

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024009.D
 Acq On : 22 Jul 2022 15:59
 Operator : SY/VA
 Sample : N3743-14RE
 Misc : 6.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 22 23:13:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 22 23:08:43 2022
 Response via : Initial Calibration

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

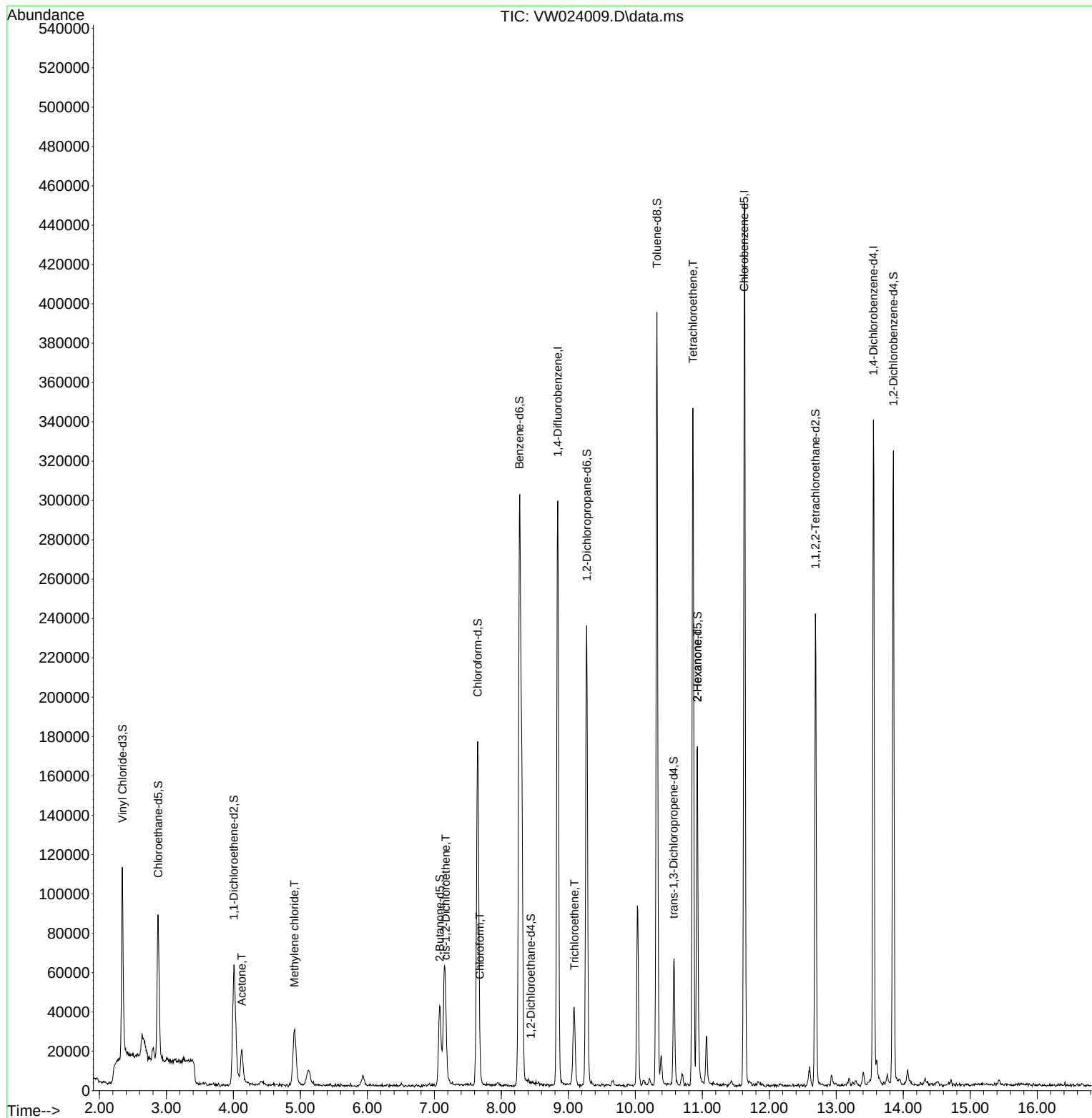
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	235041	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	231220	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	81152	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	104007	17.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.320%
7) Chloroethane-d5	2.879	69	87598	21.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.480%
11) 1,1-Dichloroethene-d2	4.007	63	64254	13.144	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.560%
21) 2-Butanone-d5	7.080	46	66356	71.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.520%#
24) Chloroform-d	7.647	84	168569	24.633	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.520%
26) 1,2-Dichloroethane-d4	8.439	65	137	0.033	ug/L	0.14
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.269	84	291202	24.227	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.920%
36) 1,2-Dichloropropane-d6	9.275	67	100709	27.816	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.280%
41) Toluene-d8	10.323	98	246938	20.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	10.573	79	33890	19.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.880%
47) 2-Hexanone-d5	10.927	63	52864	69.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.880%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	109317	27.322	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	76603	26.443	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.760%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	28899	43.897	ug/L	90
16) Methylene chloride	4.909	84	23258	6.328	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	6154	1.838	ug/L #	85
25) Chloroform	7.677	83	4245	0.661	ug/L	99
34) Trichloroethene	9.092	95	10402	2.998	ug/L	90
46) Tetrachloroethene	10.860	164	68981	25.711	ug/L	96
48) 2-Hexanone	10.927	43	8758	5.248	ug/L #	68

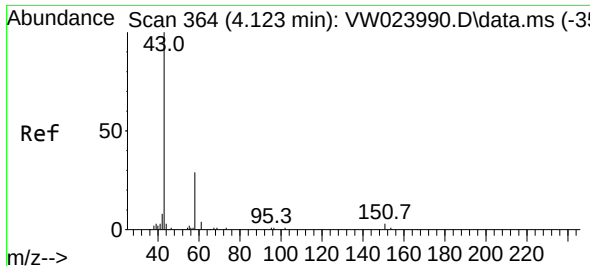
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jul 22 23:08:43 2022
Response via : Initial Calibration

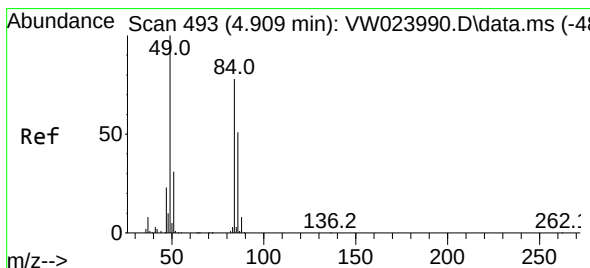
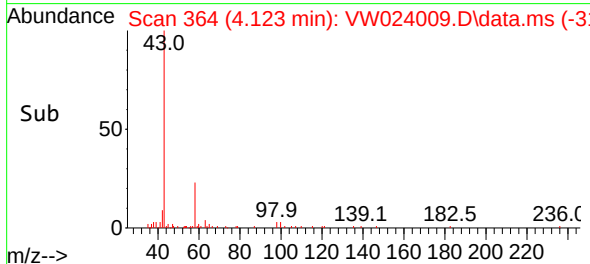
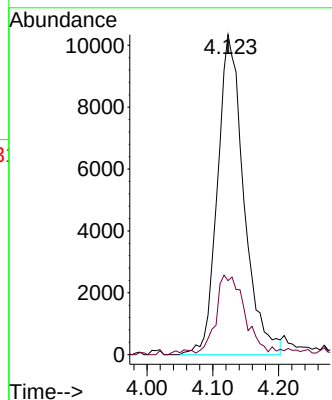
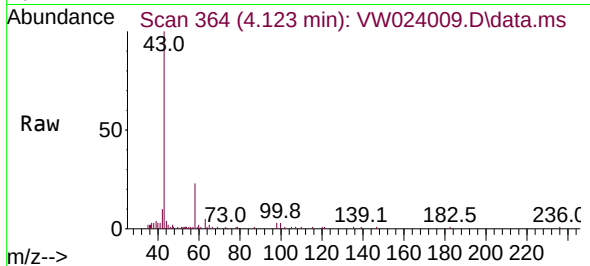




#13
Acetone
Concen: 43.897 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW024009.D
Acq: 22 Jul 2022 15:59

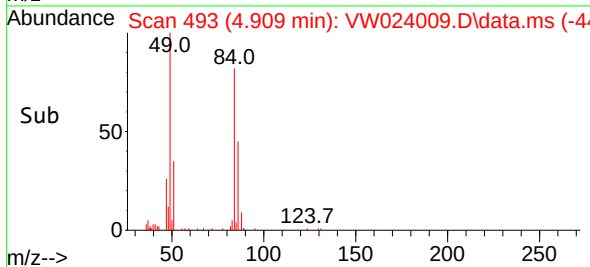
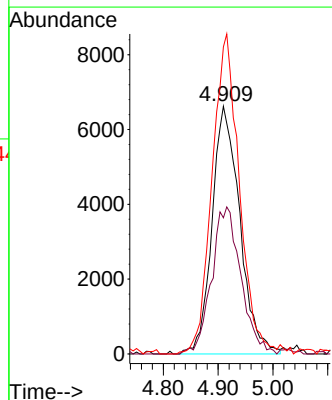
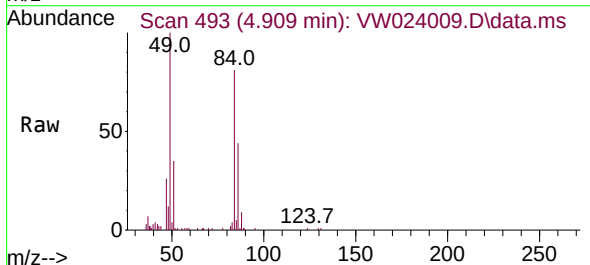
Instrument :
MSVOA_W
ClientSampleId :

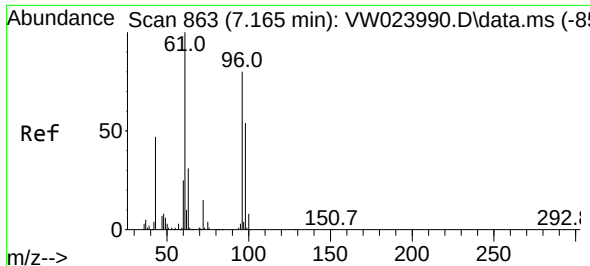
Tgt Ion: 43 Resp: 28899
Ion Ratio Lower Upper
43 100
58 26.8 0.0 64.2



#16
Methylene chloride
Concen: 6.328 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024009.D
Acq: 22 Jul 2022 15:59

Tgt Ion: 84 Resp: 23258
Ion Ratio Lower Upper
84 100
86 55.0 42.8 79.6
49 124.0 85.4 158.6

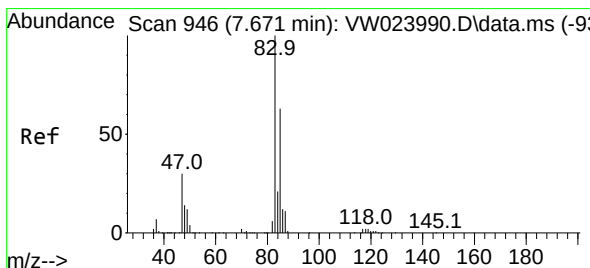
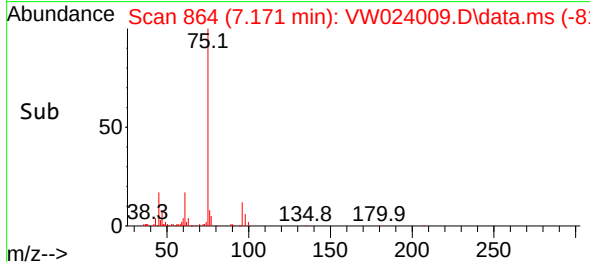
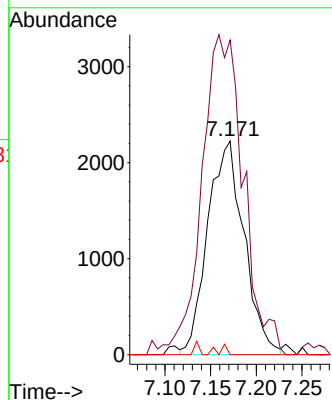
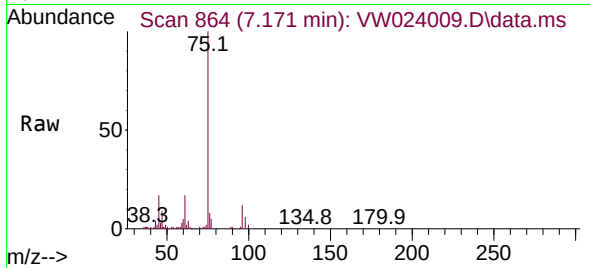




#20
 cis-1,2-Dichloroethene
 Concen: 1.838 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW024009.D
 Acq: 22 Jul 2022 15:59

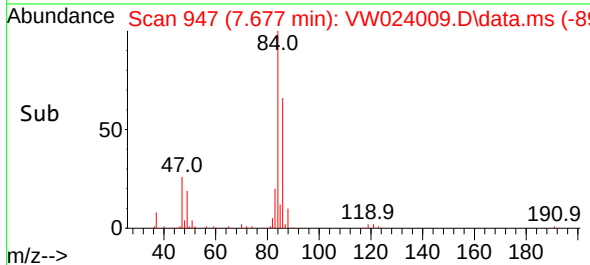
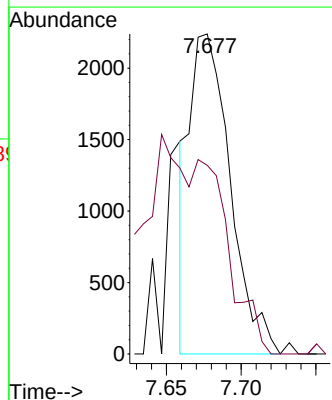
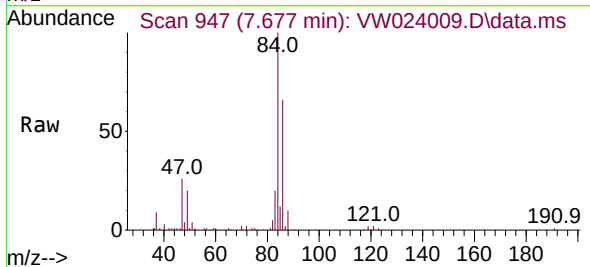
Instrument :
 MSVOA_W
 ClientSampleId :

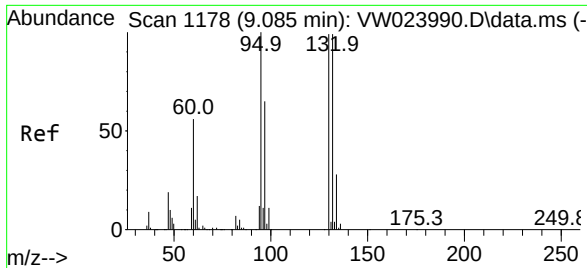
Tgt Ion: 96 Resp: 6154
 Ion Ratio Lower Upper
 96 100
 61 147.3 90.6 168.2
 68 0.0 0.2 0.4#



#25
 Chloroform
 Concen: 0.661 ug/L
 RT: 7.677 min Scan# 947
 Delta R.T. 0.006 min
 Lab File: VW024009.D
 Acq: 22 Jul 2022 15:59

Tgt Ion: 83 Resp: 4245
 Ion Ratio Lower Upper
 83 100
 85 59.0 41.9 77.9





#34

Trichloroethene

Concen: 2.998 ug/L

RT: 9.092 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VW024009.D

Acq: 22 Jul 2022 15:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 10402

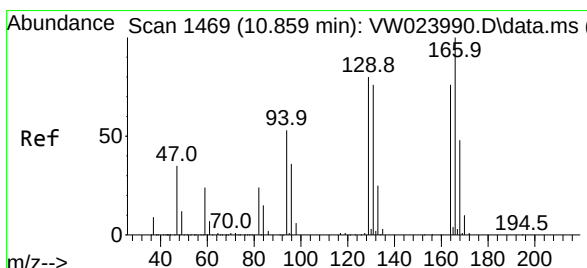
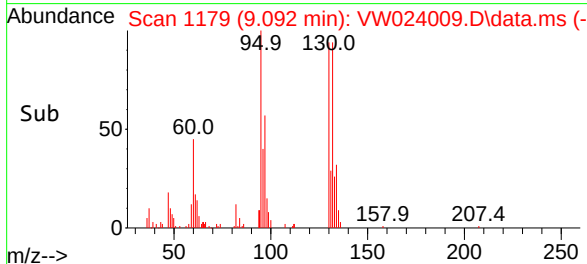
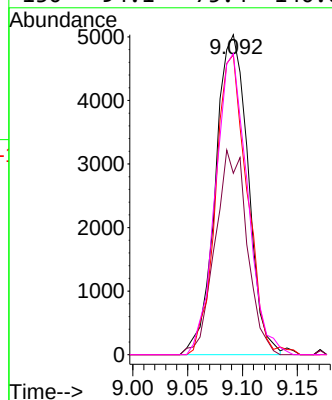
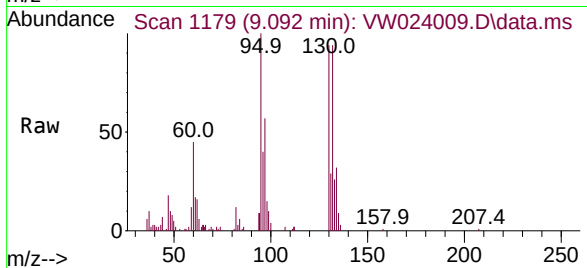
Ion Ratio Lower Upper

95 100

97 56.7 45.6 84.8

132 93.7 69.9 129.7

130 94.1 75.4 140.0



#46

Tetrachloroethene

Concen: 25.711 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024009.D

Acq: 22 Jul 2022 15:59

Tgt Ion: 164 Resp: 68981

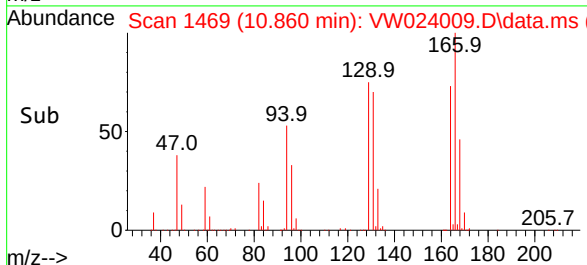
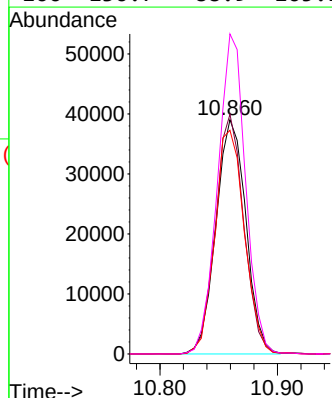
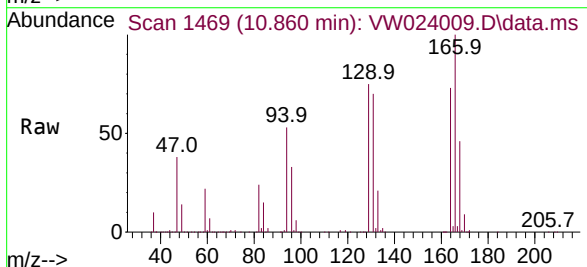
Ion Ratio Lower Upper

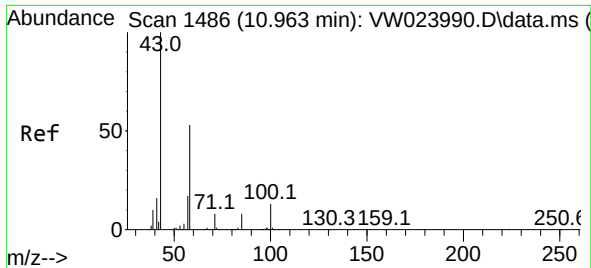
164 100

129 102.4 72.4 134.5

131 95.6 67.8 125.8

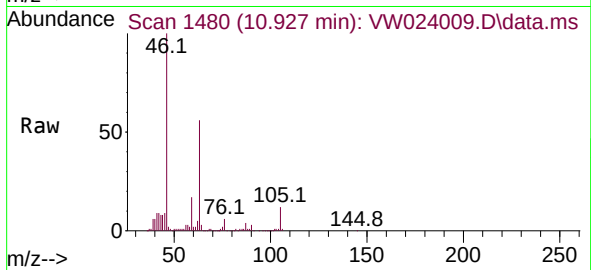
166 136.7 88.9 165.1





#48
 2-Hexanone
 Concen: 5.248 ug/L
 RT: 10.927 min Scan# 14
 Delta R.T. -0.036 min
 Lab File: VW024009.D
 Acq: 22 Jul 2022 15:59

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp:	8758
Ion	Ratio	Lower Upper
43	100	
58	27.0	41.6 62.4#
57	31.4	14.6 21.8#
100	4.2	10.6 15.8#

