId :
WC-CTW2-BL-06-G

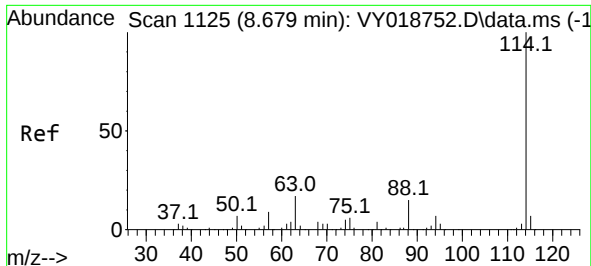
Tgt Ion: 76 Resp: 14304
Ion Ratio Lower Upper
76 100
78 5.9 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 58.574 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018831.D
Acq: 16 Jul 2024 14:40

Tgt Ion: 65 Resp: 112595
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018831.D

Acq: 16 Jul 2024 14:40

Instrument :

MSVOA_Y

ClientSampleId :

WC-CTW2-BL-06-G

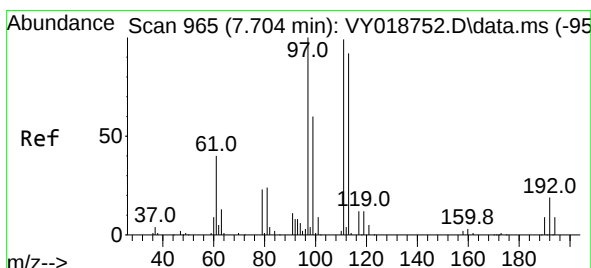
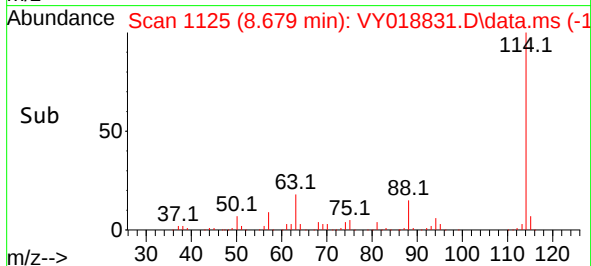
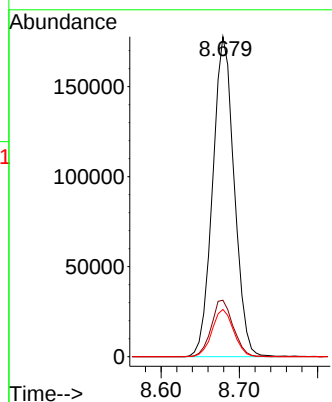
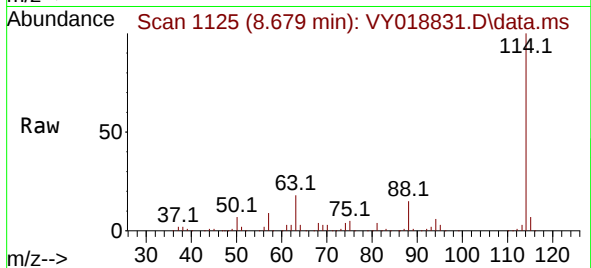
Tgt Ion:114 Resp: 339724

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.483 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018831.D

Acq: 16 Jul 2024 14:40

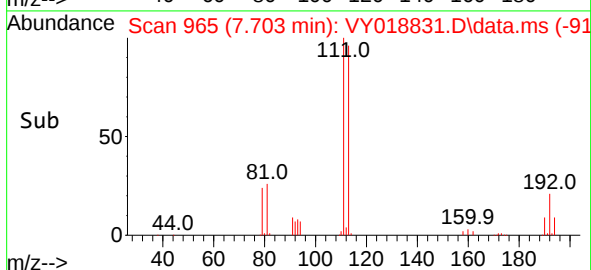
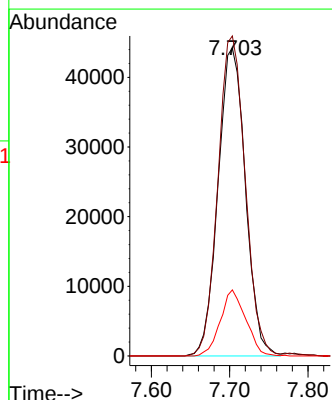
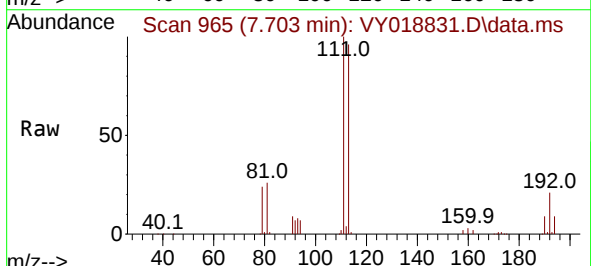
Tgt Ion:113 Resp: 107416

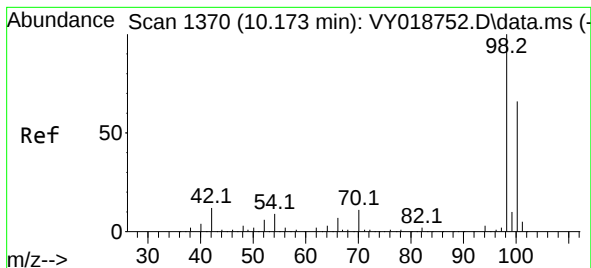
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 20.0 15.9 23.9

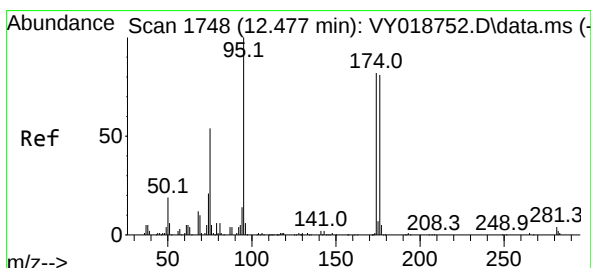
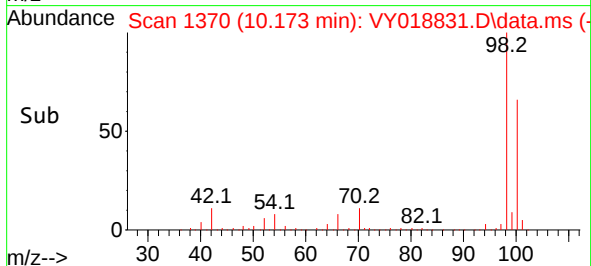
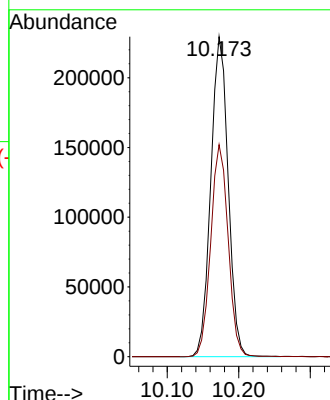
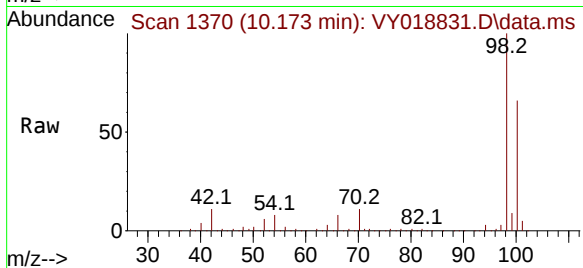




#50
Toluene-d8
Concen: 48.010 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018831.D
Acq: 16 Jul 2024 14:40

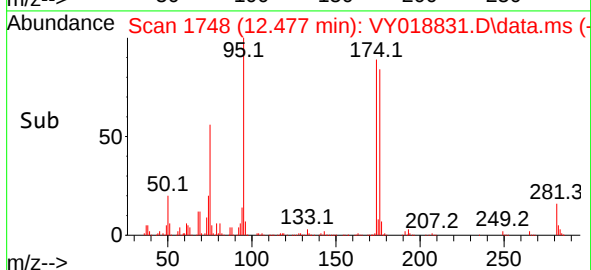
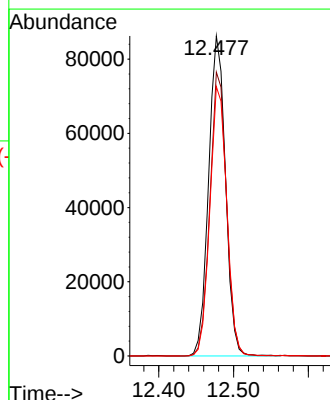
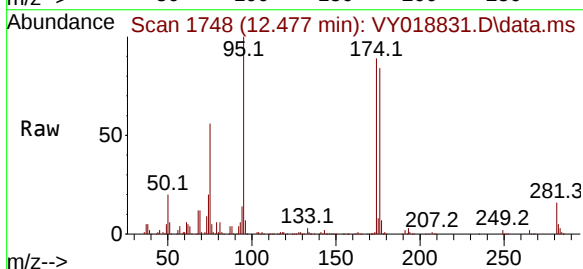
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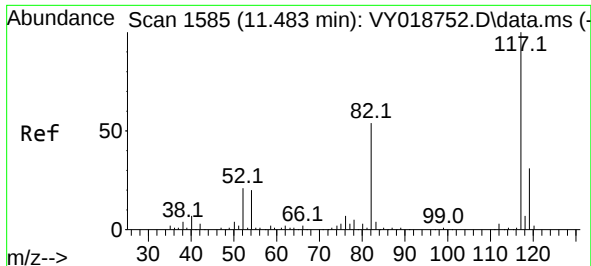
Tgt Ion: 98 Resp: 387022
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.267 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018831.D
Acq: 16 Jul 2024 14:40

Tgt Ion: 95 Resp: 135628
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.6
176 84.4 0.0 171.4

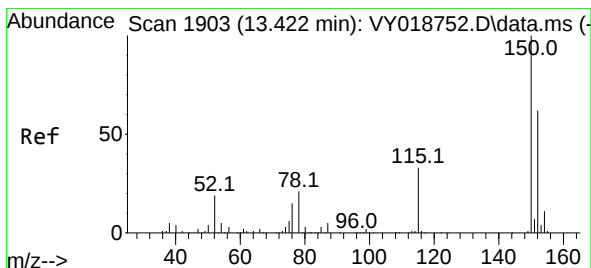
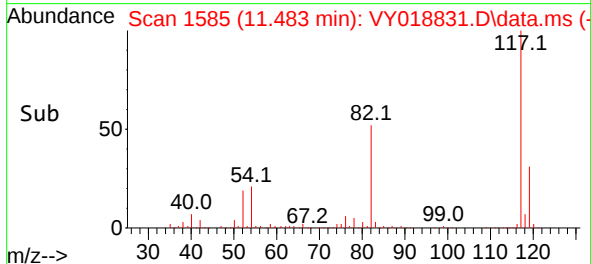
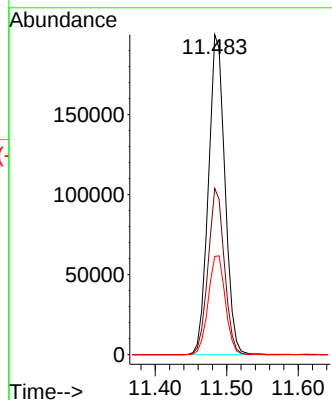
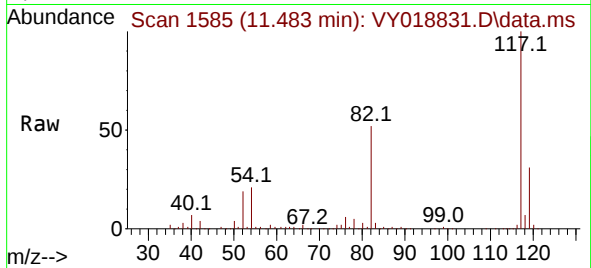




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018831.D
Acq: 16 Jul 2024 14:40

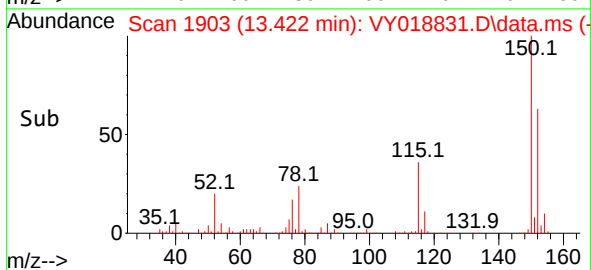
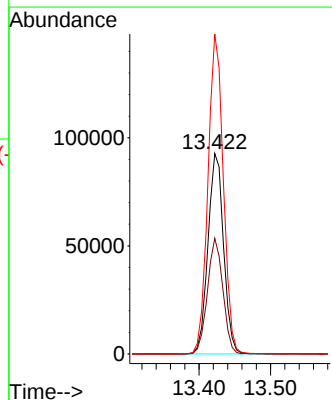
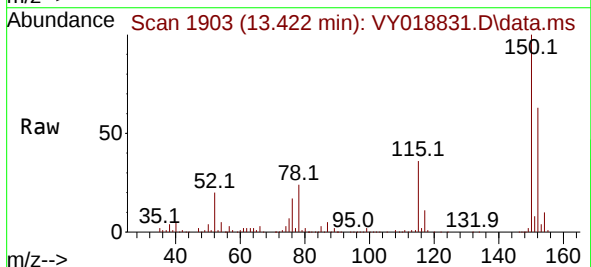
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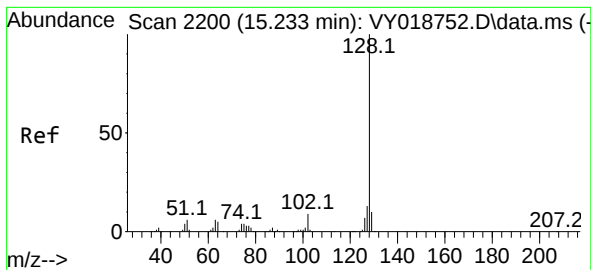
Tgt Ion:117 Resp: 320626
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 30.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018831.D
Acq: 16 Jul 2024 14:40

Tgt Ion:152 Resp: 140483
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 157.1 0.0 345.6





#95
Naphthalene
Concen: 1.719 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY018831.D
Acq: 16 Jul 2024 14:40

Instrument :
MSVOA_Y
ClientSampleId :
WC-CTW2-BL-06-G

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.6	16.0
129	10.6	8.6	13.0

