

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026269.D
 Acq On : 20 Jun 2023 14:56
 Operator : SY/MD
 Sample : 03334-01
 Misc : 5.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBTZ7

Quant Time: Jun 21 01:13:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 21 01:09:17 2023
 Response via : Initial Calibration

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

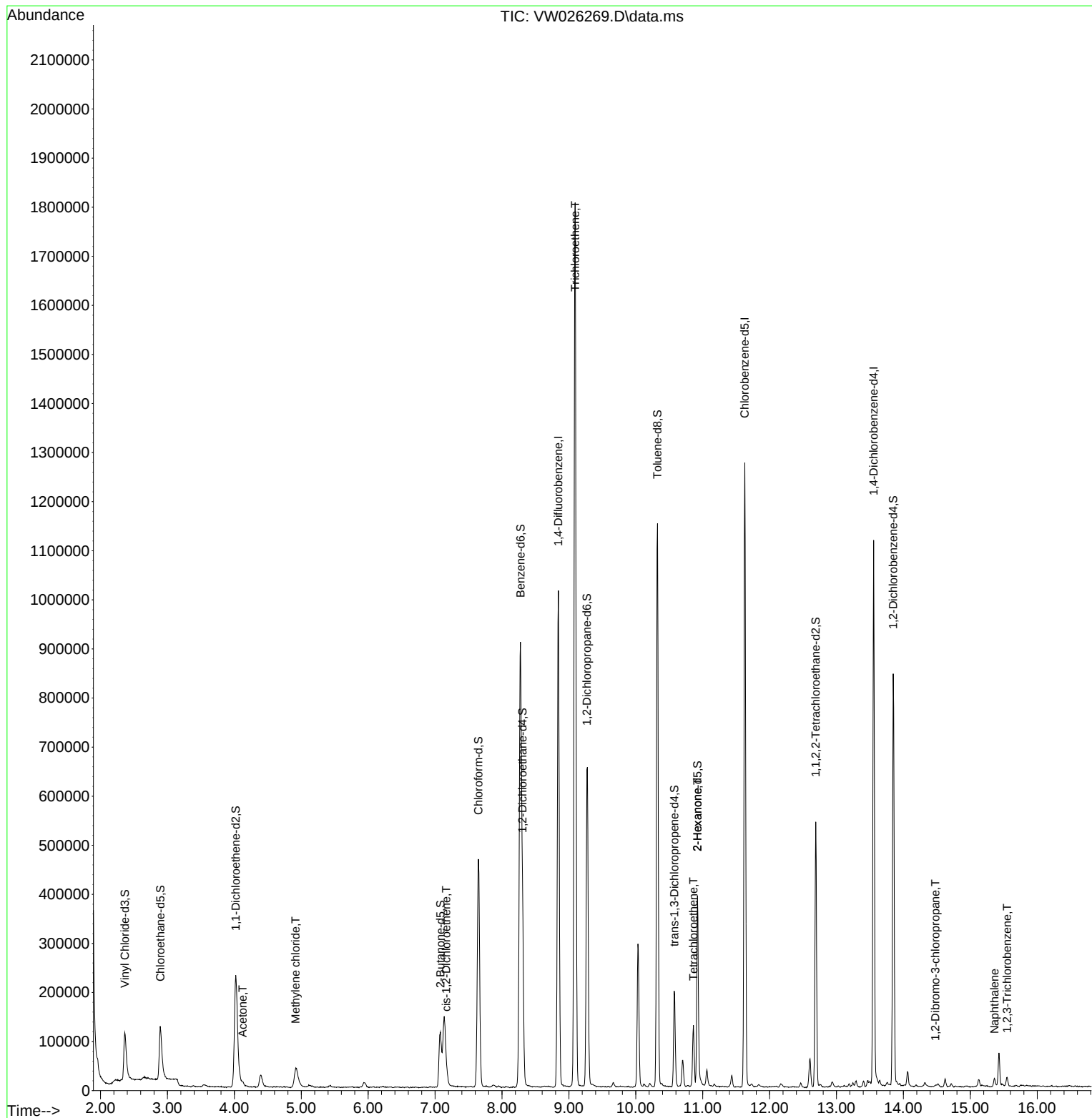
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	777346	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	646349	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	259188	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	170656	15.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.440%
7) Chloroethane-d5	2.893	69	168975	20.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
11) 1,1-Dichloroethene-d2	4.021	65	92154	17.090	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.360%
21) 2-Butanone-d5	7.081	46	204408	64.204	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.400%
24) Chloroform-d	7.648	84	463828	20.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.520%
26) 1,2-Dichloroethane-d4	8.307	65	276734	22.232	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.920%
32) Benzene-d6	8.276	84	893783	20.551	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	9.270	67	311267	22.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.360%
41) Toluene-d8	10.325	98	724744	18.790	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.160%
43) trans-1,3-Dichloroprop...	10.575	79	105444	19.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.240%
47) 2-Hexanone-d5	10.922	63	125392	57.715	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	272390	27.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	204274	20.591	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.360%
Target Compounds	Qvalue					
13) Acetone	4.125	43	9405	3.818	ug/L	84
16) Methylene chloride	4.917	84	35268	2.843	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	12197	1.037	ug/L	90
34) Trichloroethene	9.093	95	641394	56.572	ug/L	95
46) Tetrachloroethene	10.861	164	26314	3.281	ug/L	88
48) 2-Hexanone	10.922	43	18587	3.728	ug/L	# 65
68) 1,2-Dibromo-3-chloropr...	14.476	75	1055	0.784	ug/L	# 73
71) Naphthalene	15.360	128	13013	0.752	ug/L	# 97
72) 1,2,3-Trichlorobenzene	15.549	180	5192	0.612	ug/L	89

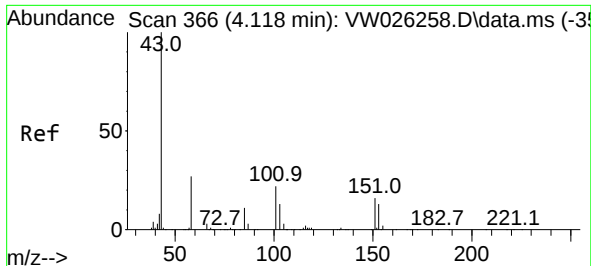
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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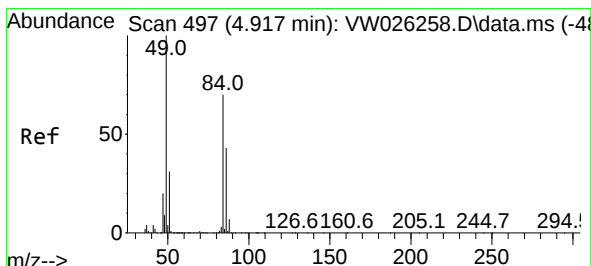
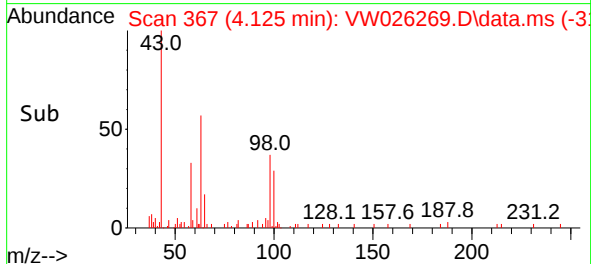
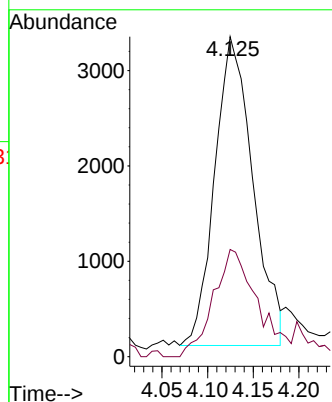
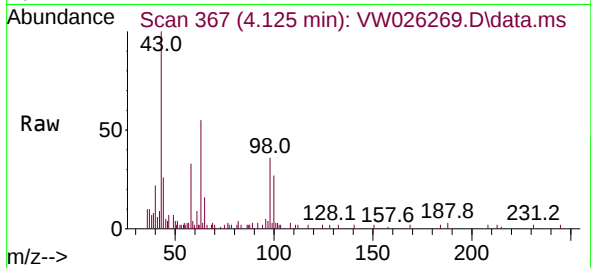




#13
Acetone
Concen: 3.818 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026269.D
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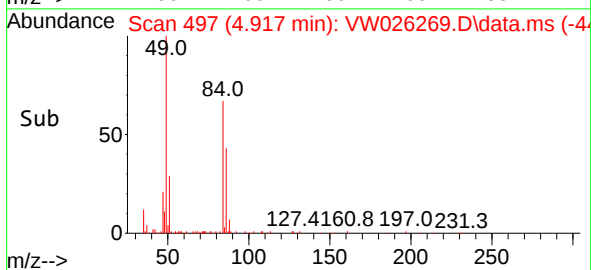
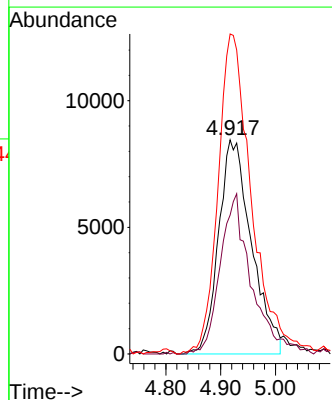
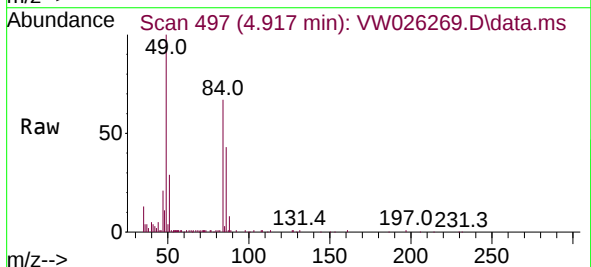
Instrument :
MSVOA_W
ClientSampleId :
YBTZ7

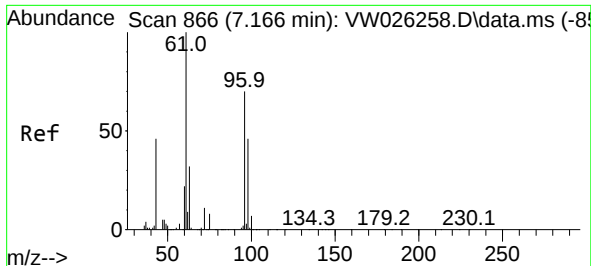
Tgt Ion: 43 Resp: 9405
Ion Ratio Lower Upper
43 100
58 37.4 0.0 58.2



#16
Methylene chloride
Concen: 2.843 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026269.D
Acq: 20 Jun 2023 14:56

Tgt Ion: 84 Resp: 35268
Ion Ratio Lower Upper
84 100
86 64.8 44.2 82.0
49 149.4 98.8 183.6

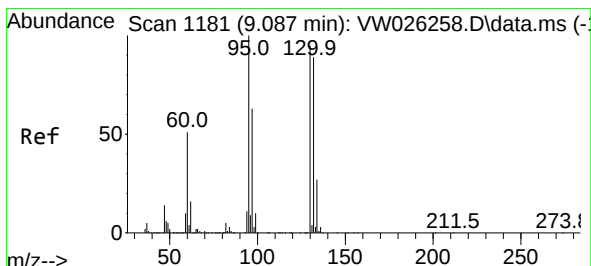
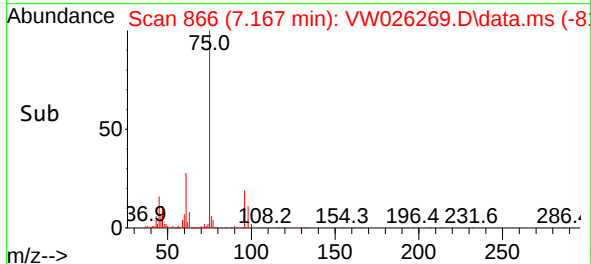
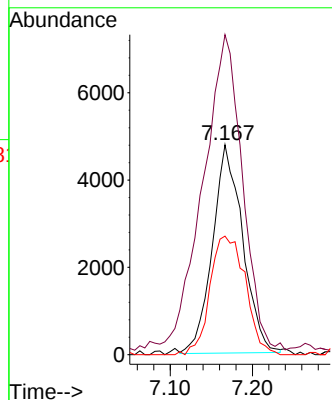
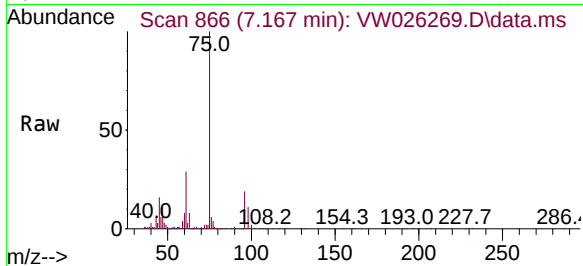




#20
 cis-1,2-Dichloroethene
 Concen: 1.037 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW026269.D
 Acq: 20 Jun 2023 14:56

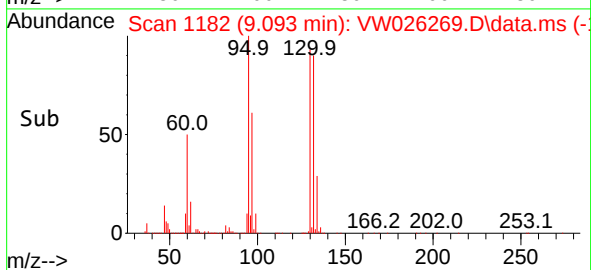
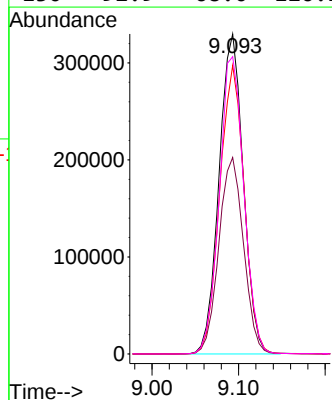
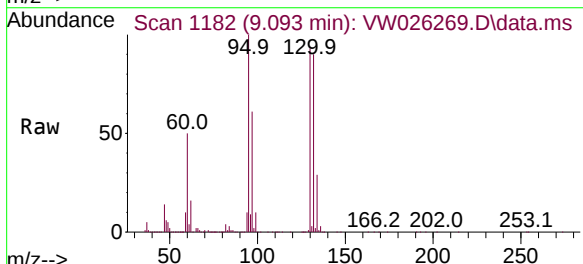
Instrument :
 MSVOA_W
 ClientSampleId :
 YBTZ7

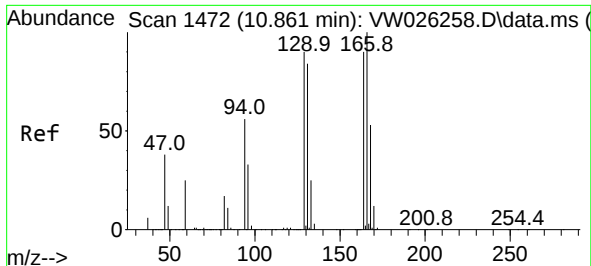
Tgt Ion: 96 Resp: 12197
 Ion Ratio Lower Upper
 96 100
 61 152.4 98.4 182.8
 98 56.4 45.2 84.0



#34
 Trichloroethene
 Concen: 56.572 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. 0.006 min
 Lab File: VW026269.D
 Acq: 20 Jun 2023 14:56

Tgt Ion: 95 Resp: 641394
 Ion Ratio Lower Upper
 95 100
 97 61.4 45.9 85.3
 132 90.2 67.1 124.7
 130 92.9 68.0 126.2

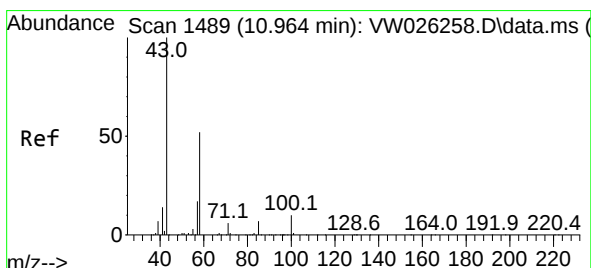
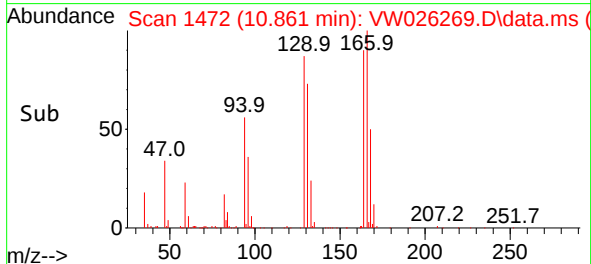
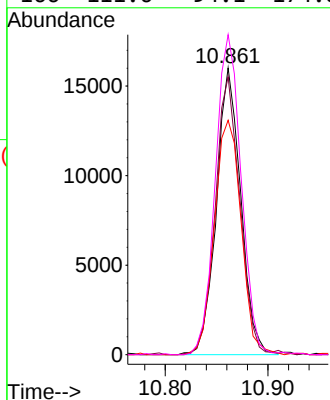
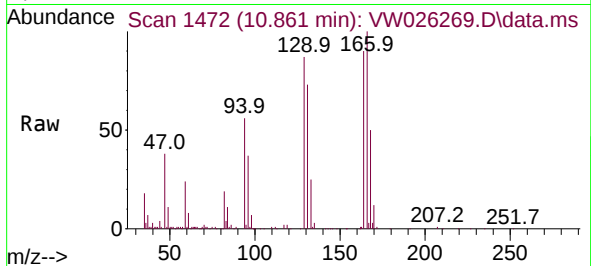




#46
Tetrachloroethene
Concen: 3.281 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026269.D
Acq: 20 Jun 2023 14:56

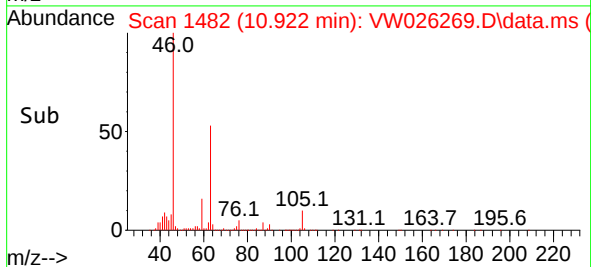
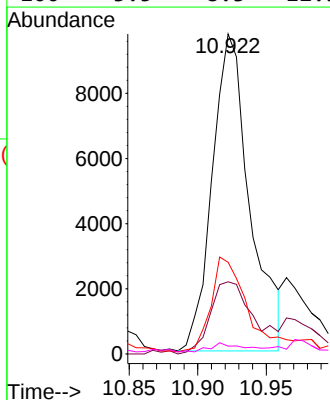
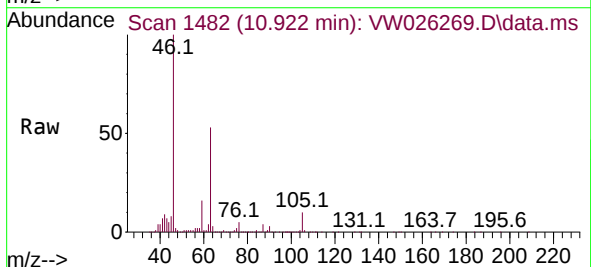
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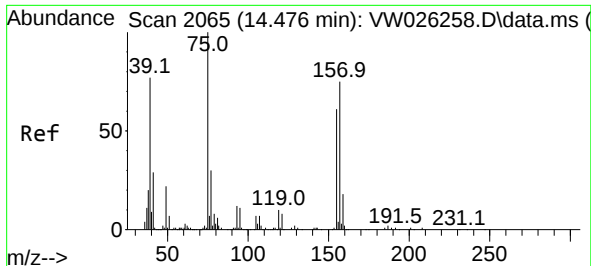
Tgt Ion:164	Resp:	26314
Ion	Ratio	Lower Upper
164	100	
129	96.9	68.5 127.1
131	81.8	67.1 124.7
166	111.6	94.1 174.8



#48
2-Hexanone
Concen: 3.728 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.042 min
Lab File: VW026269.D
Acq: 20 Jun 2023 14:56

Tgt Ion: 43	Resp:	18587
Ion	Ratio	Lower Upper
43	100	
58	23.6	42.2 63.2#
57	30.2	14.2 21.2#
100	3.5	8.3 12.5#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.784 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026269.D

Acq: 20 Jun 2023 14:56

Instrument :

MSVOA_W

ClientSampleId :

YBTZ7

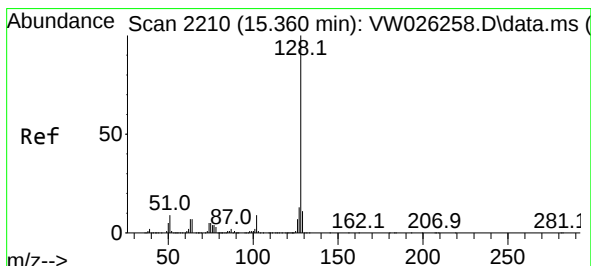
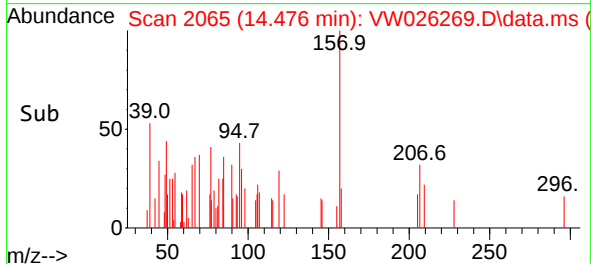
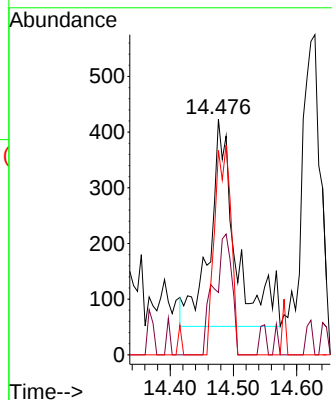
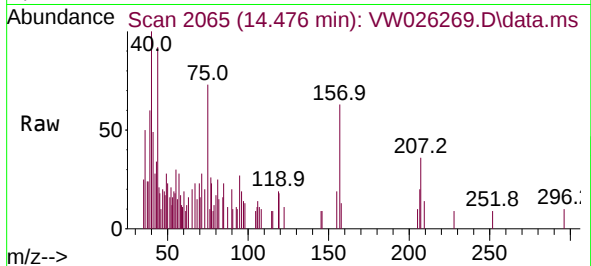
Tgt Ion: 75 Resp: 1055

Ion Ratio Lower Upper

75 100

155 26.5 59.0 88.6#

157 86.8 71.7 107.5



#71

Naphthalene

Concen: 0.752 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026269.D

Acq: 20 Jun 2023 14:56

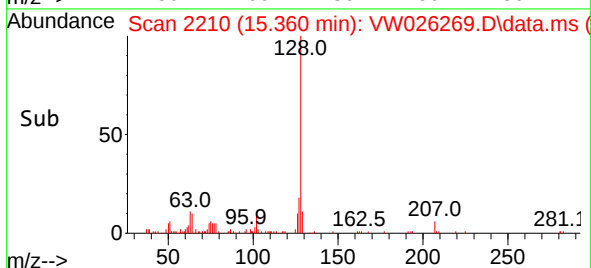
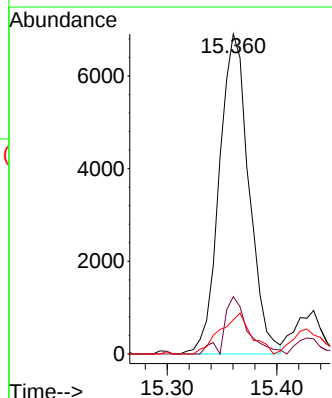
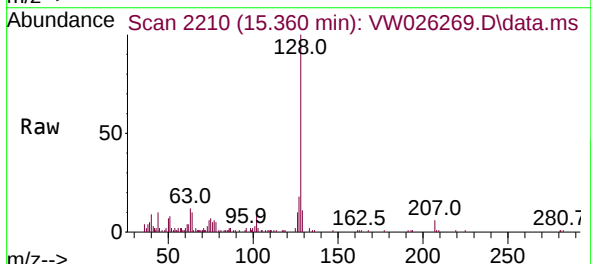
Tgt Ion:128 Resp: 13013

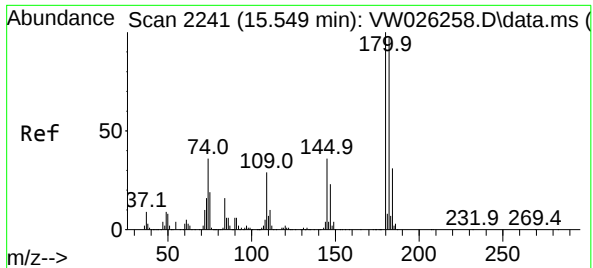
Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 13.4 8.8 13.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.612 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
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Tgt Ion:	180	Resp:	5192
Ion	Ratio	Lower	Upper
180	100		
182	106.1	76.3	114.5
145	40.4	27.0	40.6

