

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
 Data File : VW026233.D
 Acq On : 16 Jun 2023 17:17
 Operator : SY/MD
 Sample : 03307-05
 Misc : 5.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW08

Quant Time: Jun 17 00:07:13 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)

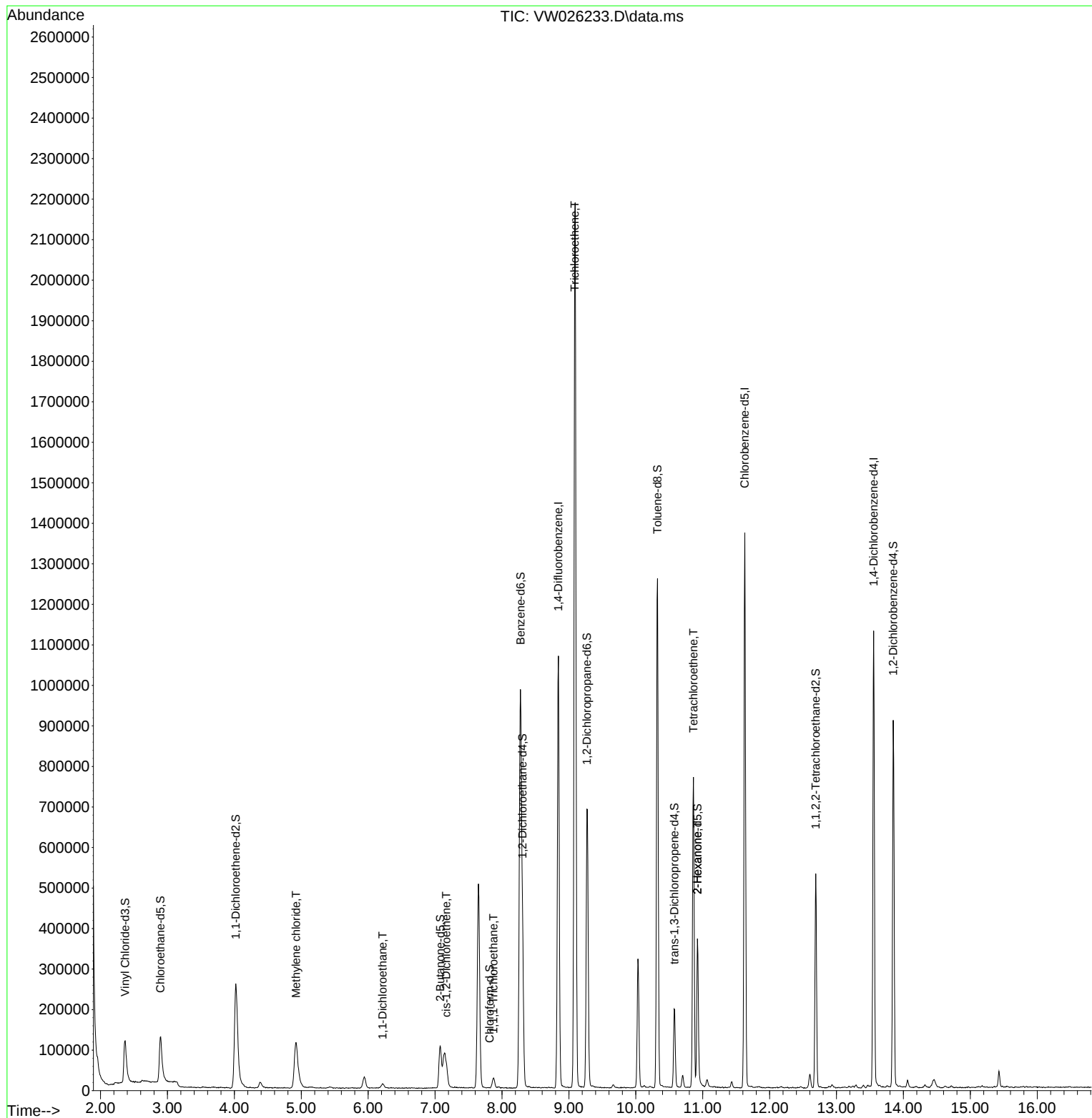
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	820638	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	692816	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	262004	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	190860	16.532	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.120%
7) Chloroethane-d5	2.893	69	183108	21.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.760%
11) 1,1-Dichloroethene-d2	4.021	65	102172	17.948	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.800%
21) 2-Butanone-d5	7.075	46	191676	57.029	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.060%
24) Chloroform-d	7.813	84	217	0.009	ug/L	0.16
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.040%#
26) 1,2-Dichloroethane-d4	8.306	65	294498	22.411	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.640%
32) Benzene-d6	8.276	84	977202	20.962	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.840%
36) 1,2-Dichloropropane-d6	9.270	67	330742	22.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	10.324	98	801924	19.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	10.574	79	107844	18.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.720%
47) 2-Hexanone-d5	10.922	63	121533	52.187	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	266555	24.802	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	216397	21.578	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.320%
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	105063	8.021	ug/L	99
19) 1,1-Dichloroethane	6.215	63	15733	0.659	ug/L	95
20) cis-1,2-Dichloroethene	7.166	96	25353	2.042	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	18624	1.108	ug/L	96
34) Trichloroethene	9.087	95	780212	64.200	ug/L	93
46) Tetrachloroethene	10.861	164	161038	18.734	ug/L	99
48) 2-Hexanone	10.922	43	18307	3.426	ug/L #	70

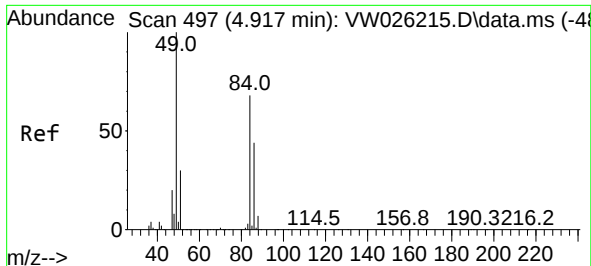
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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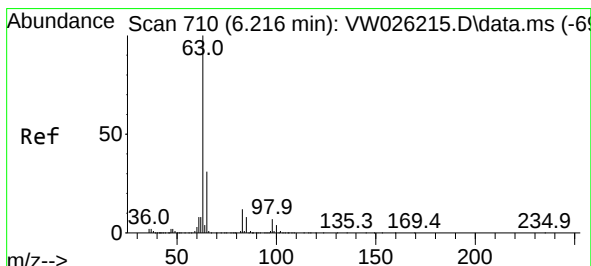
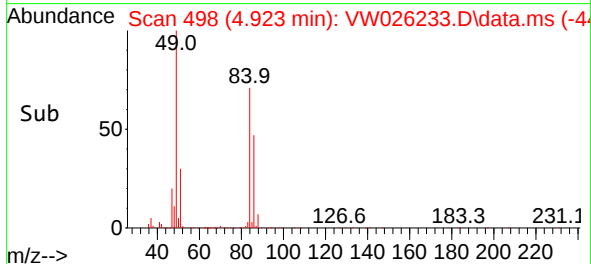
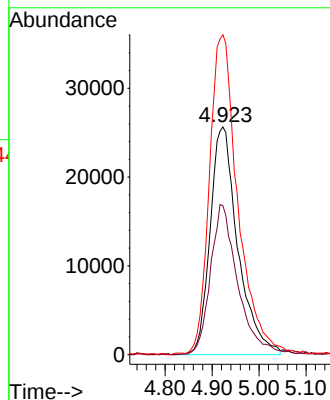
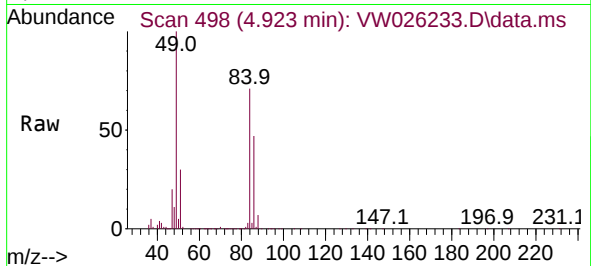




#16
Methylene chloride
Concen: 8.021 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW026233.D
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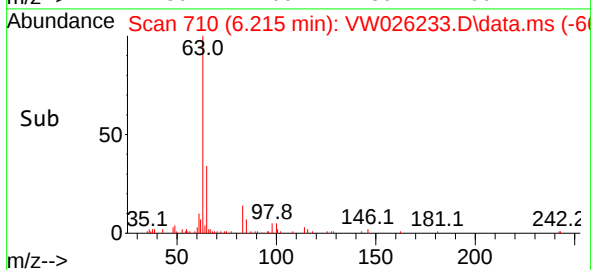
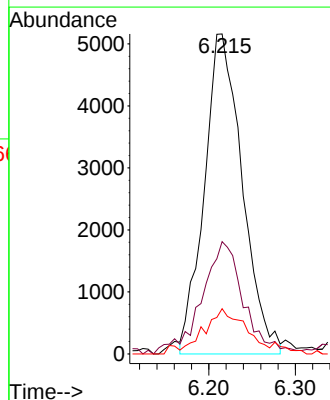
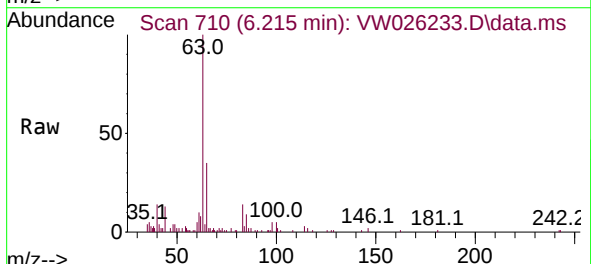
Instrument :
MSVOA_W
ClientSampleId :
YBW08

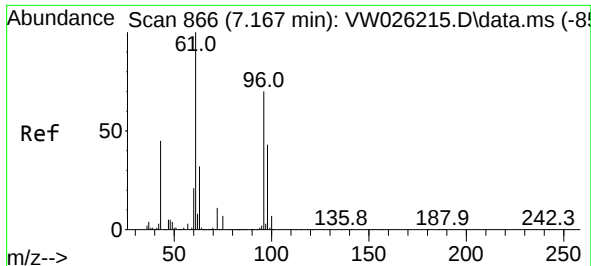
Tgt Ion: 84 Resp: 105063
Ion Ratio Lower Upper
84 100
86 65.4 44.2 82.0
49 140.6 98.8 183.6



#19
1,1-Dichloroethane
Concen: 0.659 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026233.D
Acq: 16 Jun 2023 17:17

Tgt Ion: 63 Resp: 15733
Ion Ratio Lower Upper
63 100
65 35.1 22.3 41.5
83 14.1 9.1 16.9

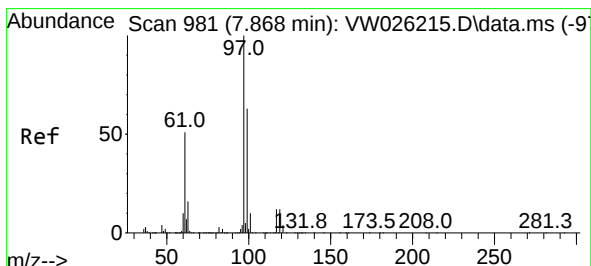
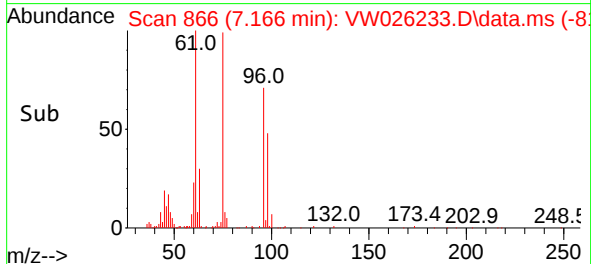
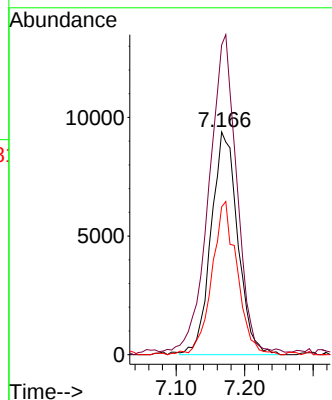
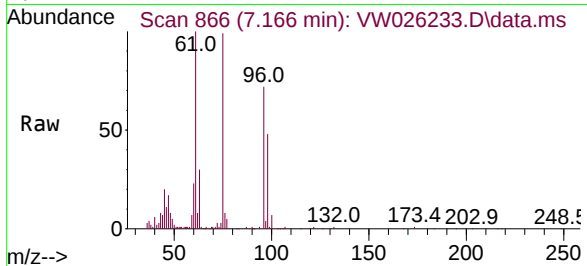




#20
 cis-1,2-Dichloroethene
 Concen: 2.042 ug/L
 RT: 7.166 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026233.D
 Acq: 16 Jun 2023 17:17

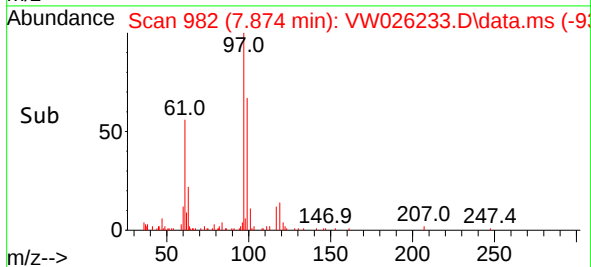
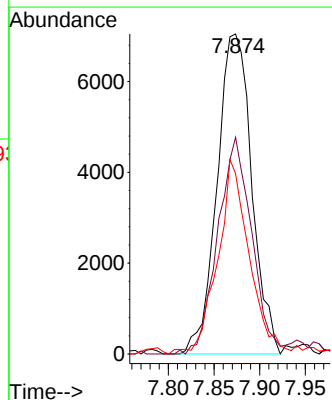
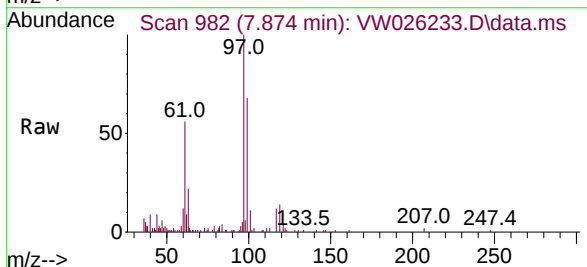
Instrument :
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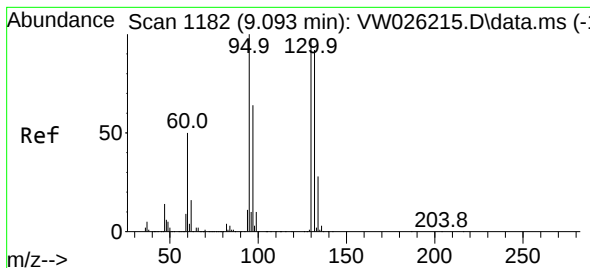
Tgt Ion: 96 Resp: 25353
 Ion Ratio Lower Upper
 96 100
 61 139.1 98.4 182.8
 98 66.4 45.2 84.0



#30
 1,1,1-Trichloroethane
 Concen: 1.108 ug/L
 RT: 7.874 min Scan# 982
 Delta R.T. 0.006 min
 Lab File: VW026233.D
 Acq: 16 Jun 2023 17:17

Tgt Ion: 97 Resp: 18624
 Ion Ratio Lower Upper
 97 100
 99 65.6 50.6 76.0
 61 53.5 40.5 60.7





#34

Trichloroethene

Concen: 64.200 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW026233.D

Acq: 16 Jun 2023 17:17

Instrument :

MSVOA_W

ClientSampleId :

YBW08

Tgt Ion: 95 Resp: 780212

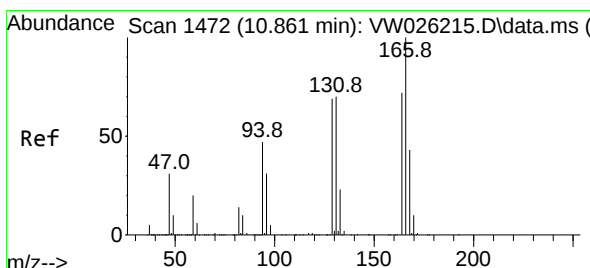
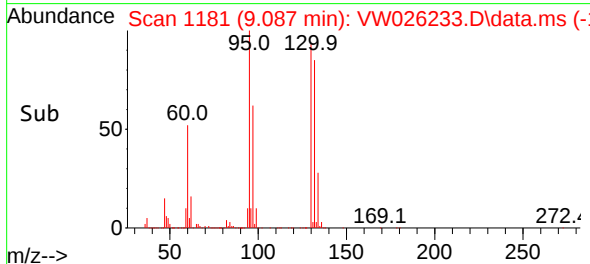
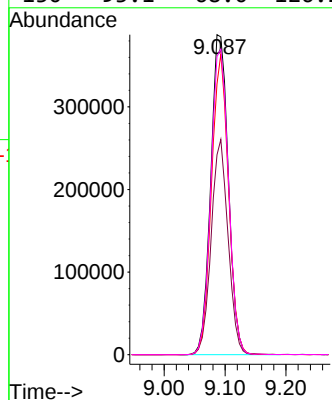
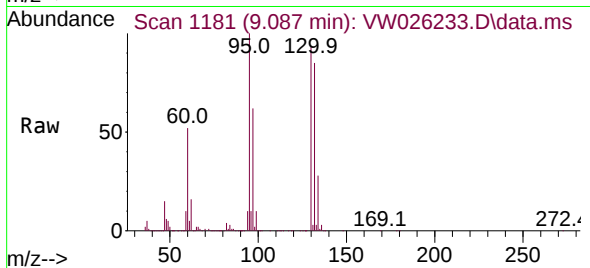
Ion Ratio Lower Upper

95 100

97 62.5 45.9 85.3

132 84.6 67.1 124.7

130 93.1 68.0 126.2



#46

Tetrachloroethene

Concen: 18.734 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026233.D

Acq: 16 Jun 2023 17:17

Tgt Ion:164 Resp: 161038

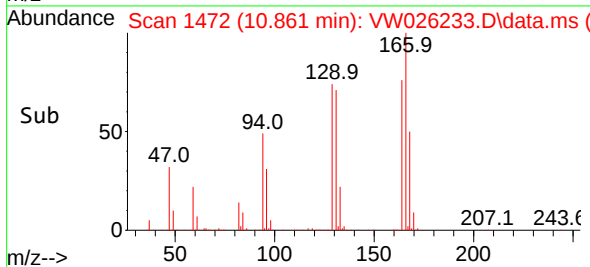
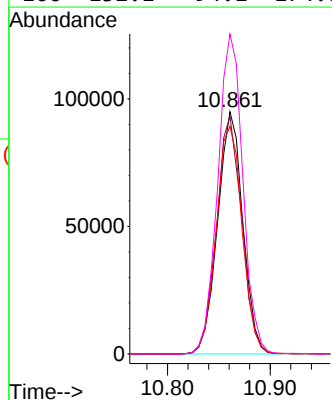
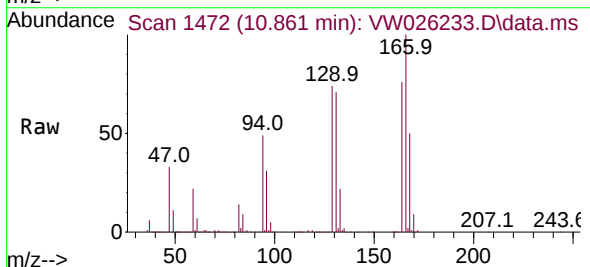
Ion Ratio Lower Upper

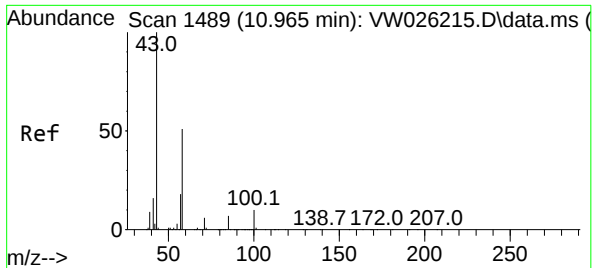
164 100

129 98.0 68.5 127.1

131 93.9 67.1 124.7

166 132.1 94.1 174.8





#48
 2-Hexanone
 Concen: 3.426 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW026233.D
 Acq: 16 Jun 2023 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW08

Tgt Ion: 43	Resp:	18307
Ion	Ratio	Lower Upper
43	100	
58	26.7	42.2 63.2#
57	25.5	14.2 21.2#
100	3.1	8.3 12.5#

