

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
 Data File : VW025510.D
 Acq On : 30 Mar 2023 18:11
 Operator : SY/MD
 Sample : 02130-15
 Misc : 5./81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11B5

Quant Time: Mar 31 02:25:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 02:21:49 2023
 Response via : Initial Calibration

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

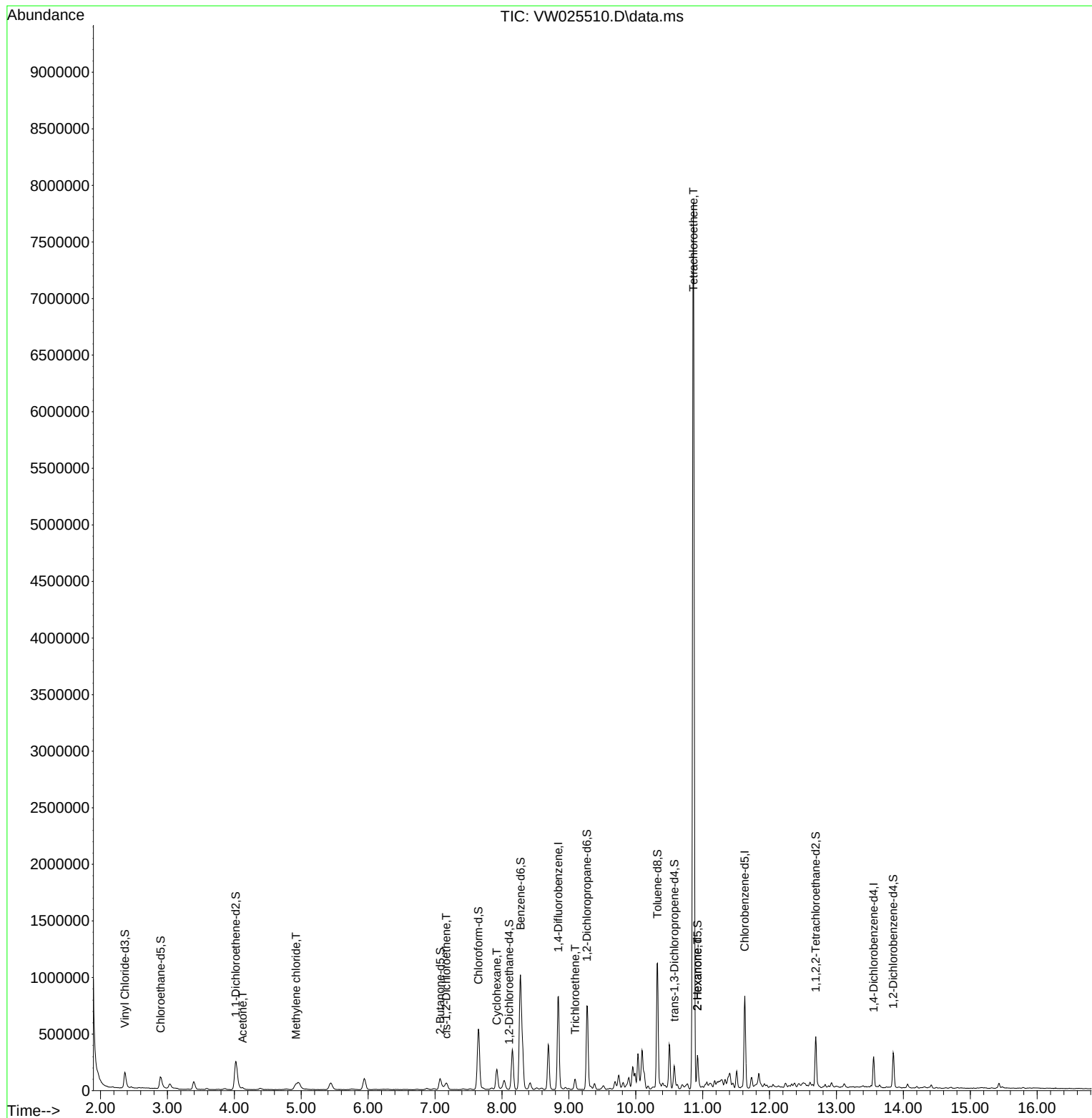
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	666935	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	389856	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	68870	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	144647	13.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.160%
7) Chloroethane-d5	2.899	69	160579	20.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.480%
11) 1,1-Dichloroethene-d2	4.021	63	311119	14.526	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.120%
21) 2-Butanone-d5	7.075	46	168913	62.057	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.120%
24) Chloroform-d	7.648	84	529598	27.545	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.160%
26) 1,2-Dichloroethane-d4	8.106	65	72	0.007	ug/L	-0.20
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.276	84	1011351	37.966	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	151.880%#
36) 1,2-Dichloropropane-d6	9.270	67	353288	42.870	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	171.480%#
41) Toluene-d8	10.325	98	720740	30.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	122.760%
43) trans-1,3-Dichloroprop...	10.575	79	81590	24.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.440%
47) 2-Hexanone-d5	10.922	63	92954	78.441	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.880%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	228861	37.906	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	151.640%#
66) 1,2-Dichlorobenzene-d4	13.849	152	77735	30.352	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.400%#
Target Compounds					Qvalue	
13) Acetone	4.125	43	22545	8.616	ug/L	95
16) Methylene chloride	4.923	84	33084	3.562	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	29617	3.103	ug/L #	94
29) Cyclohexane	7.923	56	34607	3.145	ug/L #	45
34) Trichloroethene	9.093	95	31781	4.858	ug/L	95
46) Tetrachloroethene	10.861	164	1670561	358.889	ug/L	95
48) 2-Hexanone	10.922	43	19856	6.693	ug/L #	53

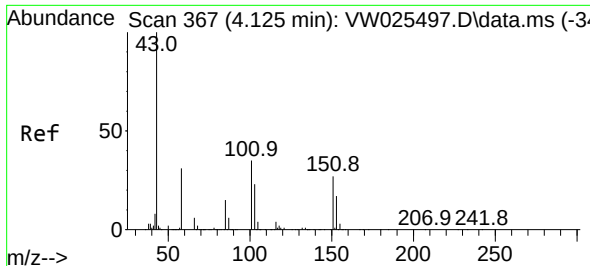
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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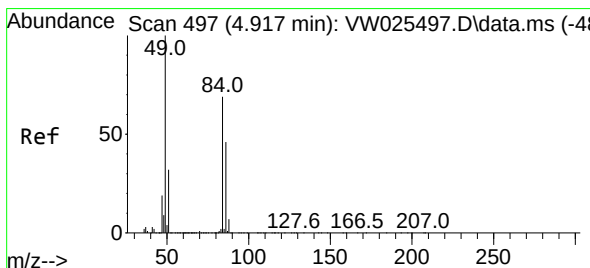
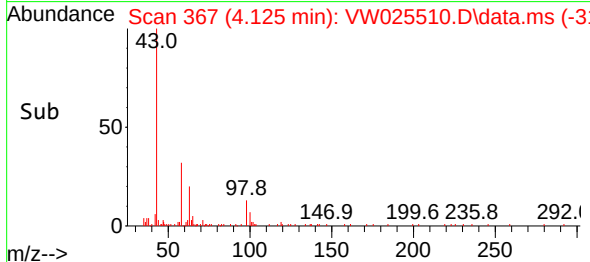
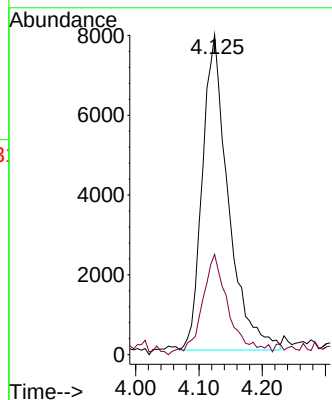
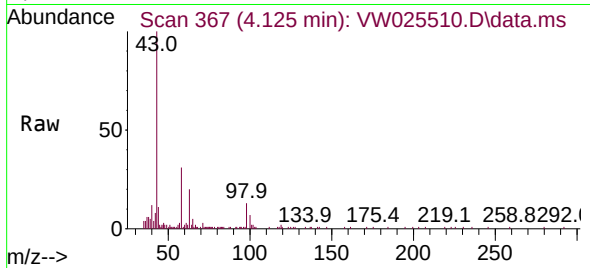




#13
Acetone
Concen: 8.616 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW025510.D
Acq: 30 Mar 2023 18:11

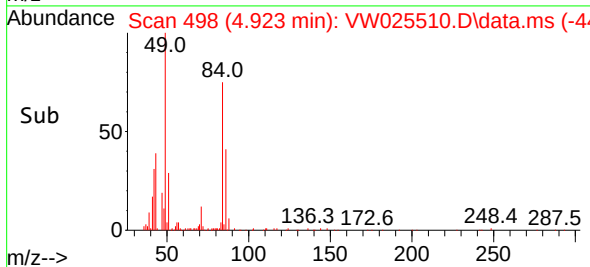
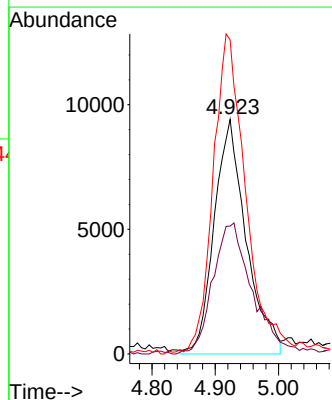
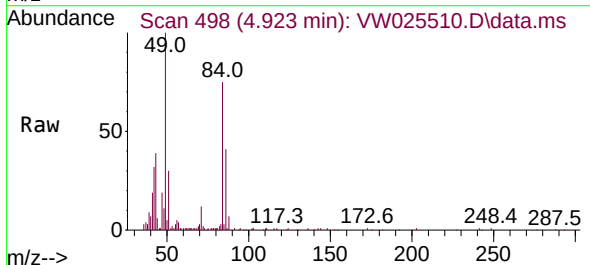
Instrument :
MSVOA_W
ClientSampleId :
C11B5

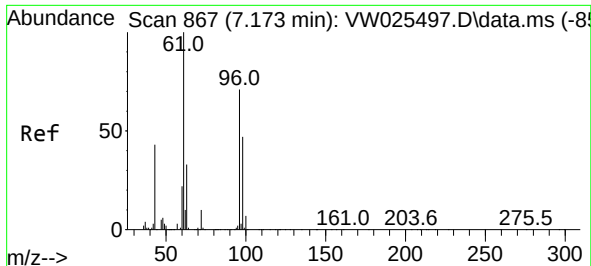
Tgt Ion: 43 Resp: 22545
Ion Ratio Lower Upper
43 100
58 27.5 0.0 60.0



#16
Methylene chloride
Concen: 3.562 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025510.D
Acq: 30 Mar 2023 18:11

Tgt Ion: 84 Resp: 33084
Ion Ratio Lower Upper
84 100
86 54.5 45.1 83.7
49 133.9 94.7 175.9

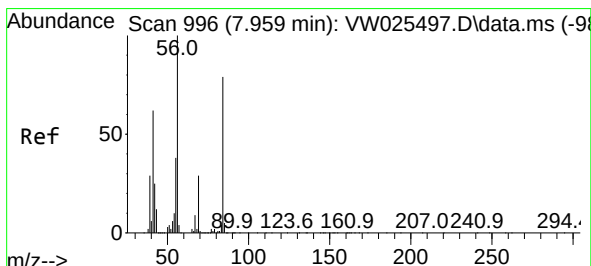
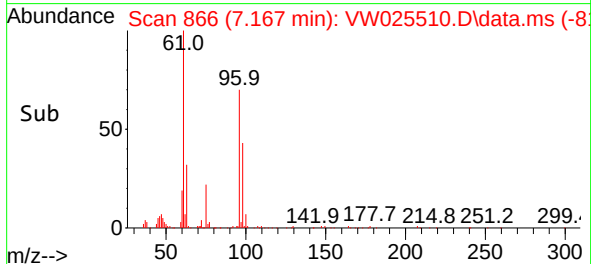
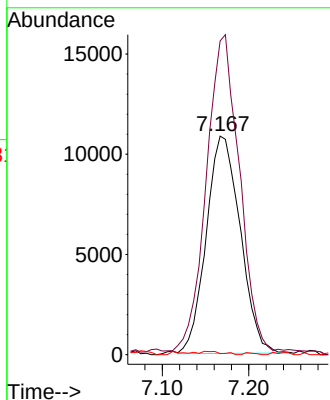
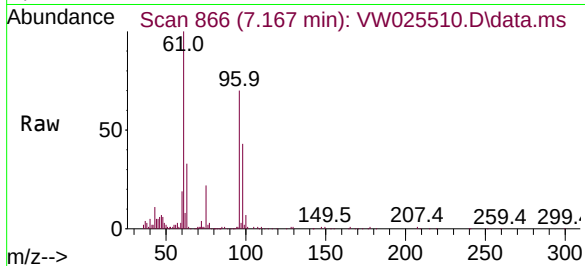




#20
 cis-1,2-Dichloroethene
 Concen: 3.103 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW025510.D
 Acq: 30 Mar 2023 18:11

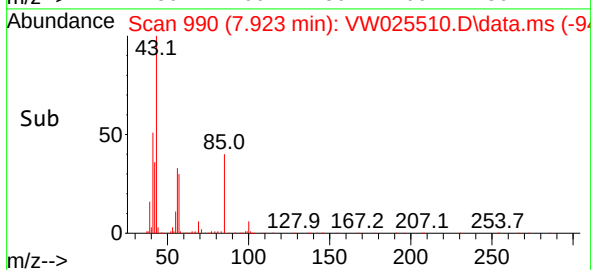
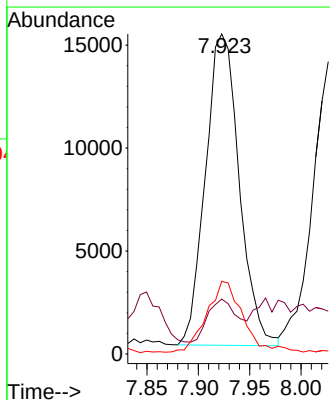
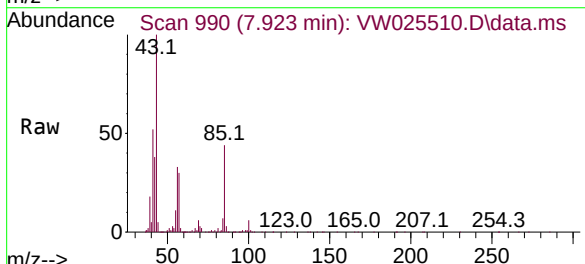
Instrument :
 MSVOA_W
 ClientSampleId :
 C11B5

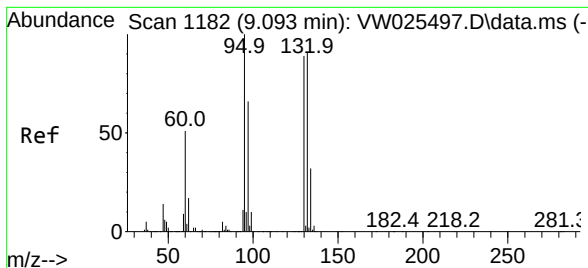
Tgt Ion: 96 Resp: 29617
 Ion Ratio Lower Upper
 96 100
 61 143.5 95.5 177.4
 68 0.5 0.1 0.1#



#29
 Cyclohexane
 Concen: 3.145 ug/L
 RT: 7.923 min Scan# 990
 Delta R.T. -0.037 min
 Lab File: VW025510.D
 Acq: 30 Mar 2023 18:11

Tgt Ion: 56 Resp: 34607
 Ion Ratio Lower Upper
 56 100
 69 12.3 23.1 34.7#
 84 23.4 63.9 95.9#





#34

Trichloroethene

Concen: 4.858 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025510.D

Acq: 30 Mar 2023 18:11

Instrument :

MSVOA_W

ClientSampleId :

C11B5

Tgt Ion: 95 Resp: 31781

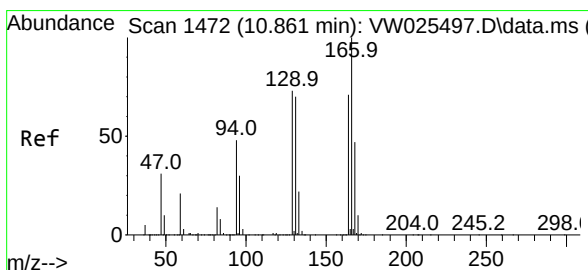
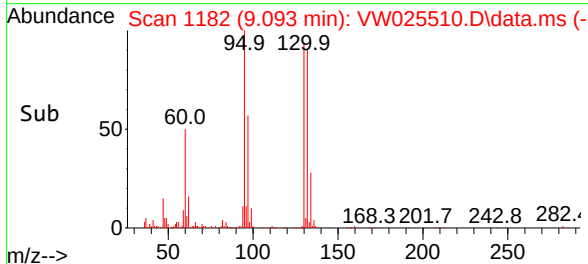
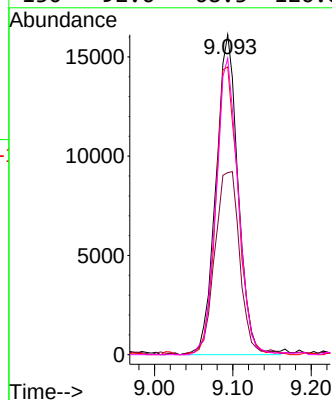
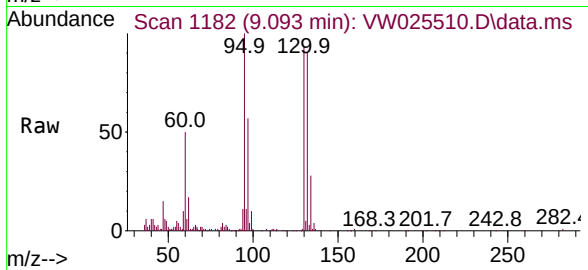
Ion Ratio Lower Upper

95 100

97 56.9 43.8 81.4

132 89.9 65.9 122.3

130 92.6 68.3 126.8



#46

Tetrachloroethene

Concen: 358.889 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW025510.D

Acq: 30 Mar 2023 18:11

Tgt Ion:164 Resp: 1670561

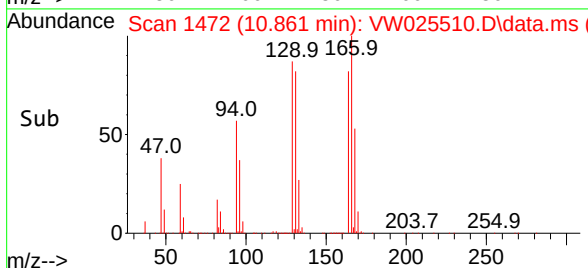
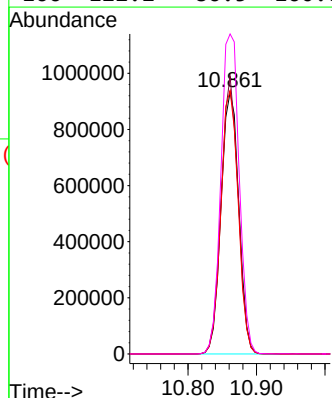
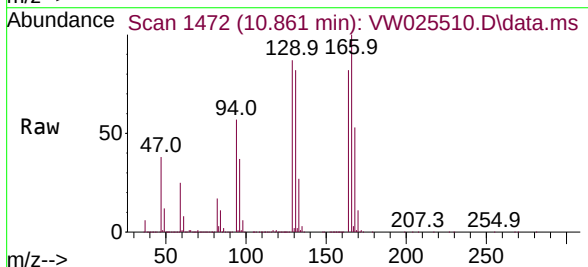
Ion Ratio Lower Upper

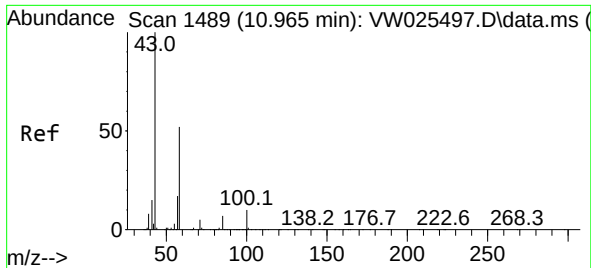
164 100

129 105.9 67.7 125.7

131 100.5 67.0 124.4

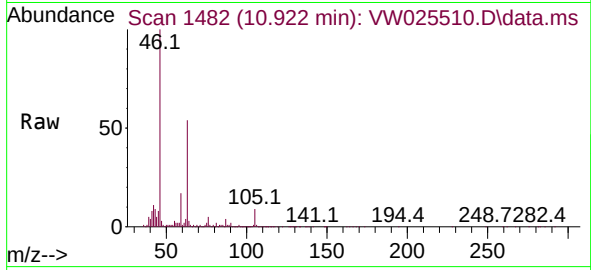
166 122.2 86.5 160.7





#48
 2-Hexanone
 Concen: 6.693 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW025510.D
 Acq: 30 Mar 2023 18:11

Instrument :
 MSVOA_W
 ClientSampleId :
 C11B5



Tgt Ion: 43	Resp: 19856
Ion Ratio	Lower Upper
43	100
58	17.5 41.2 61.8#
57	41.7 14.2 21.4#
100	0.6 8.5 12.7#

