

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW023998.D
 Acq On : 22 Jul 2022 11:29
 Operator : SY/VA
 Sample : N3738-03RE
 Misc : 5.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 22 23:11:37 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)

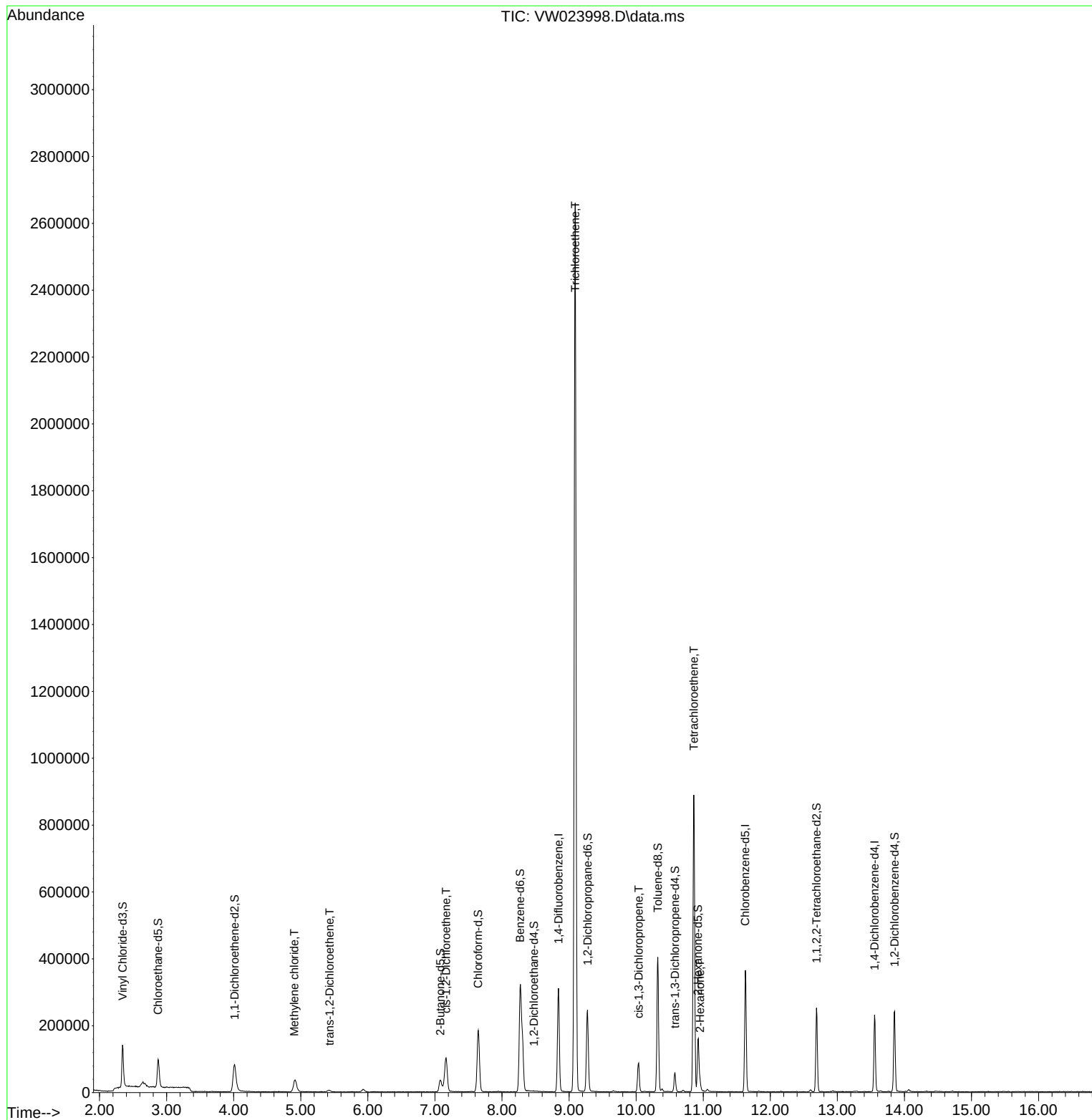
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	241340	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	190478	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	53978	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	135534	21.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.960%
7) Chloroethane-d5	2.873	69	98796	24.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.120%
11) 1,1-Dichloroethene-d2	4.013	63	86232	17.180	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.720%
21) 2-Butanone-d5	7.080	46	53294	55.741	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.480%
24) Chloroform-d	7.641	84	180969	25.755	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.040%
26) 1,2-Dichloroethane-d4	8.476	65	111	0.026	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.269	84	318486	32.165	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.640%
36) 1,2-Dichloropropane-d6	9.274	67	105374	35.330	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.320%#
41) Toluene-d8	10.323	98	255028	25.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.560%
43) trans-1,3-Dichloroprop...	10.579	79	29616	21.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.921	63	49053	78.213	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.420%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115155	34.937	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.760%#
66) 1,2-Dichlorobenzene-d4	13.853	152	58954	30.595	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.400%#
Target Compounds						Qvalue
16) Methylene chloride	4.903	84	28734	7.614	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	2810	0.905	ug/L	85
20) cis-1,2-Dichloroethene	7.165	96	52844	15.367	ug/L #	94
34) Trichloroethene	9.092	95	851891	298.035	ug/L	90
39) cis-1,3-Dichloropropene	10.037	75	2929	0.716	ug/L #	80
46) Tetrachloroethene	10.860	164	173553	78.525	ug/L	91
48) 2-Hexanone	10.951	43	19116	13.904	ug/L #	40

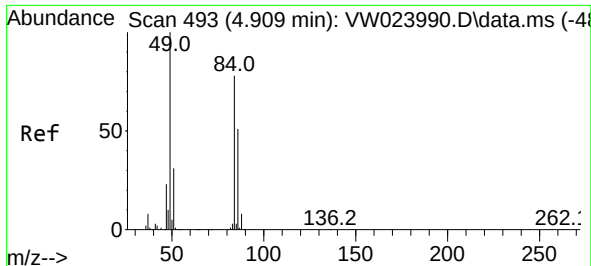
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

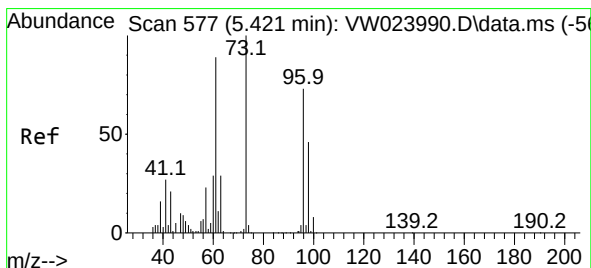
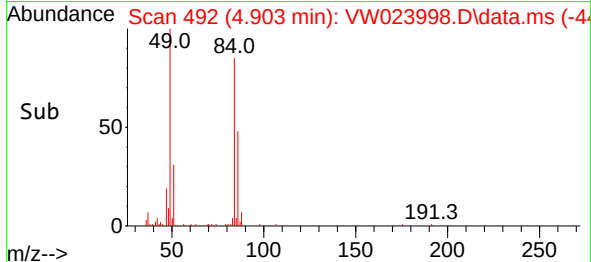
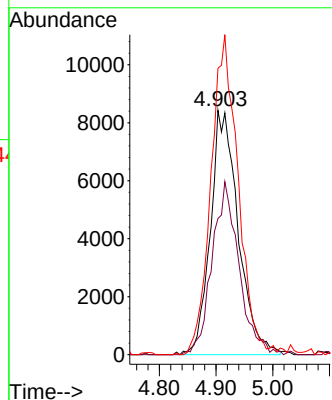
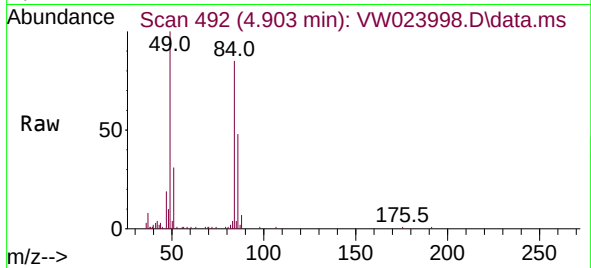




#16
Methylene chloride
Concen: 7.614 ug/L
RT: 4.903 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW023998.D
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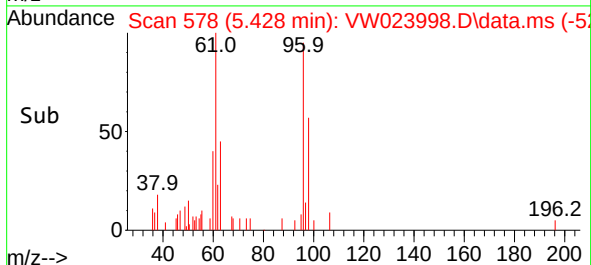
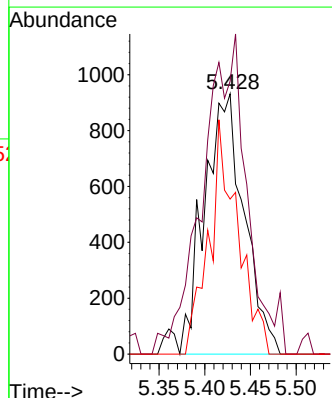
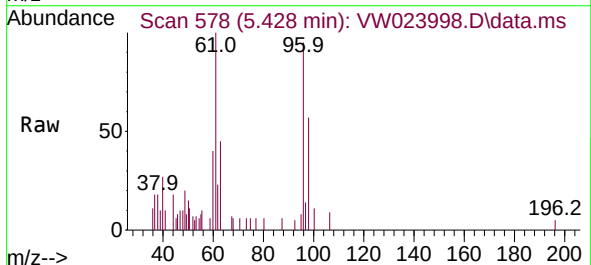
Instrument :
MSVOA_W
ClientSampleId :

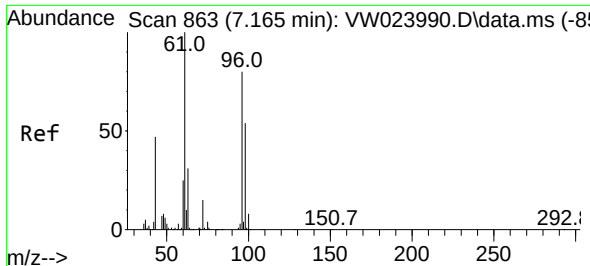
Tgt Ion: 84 Resp: 28734
Ion Ratio Lower Upper
84 100
86 55.7 42.8 79.6
49 117.3 85.4 158.6



#17
trans-1,2-Dichloroethene
Concen: 0.905 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023998.D
Acq: 22 Jul 2022 11:29

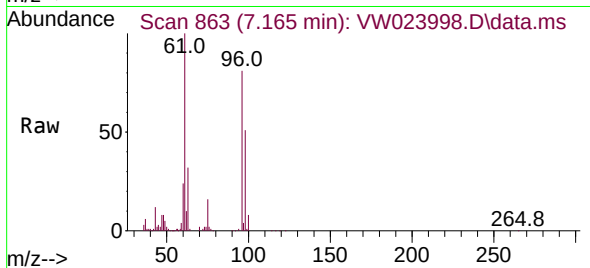
Tgt Ion: 96 Resp: 2810
Ion Ratio Lower Upper
96 100
61 104.8 90.8 168.6
98 59.5 42.8 79.6



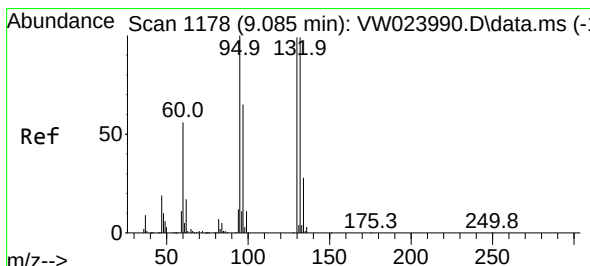
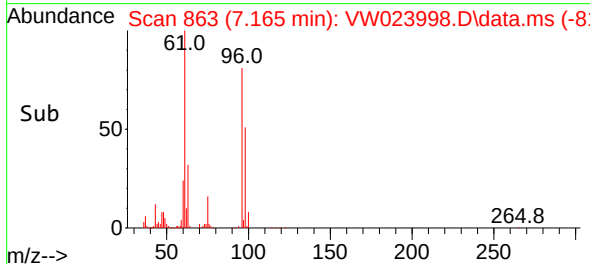
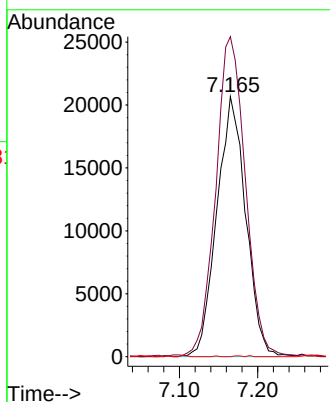


#20
 cis-1,2-Dichloroethene
 Concen: 15.367 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023998.D
 Acq: 22 Jul 2022 11:29

Instrument :
 MSVOA_W
 ClientSampleId :

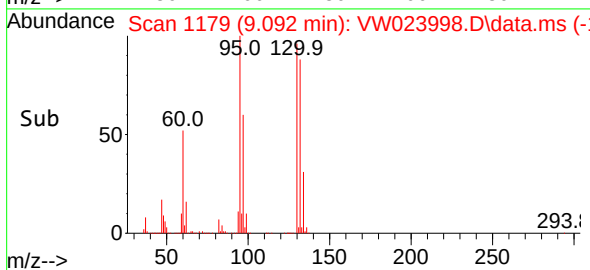
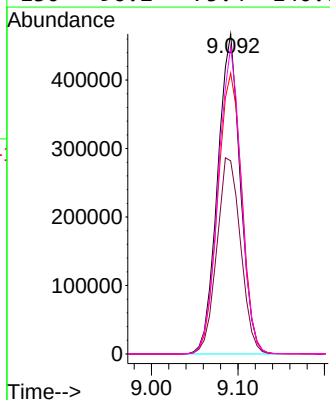
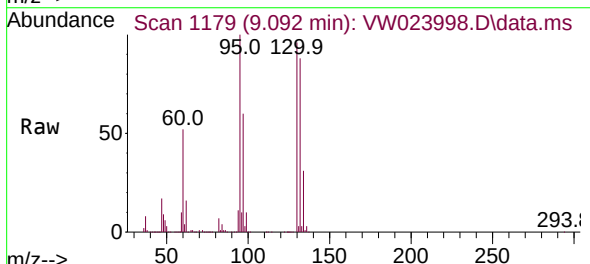


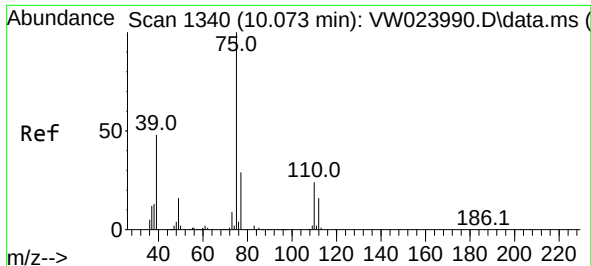
Tgt Ion: 96 Resp: 52844
 Ion Ratio Lower Upper
 96 100
 61 123.0 90.6 168.2
 68 0.0 0.2 0.4#



#34
 Trichloroethene
 Concen: 298.035 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.006 min
 Lab File: VW023998.D
 Acq: 22 Jul 2022 11:29

Tgt Ion: 95 Resp: 851891
 Ion Ratio Lower Upper
 95 100
 97 60.4 45.6 84.8
 132 87.7 69.9 129.7
 130 96.2 75.4 140.0





#39

cis-1,3-Dichloropropene

Concen: 0.716 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW023998.D

Acq: 22 Jul 2022 11:29

Instrument :

MSVOA_W

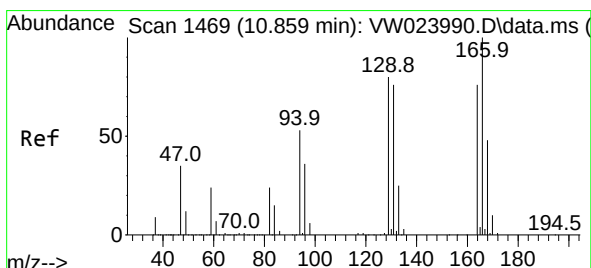
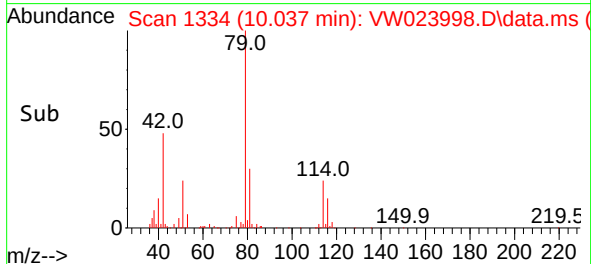
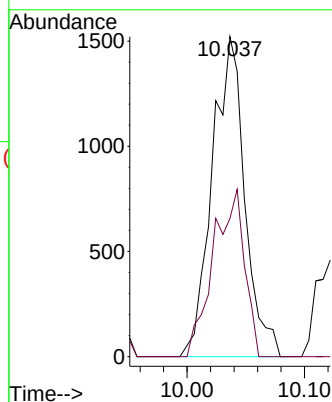
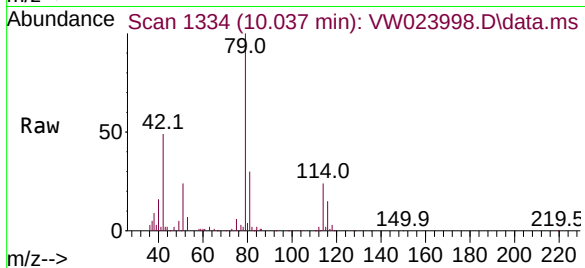
ClientSampleId :

Tgt Ion: 75 Resp: 2929

Ion Ratio Lower Upper

75 100

77 43.2 22.5 41.9#



#46

Tetrachloroethene

Concen: 78.525 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW023998.D

Acq: 22 Jul 2022 11:29

Tgt Ion:164 Resp: 173553

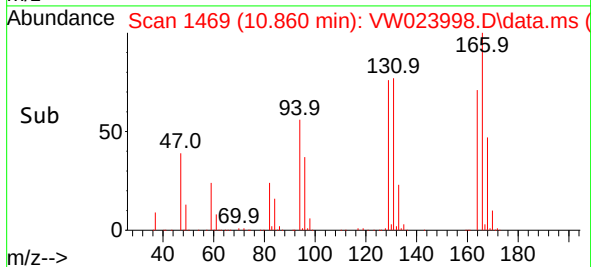
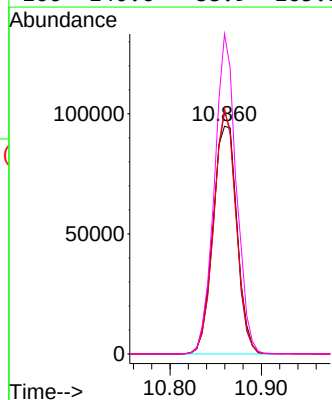
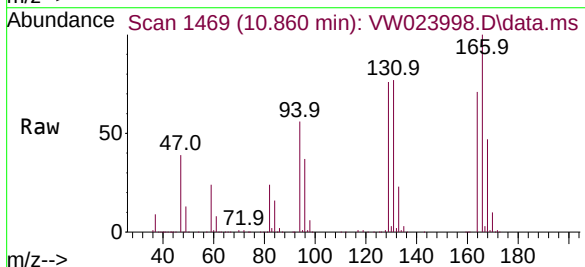
Ion Ratio Lower Upper

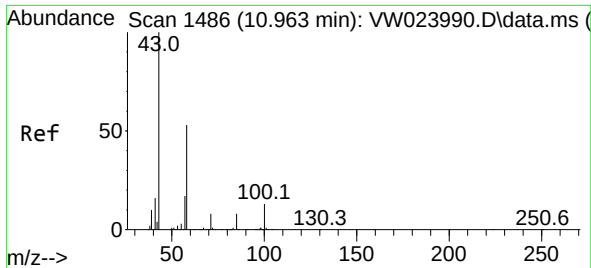
164 100

129 106.2 72.4 134.5

131 108.0 67.8 125.8

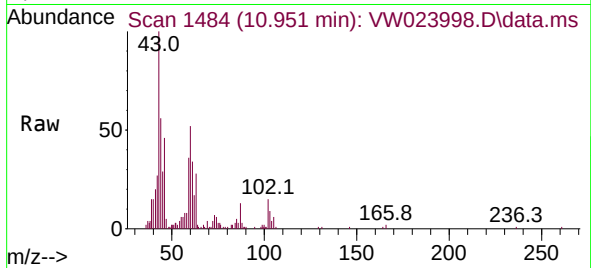
166 140.6 88.9 165.1





#48
 2-Hexanone
 Concen: 13.904 ug/L
 RT: 10.951 min Scan# 14
 Delta R.T. -0.012 min
 Lab File: VW023998.D
 Acq: 22 Jul 2022 11:29

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	43	Resp:	19116
Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.6	62.4#
57	0.0	14.6	21.8#
100	1.1	10.6	15.8#

