

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017536.D
 Acq On : 03 Dec 2020 16:22
 Operator : SY/VA
 Sample : VIBLK17
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 00:34:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	396243	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360453	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	179359	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119193	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.48%
7) Chloroethane-d5	2.89	69	95864	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.20%
10) 1,1-Dichloroethene-d2	4.03	63	198432	17.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.40%
20) 2-Butanone-d5	7.08	46	55506	50.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.00%
24) Chloroform-d	7.65	84	268084	23.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	8.31	65	138347	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.20%
29) Benzene-d6	8.28	84	520508	23.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.92%
33) 1,2-Dichloropropane-d6	9.27	67	148754	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.00%
37) Toluene-d8	10.33	98	474957	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.12%
38) trans-1,3-Dichloropropene-	10.58	79	61643	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.96%
39) 2-Hexanone-d5	10.93	63	36194	47.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108989	24.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	165145	24.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.48%

Target Compounds

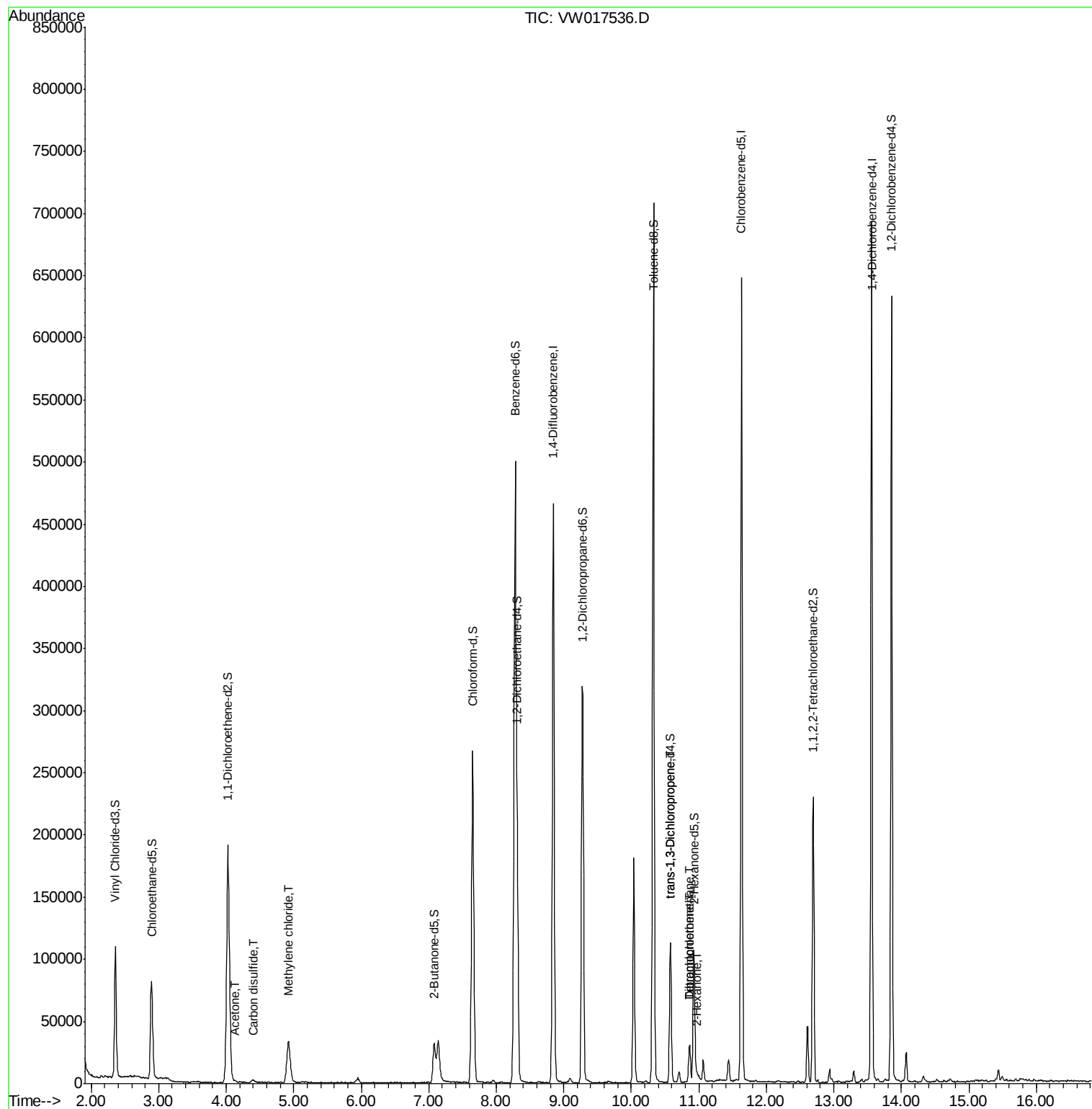
					Ovalue
13) Acetone	4.13	43	973	0.920 ug/L	90
14) Carbon disulfide	4.40	76	3446	0.219 ug/L #	95
16) Methylene chloride	4.92	84	30275	5.089 ug/L	93
45) trans-1,3-Dichloropropene	10.58	75	3251	0.481 ug/L #	69
47) Tetrachloroethene	10.87	164	6843	1.337 ug/L	89
49) 2-Hexanone	10.97	43	963	0.582 ug/L #	47
50) Dibromochloromethane	10.87	129	6623	1.391 ug/L #	11

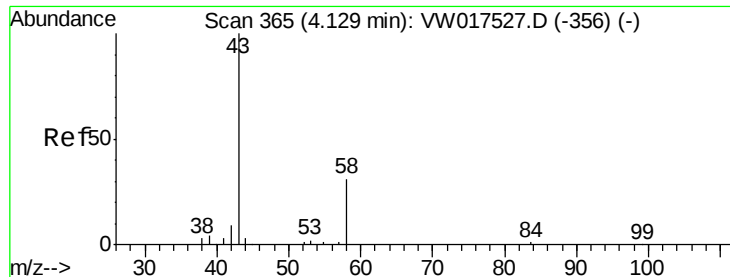
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Dec 20 00:31:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.920 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017536.D

Acq: 03 Dec 2020 16:22

Instrument :

MSVOA_W

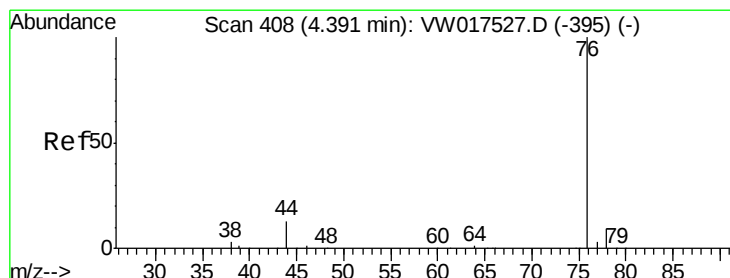
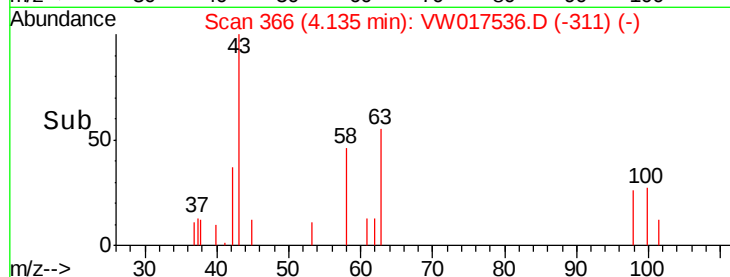
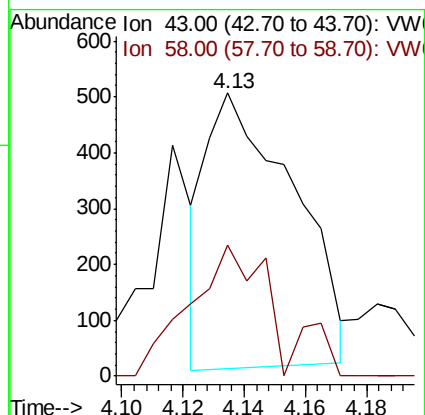
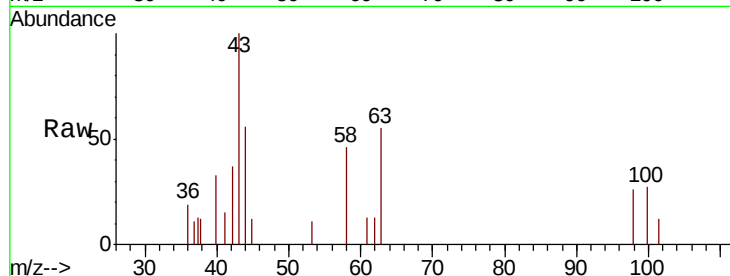
ClientSampled :

Tot Ion: 43 Resp: 973

Ion Ratio Lower Upper

43 100

58 40.0 0.0 68.4



#14

Carbon disulfide

Concen: 0.219 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW017536.D

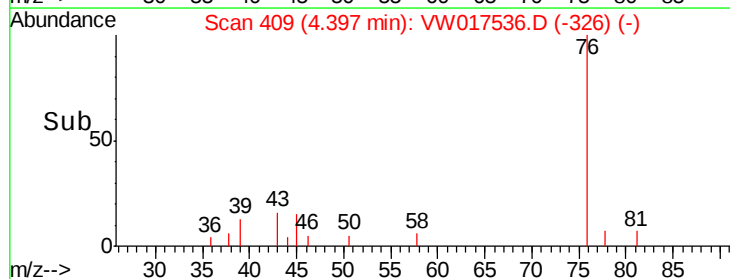
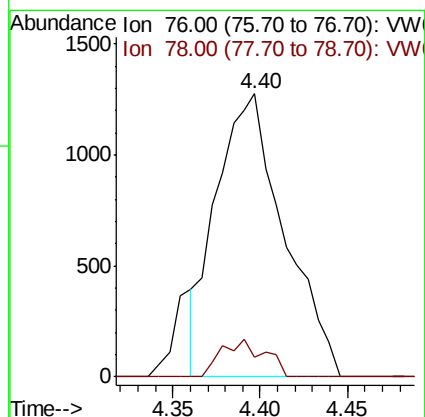
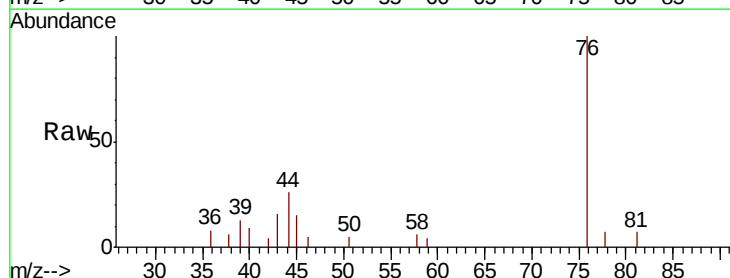
Acq: 03 Dec 2020 16:22

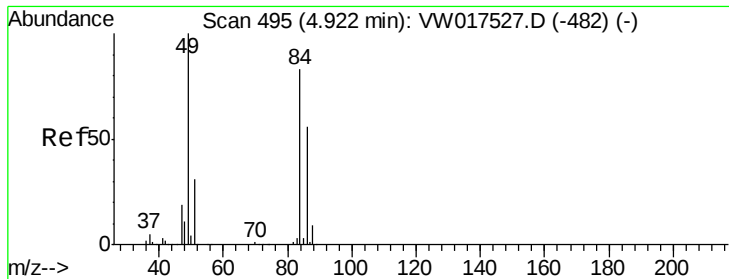
Tgt Ion: 76 Resp: 3446

Ion Ratio Lower Upper

76 100

78 6.9 7.0 10.4#

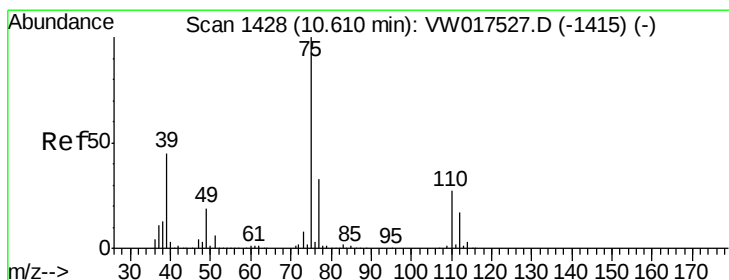
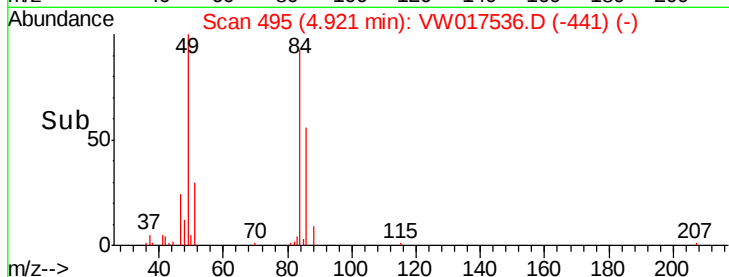
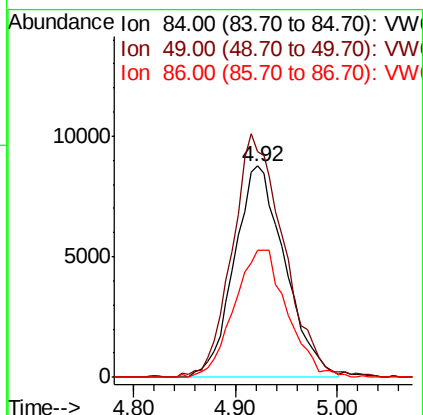
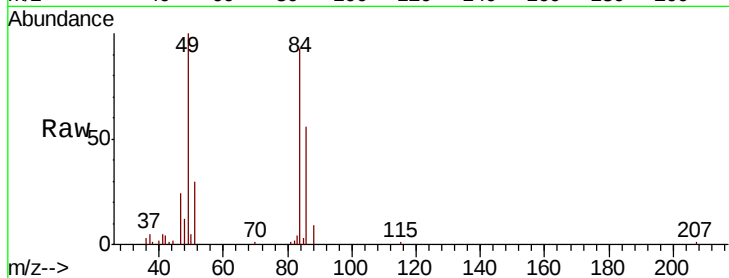




#16
Methylene chloride
Concen: 5.089 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017536.D
Acq: 03 Dec 2020 16:22

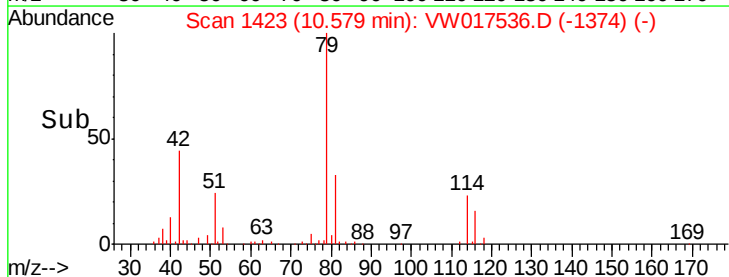
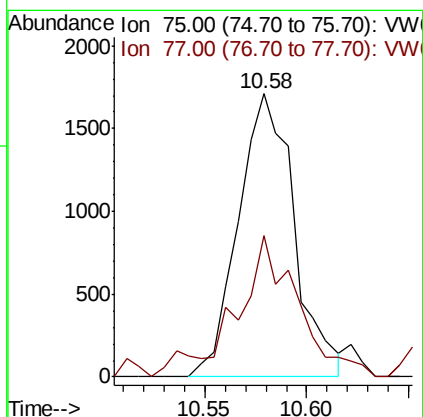
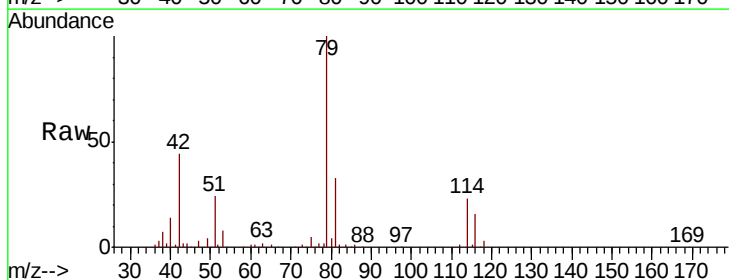
Instrument :
MSVOA_W
ClientSampleId :

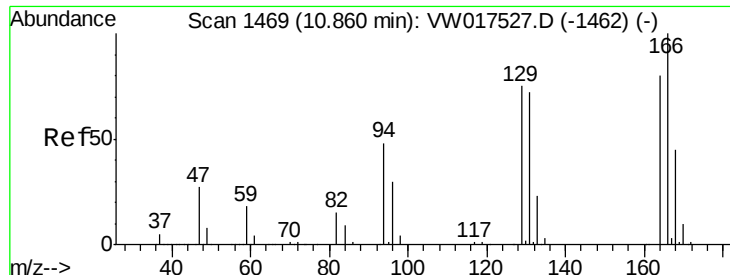
Tot Ion: 84 Resp: 30275
Ion Ratio Lower Upper
84 100
49 107.0 81.2 150.8
86 60.2 44.5 82.7



#45
trans-1,3-Dichloropropene
Concen: 0.481 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017536.D
Acq: 03 Dec 2020 16:22

Tgt Ion: 75 Resp: 3251
Ion Ratio Lower Upper
75 100
77 49.8 22.6 42.0#





#47

Tetrachloroethene

Concen: 1.337 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017536.D

Acq: 03 Dec 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 6843

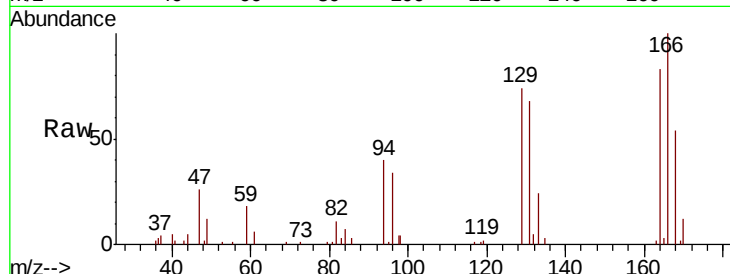
Ion Ratio Lower Upper

164 100

129 88.7 67.6 125.6

131 81.4 65.2 121.2

166 119.8 93.2 173.2

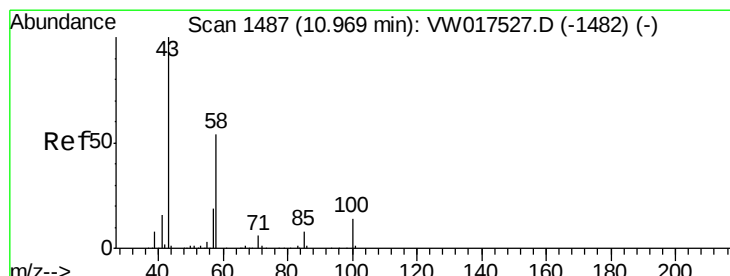
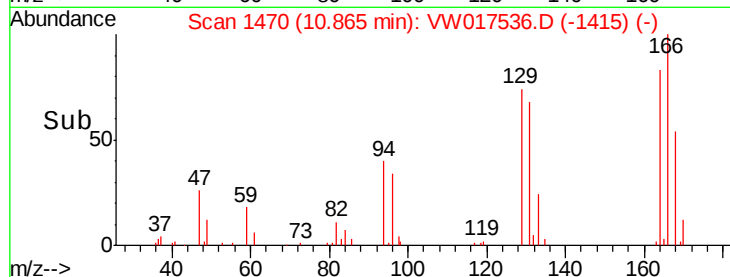
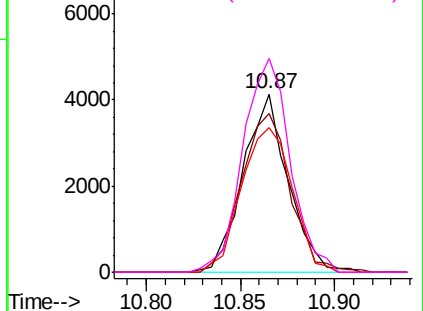


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 0.582 ug/L

RT: 10.97 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017536.D

Acq: 03 Dec 2020 16:22

Tgt Ion: 43 Resp: 963

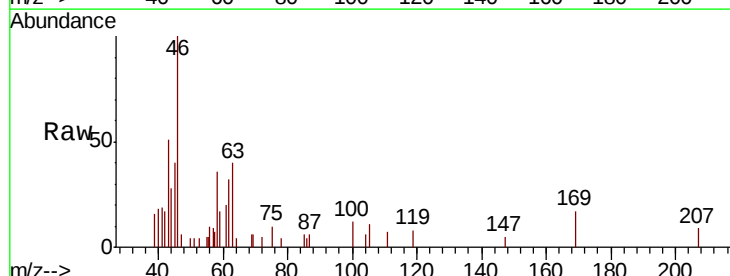
Ion Ratio Lower Upper

43 100

58 110.5 51.3 76.9#

57 45.9 15.0 22.6#

100 21.9 12.2 18.2#

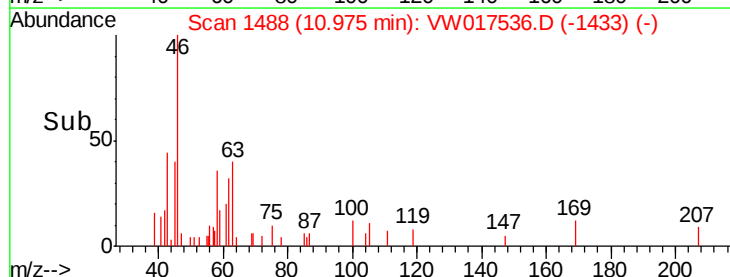
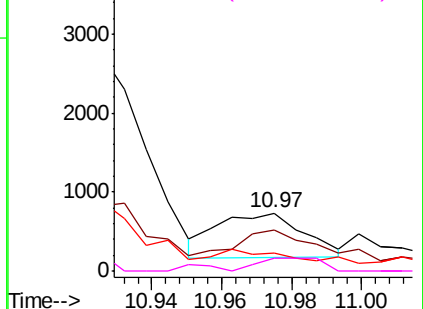


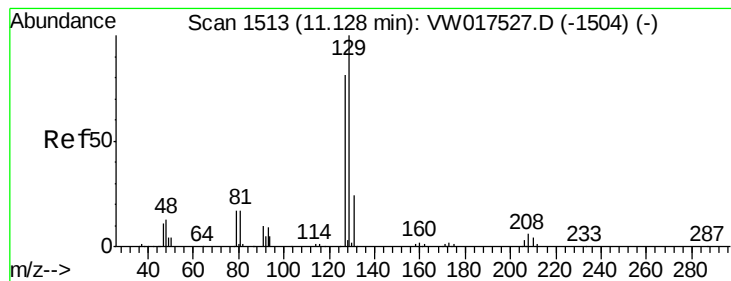
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V

Ion 57.00 (56.70 to 57.70): V

Ion 100.00 (99.70 to 100.70): V





#50

Dibromochloromethane

Concen: 1.391 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW017536.D

Acq: 03 Dec 2020 16:22

Instrument :

MSVOA_W

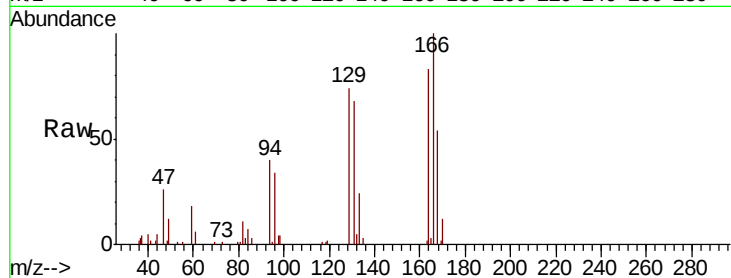
ClientSampleId :

Tot Ion:129 Resp: 6623

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

