

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023908.D
 Acq On : 20 Jul 2022 01:46
 Operator : SY/VA
 Sample : N3743-13
 Misc : 6.33g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5D11

Quant Time: Jul 20 03:02:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 02:42:08 2022
 Response via : Initial Calibration

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

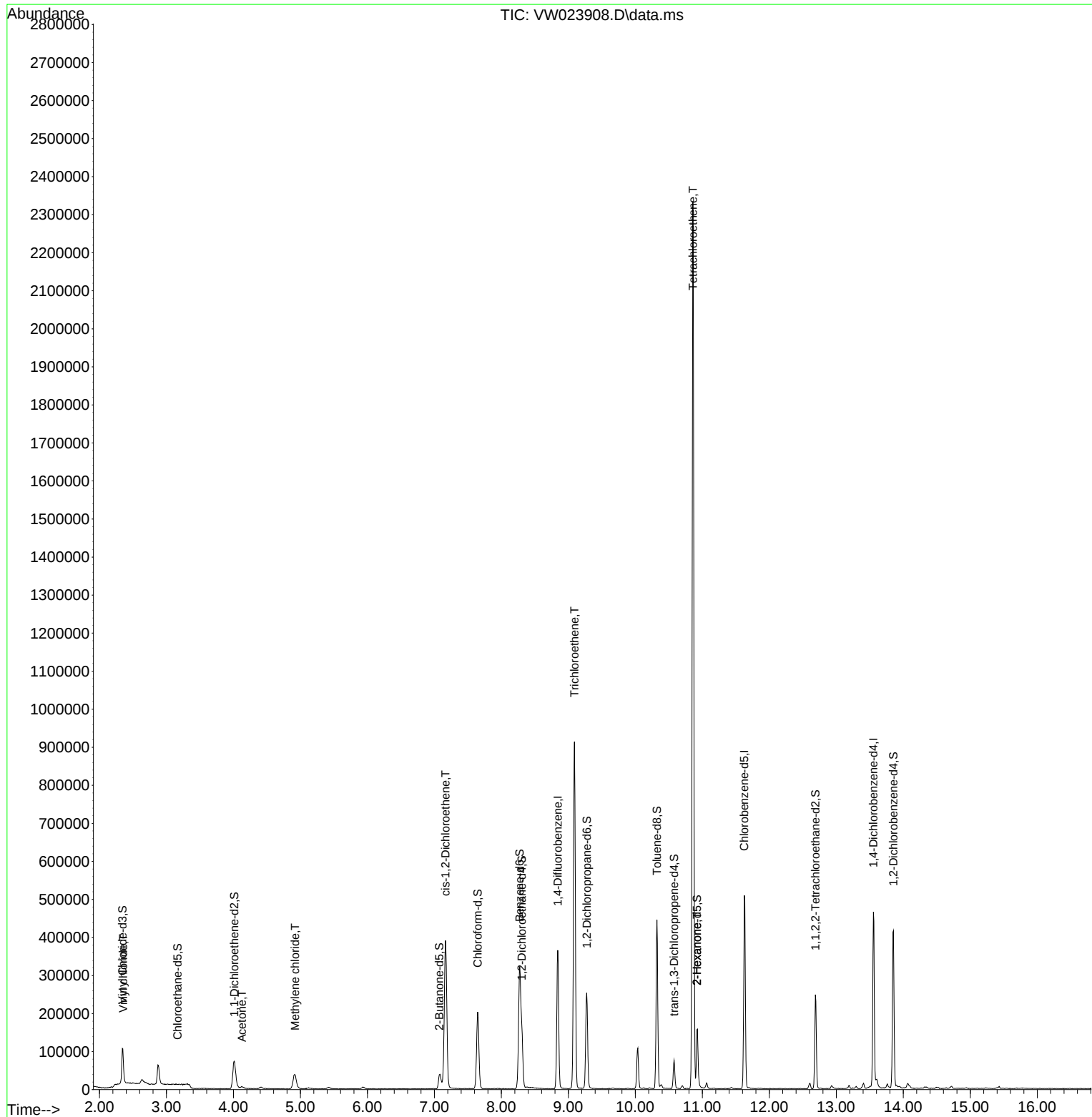
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	296079	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	274793	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	113897	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	85519	11.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.240%
7) Chloroethane-d5	3.166	69	403	0.080	ug/L	0.29
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.320%#
11) 1,1-Dichloroethene-d2	4.013	63	75411	12.246	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.000%
21) 2-Butanone-d5	7.074	46	63666	54.278	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.560%
24) Chloroform-d	7.647	84	195705	22.703	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	8.305	65	110005	20.865	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.480%
32) Benzene-d6	8.275	84	324109	22.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.760%
36) 1,2-Dichloropropane-d6	9.274	67	112276	26.094	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.360%
41) Toluene-d8	10.323	98	286612	19.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.120%
43) trans-1,3-Dichloroprop...	10.579	79	39354	19.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.040%
47) 2-Hexanone-d5	10.920	63	52663	58.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.400%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	116958	24.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	105459	25.938	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.760%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.355	62	15236	1.801	ug/L #	77
13) Acetone	4.129	43	7142	8.612	ug/L	93
16) Methylene chloride	4.921	84	32383	6.994	ug/L	93
20) cis-1,2-Dichloroethene	7.165	96	227311	53.881	ug/L #	94
34) Trichloroethene	9.091	95	300459	72.863	ug/L	95
46) Tetrachloroethene	10.859	164	467863	146.734	ug/L	94
48) 2-Hexanone	10.920	43	9079	4.577	ug/L #	66

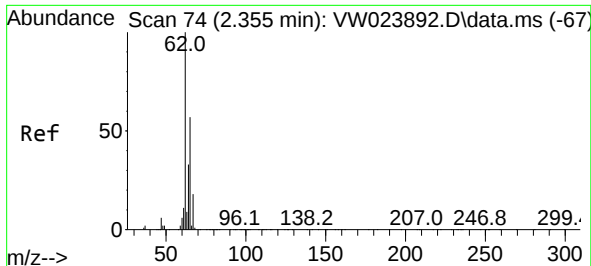
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jul 20 02:42:08 2022
Response via : Initial Calibration

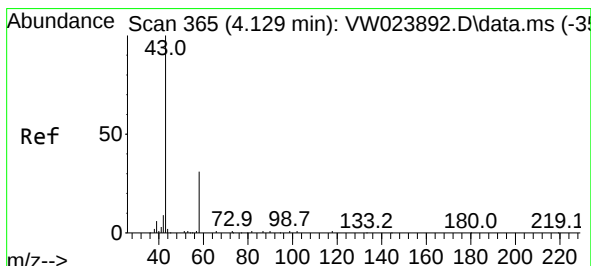
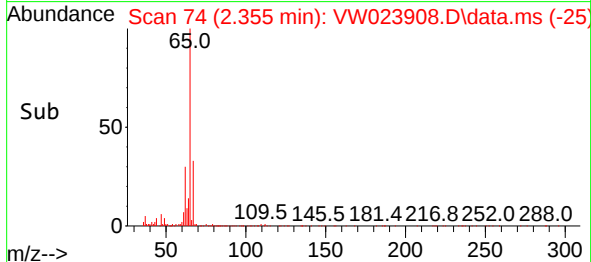
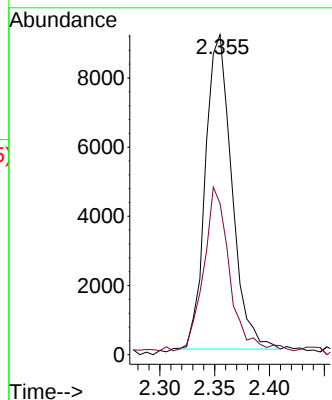
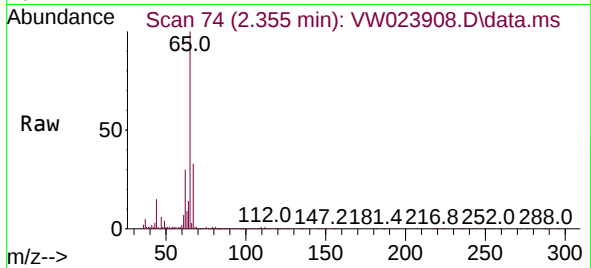




#5
 Vinyl chloride
 Concen: 1.801 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023908.D
 Acq: 20 Jul 2022 01:46

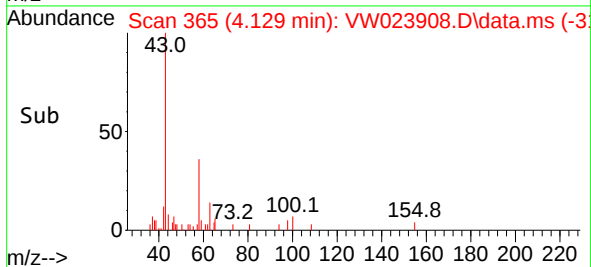
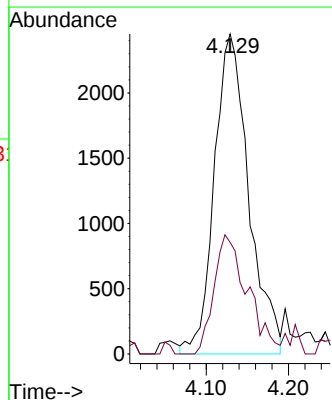
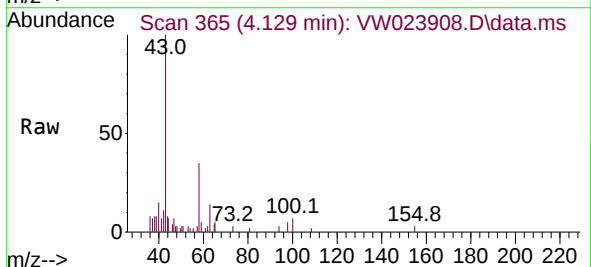
Instrument :
 MSVOA_W
 ClientSampleId :
 F5D11

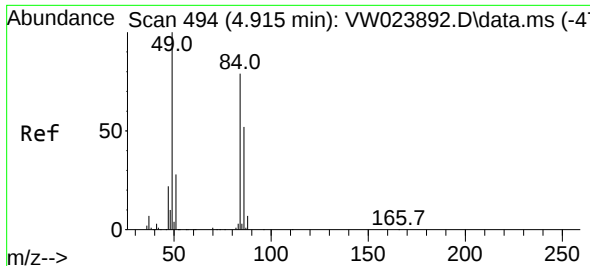
Tgt Ion: 62 Resp: 15236
 Ion Ratio Lower Upper
 62 100
 64 47.2 24.0 44.6#



#13
 Acetone
 Concen: 8.612 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.000 min
 Lab File: VW023908.D
 Acq: 20 Jul 2022 01:46

Tgt Ion: 43 Resp: 7142
 Ion Ratio Lower Upper
 43 100
 58 28.0 0.0 64.2

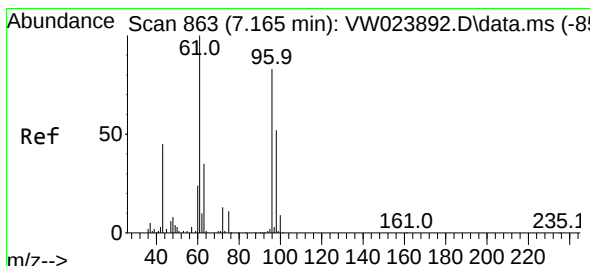
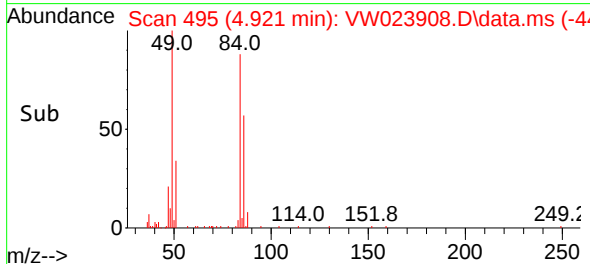
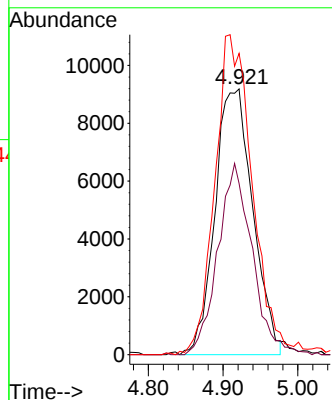
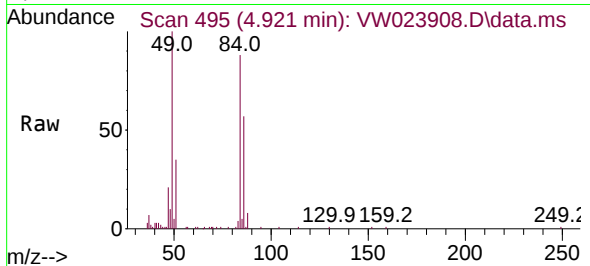




#16
Methylene chloride
Concen: 6.994 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023908.D
Acq: 20 Jul 2022 01:46

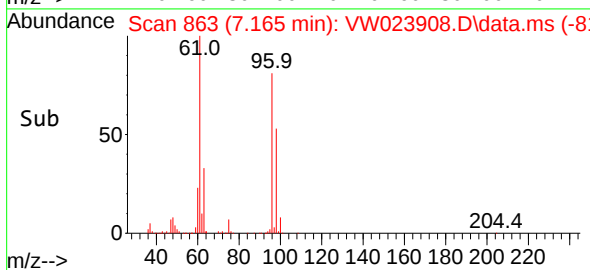
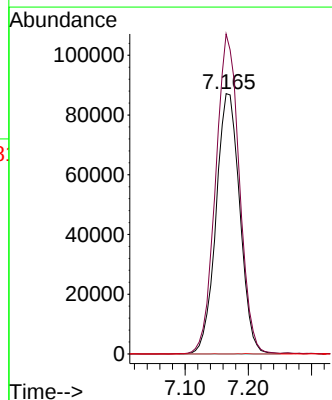
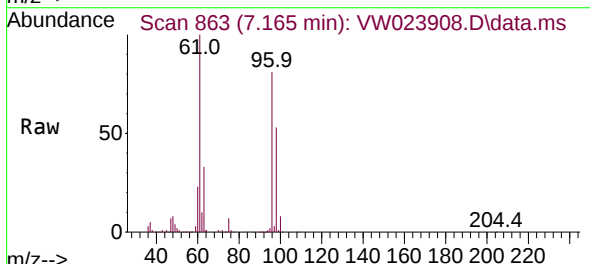
Instrument :
MSVOA_W
ClientSampleId :
F5D11

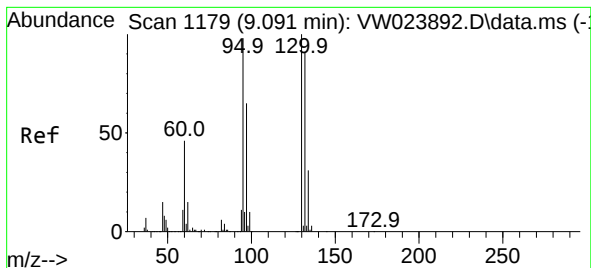
Tgt Ion: 84 Resp: 32383
Ion Ratio Lower Upper
84 100
86 64.4 42.8 79.6
49 113.4 85.4 158.6



#20
cis-1,2-Dichloroethene
Concen: 53.881 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW023908.D
Acq: 20 Jul 2022 01:46

Tgt Ion: 96 Resp: 227311
Ion Ratio Lower Upper
96 100
61 122.9 90.6 168.2
68 0.0 0.2 0.4





#34

Trichloroethene

Concen: 72.863 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023908.D

Acq: 20 Jul 2022 01:46

Instrument :

MSVOA_W

ClientSampleId :

F5D11

Tgt Ion: 95 Resp: 300459

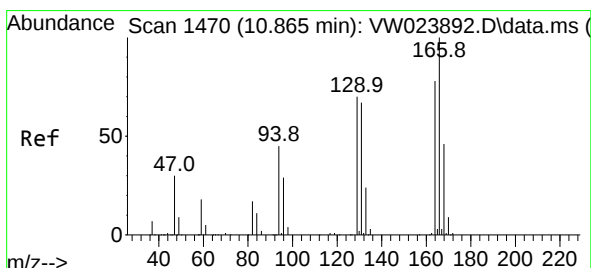
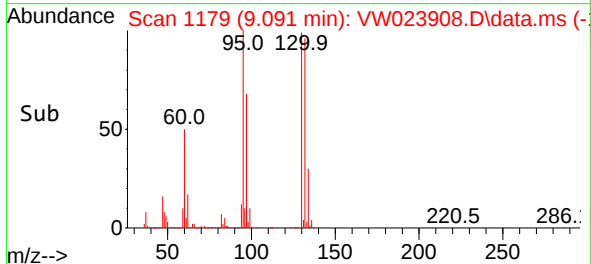
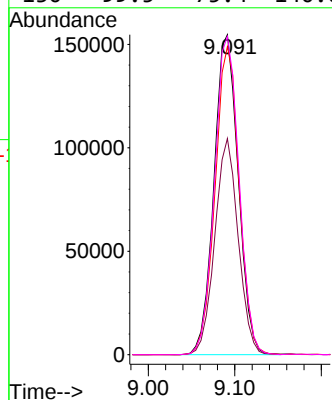
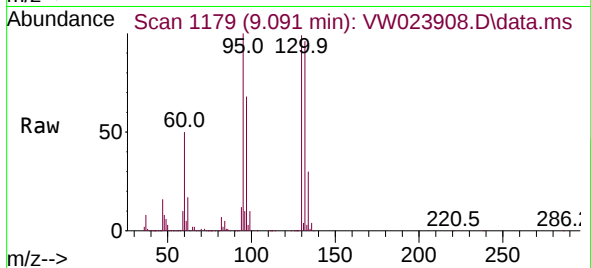
Ion Ratio Lower Upper

95 100

97 67.5 45.6 84.8

132 96.3 69.9 129.7

130 99.5 75.4 140.0



#46

Tetrachloroethene

Concen: 146.734 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW023908.D

Acq: 20 Jul 2022 01:46

Tgt Ion:164 Resp: 467863

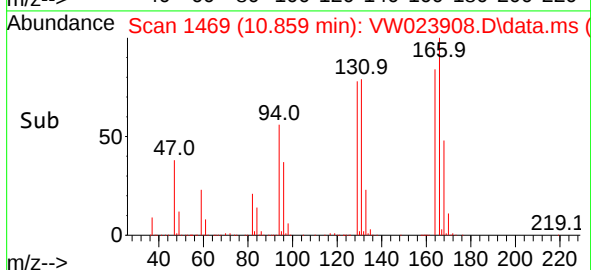
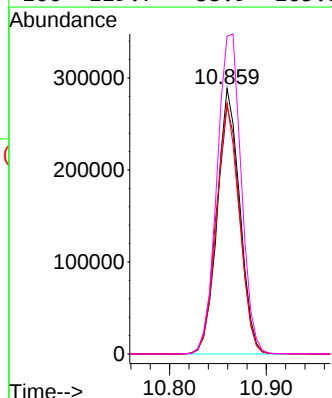
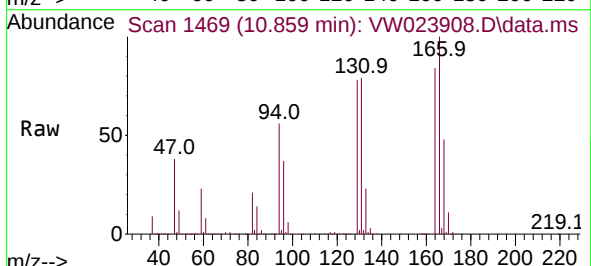
Ion Ratio Lower Upper

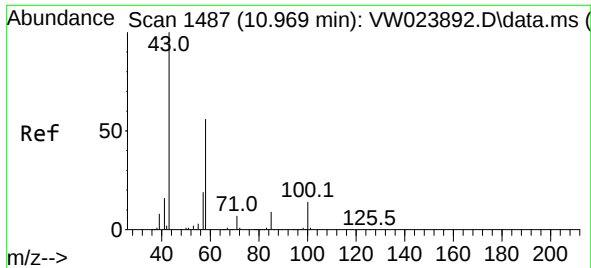
164 100

129 93.4 72.4 134.5

131 94.5 67.8 125.8

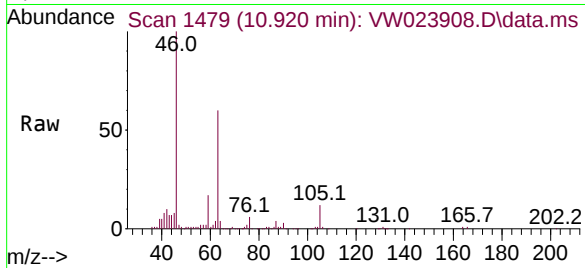
166 119.7 88.9 165.1





#48
 2-Hexanone
 Concen: 4.577 ug/L
 RT: 10.920 min Scan# 14
 Delta R.T. -0.049 min
 Lab File: VW023908.D
 Acq: 20 Jul 2022 01:46

Instrument :
 MSVOA_W
 ClientSampleId :
 F5D11



Tgt Ion: 43 Resp: 9079
 Ion Ratio Lower Upper
 43 100
 58 22.0 41.6 62.4#
 57 22.0 14.6 21.8#
 100 0.2 10.6 15.8#

