

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
 Data File : VW026230.D
 Acq On : 16 Jun 2023 16:05
 Operator : SY/MD
 Sample : 03307-01
 Misc : 5.91g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW04

Quant Time: Jun 17 00:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

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

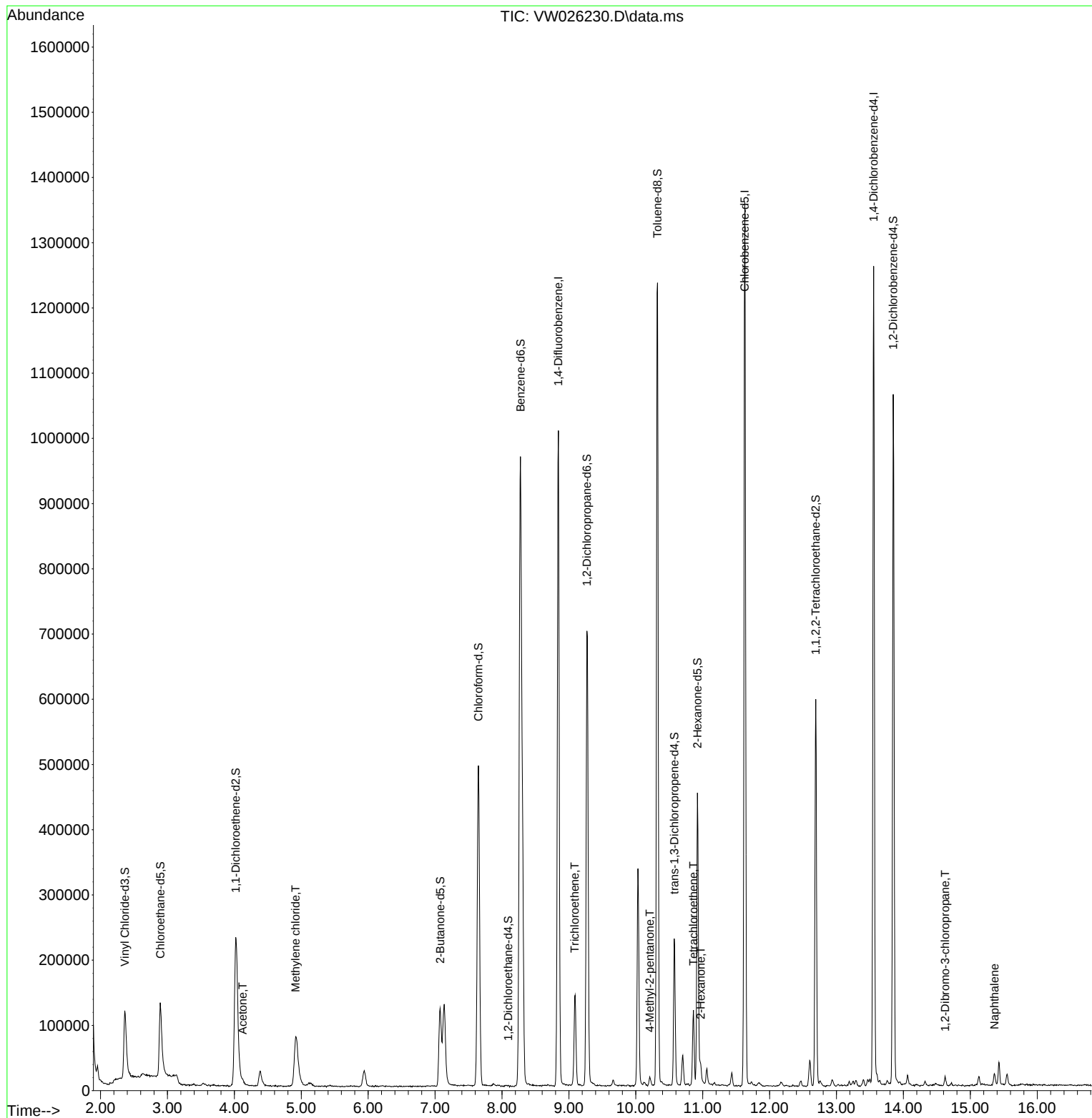
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	776647	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	700090	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	302770	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	180267	16.499	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.000%		
7) Chloroethane-d5	2.893	69	172310	21.068	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.280%		
11) 1,1-Dichloroethene-d2	4.021	65	96020	17.823	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.280%		
21) 2-Butanone-d5	7.075	46	216527	68.071	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	136.140%#		
24) Chloroform-d	7.648	84	497499	21.875	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.480%		
26) 1,2-Dichloroethane-d4	8.093	65	92	0.007	ug/L	-0.21
Spiked Amount 25.000	Range 70 - 130		Recovery =	0.040%#		
32) Benzene-d6	8.276	84	957079	20.317	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.280%		
36) 1,2-Dichloropropane-d6	9.270	67	332726	22.294	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.160%		
41) Toluene-d8	10.325	98	807417	19.327	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	77.320%		
43) trans-1,3-Dichloroprop...	10.575	79	119759	20.250	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.000%		
47) 2-Hexanone-d5	10.922	63	143033	60.781	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	121.560%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	304435	28.032	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.120%		
66) 1,2-Dichlorobenzene-d4	13.848	152	256609	22.143	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.560%		
Target Compounds					Qvalue	
13) Acetone	4.124	43	10098	4.103	ug/L	84
16) Methylene chloride	4.917	84	74988	6.049	ug/L	96
34) Trichloroethene	9.087	95	48322	3.935	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	9691	1.265	ug/L	98
46) Tetrachloroethene	10.861	164	23251	2.677	ug/L	93
48) 2-Hexanone	10.971	43	17294	3.203	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.623	75	1398	0.890	ug/L #	8
71) Naphthalene	15.360	128	15348	0.760	ug/L	98

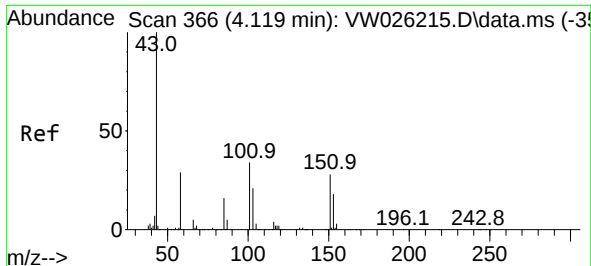
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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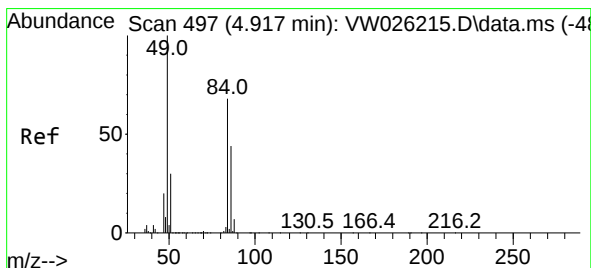
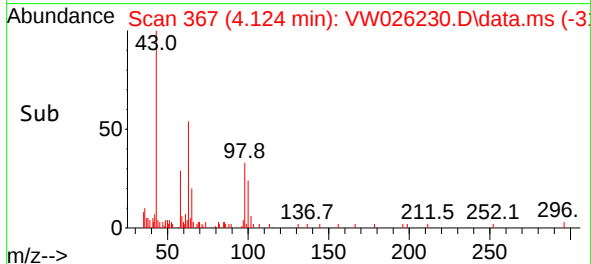
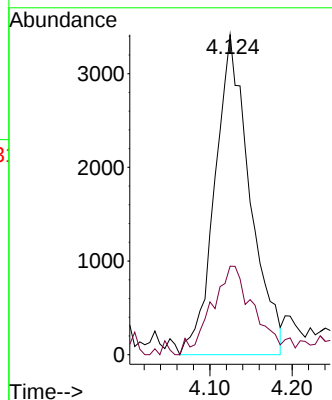
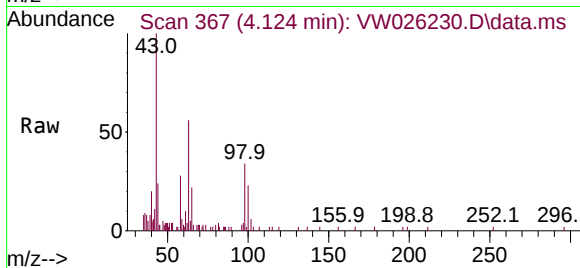




#13
Acetone
Concen: 4.103 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026230.D
Acq: 16 Jun 2023 16:05

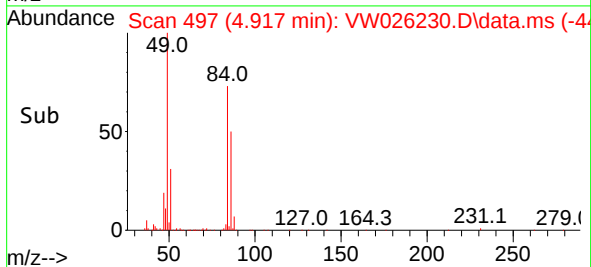
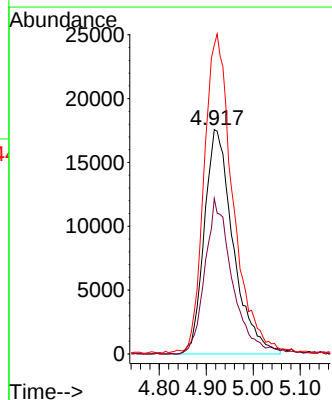
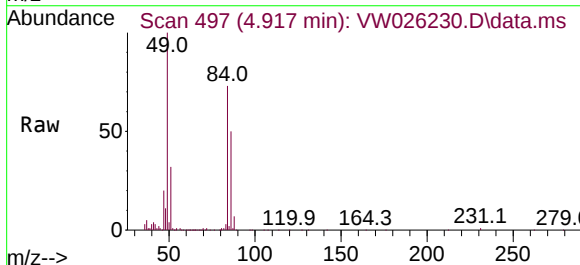
Instrument :
MSVOA_W
ClientSampleId :
YBW04

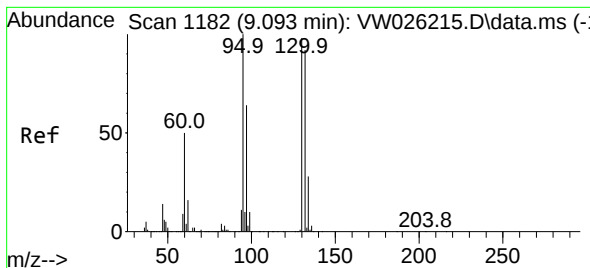
Tgt Ion: 43 Resp: 10098
Ion Ratio Lower Upper
43 100
58 20.3 0.0 58.2



#16
Methylene chloride
Concen: 6.049 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026230.D
Acq: 16 Jun 2023 16:05

Tgt Ion: 84 Resp: 74988
Ion Ratio Lower Upper
84 100
86 69.2 44.2 82.0
49 137.7 98.8 183.6





#34

Trichloroethene

Concen: 3.935 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW026230.D

Acq: 16 Jun 2023 16:05

Instrument :

MSVOA_W

ClientSampleId :

YBW04

Tgt Ion: 95 Resp: 48322

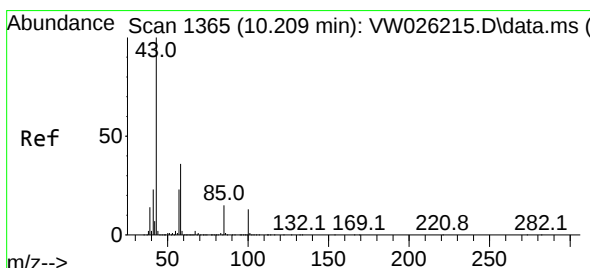
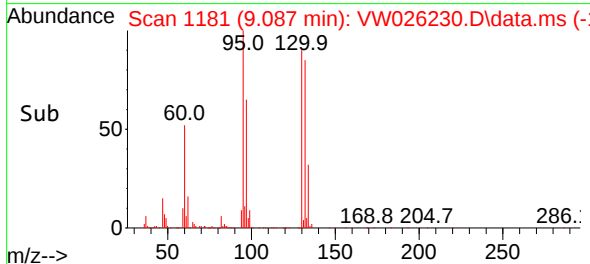
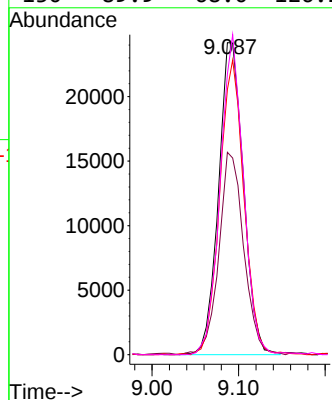
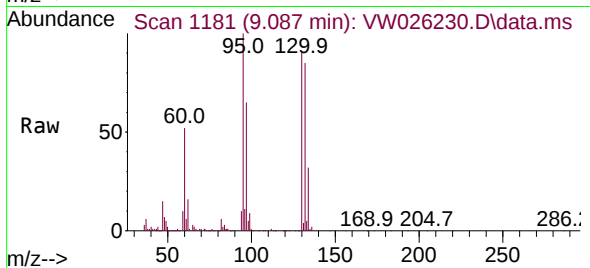
Ion Ratio Lower Upper

95 100

97 64.9 45.9 85.3

132 84.9 67.1 124.7

130 89.9 68.0 126.2



#40

4-Methyl-2-pentanone

Concen: 1.265 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026230.D

Acq: 16 Jun 2023 16:05

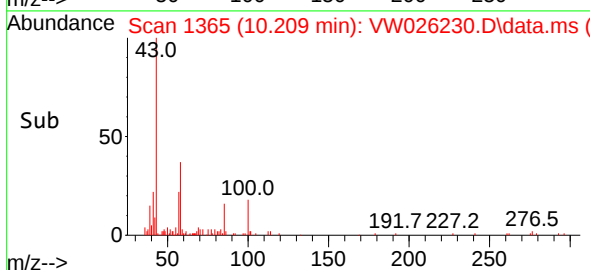
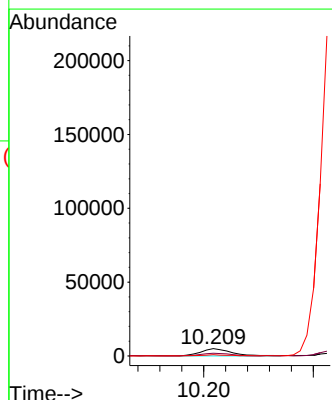
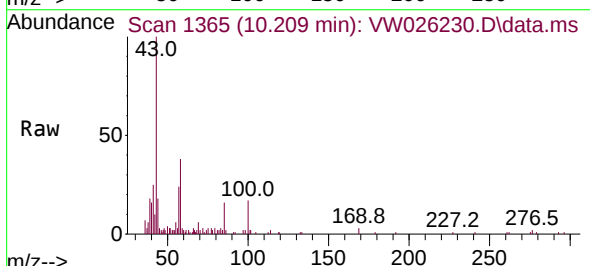
Tgt Ion: 43 Resp: 9691

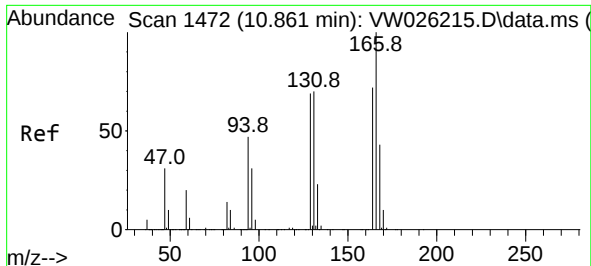
Ion Ratio Lower Upper

43 100

58 37.7 29.0 43.4

100 13.2 10.5 15.7

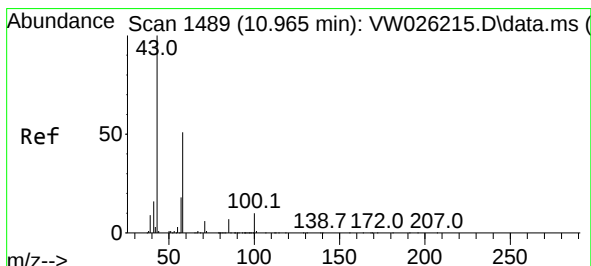
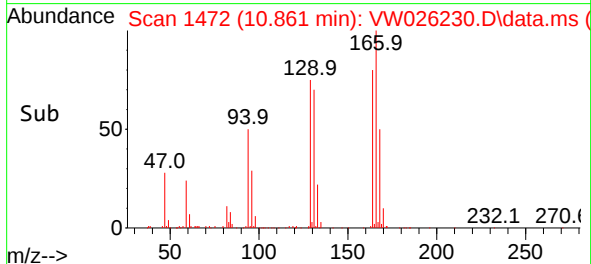
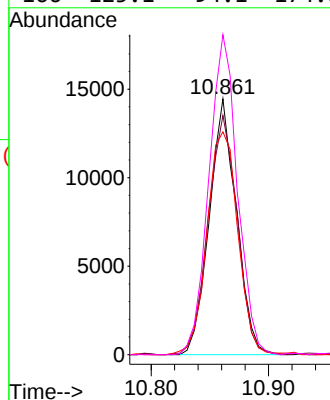
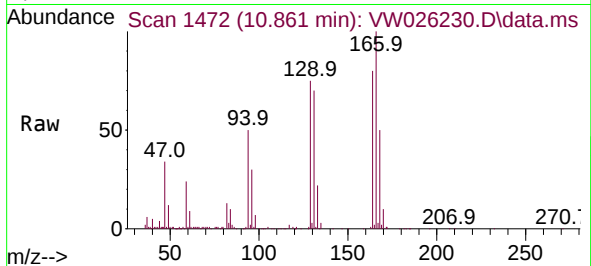




#46
Tetrachloroethene
Concen: 2.677 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026230.D
Acq: 16 Jun 2023 16:05

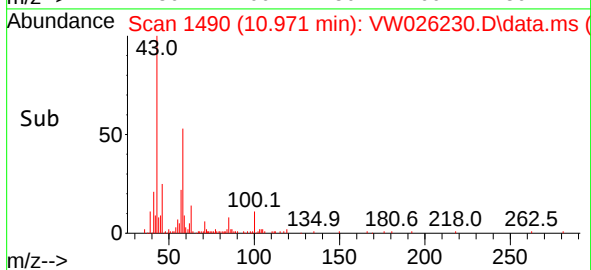
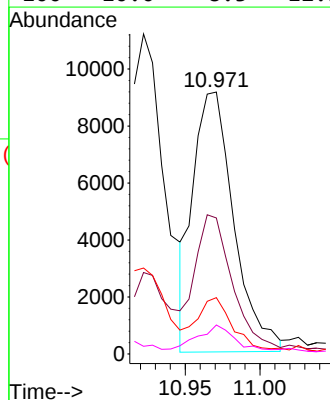
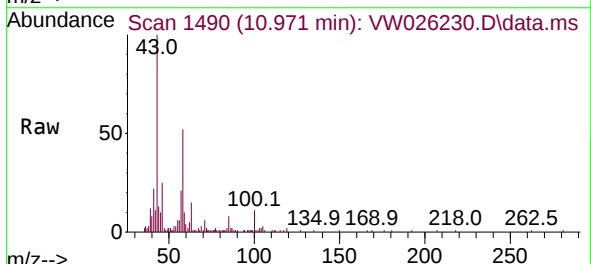
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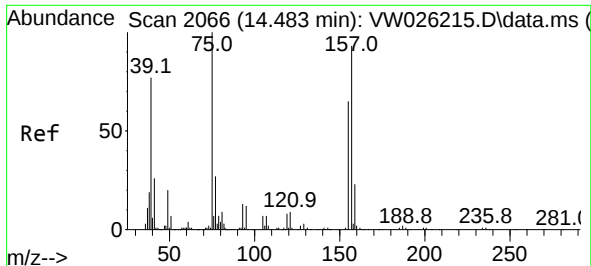
Tgt Ion:	164	Resp:	23251
Ion	Ratio	Lower	Upper
164	100		
129	93.5	68.5	127.1
131	87.1	67.1	124.7
166	125.1	94.1	174.8



#48
2-Hexanone
Concen: 3.203 ug/L
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW026230.D
Acq: 16 Jun 2023 16:05

Tgt Ion:	43	Resp:	17294
Ion	Ratio	Lower	Upper
43	100		
58	49.8	42.2	63.2
57	20.4	14.2	21.2
100	10.0	8.3	12.5





#68

1,2-Dibromo-3-chloropropane

Concen: 0.890 ug/L

RT: 14.623 min Scan# 2066

Delta R.T. 0.140 min

Lab File: VW026230.D

Acq: 16 Jun 2023 16:05

Instrument :

MSVOA_W

ClientSampleId :

YBW04

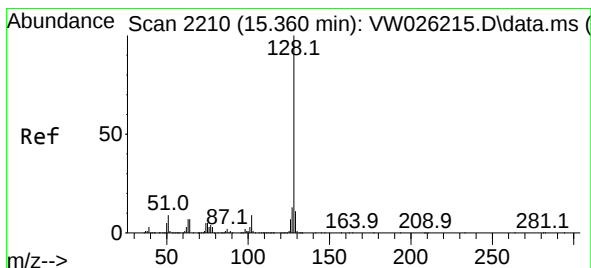
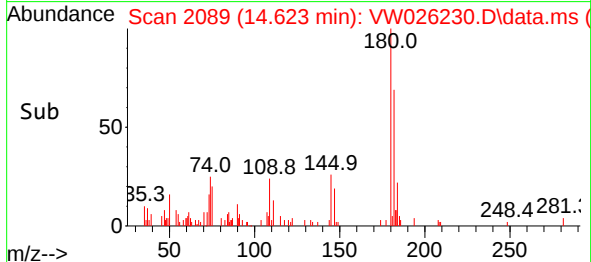
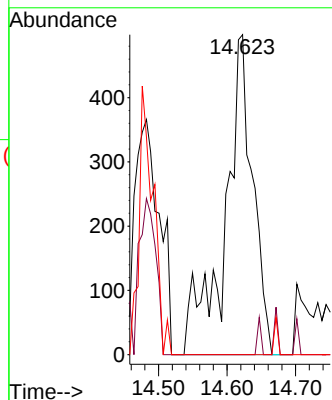
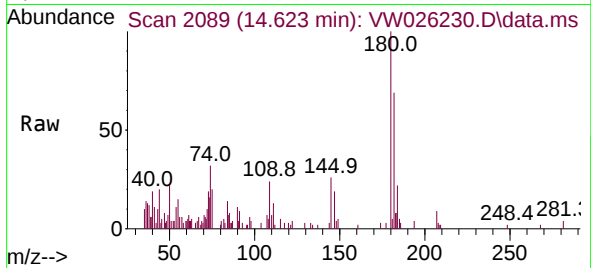
Tgt Ion: 75 Resp: 1398

Ion Ratio Lower Upper

75 100

155 0.0 59.0 88.6#

157 0.0 71.7 107.5#



#71

Naphthalene

Concen: 0.760 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW026230.D

Acq: 16 Jun 2023 16:05

Tgt Ion: 128 Resp: 15348

Ion Ratio Lower Upper

128 100

127 14.2 10.6 15.8

129 11.7 8.8 13.2

