

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017540.D
 Acq On : 03 Dec 2020 17:56
 Operator : SY/VA
 Sample : VIBLK18
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK18

Quant Time: Dec 04 06:20:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 06:16:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	416943	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	376656	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186309	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124691	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.56%
7) Chloroethane-d5	2.89	69	102330	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.08%
10) 1,1-Dichloroethene-d2	4.02	63	211596	17.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.28%
20) 2-Butanone-d5	7.08	46	59156	49.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.36%
24) Chloroform-d	7.65	84	289736	23.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.52%
26) 1,2-Dichloroethane-d4	8.31	65	148073	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.48%
29) Benzene-d6	8.27	84	560114	23.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.00%
33) 1,2-Dichloropropane-d6	9.27	67	163625	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.28%
37) Toluene-d8	10.32	98	517879	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.92%
38) trans-1,3-Dichloropropene-	10.58	79	68854	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.12%
39) 2-Hexanone-d5	10.93	63	41375	50.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.10%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	120083	24.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	189049	26.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.56%

Target Compounds

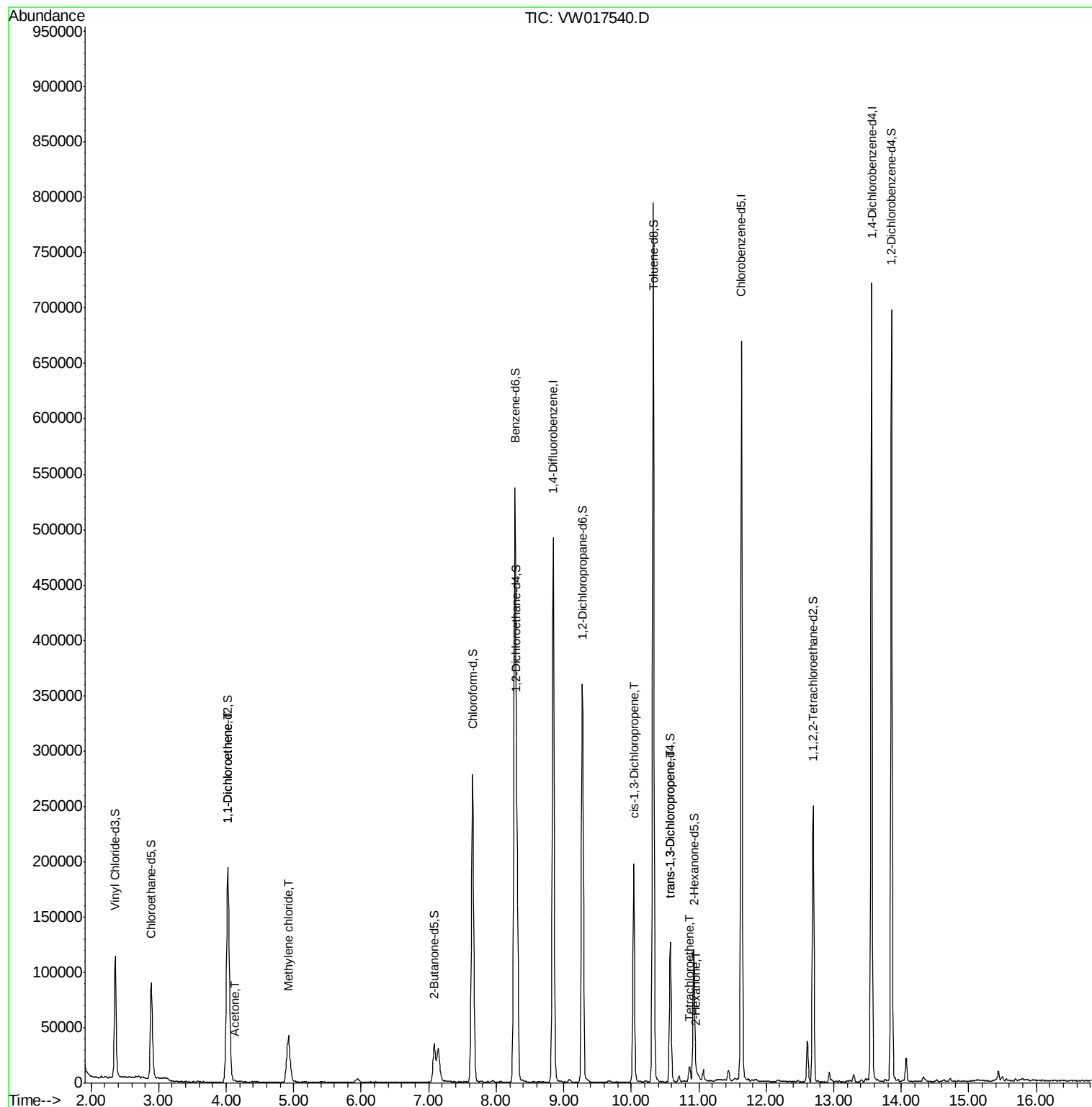
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1630	0.280 ug/L #	1
13) Acetone	4.14	43	656	0.560 ug/L	94
16) Methylene chloride	4.92	84	35808	5.695 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	5318	0.637 ug/L #	58
45) trans-1,3-Dichloropropene	10.58	75	3551	0.494 ug/L	88
47) Tetrachloroethene	10.87	164	2961	0.552 ug/L	89
49) 2-Hexanone	10.97	43	755	0.412 ug/L #	58

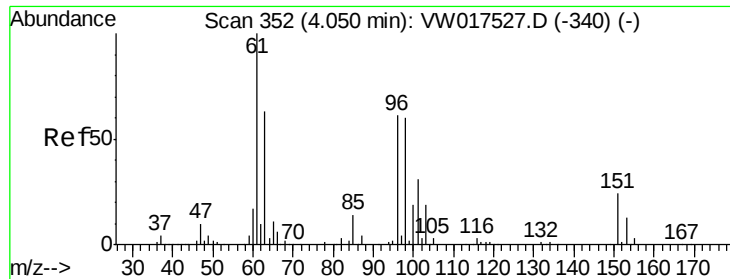
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 04 06:20:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 04 06:16:45 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.280 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017540.D

Acq: 03 Dec 2020 17:56

Instrument :

MSVOA_W

ClientSampleId :

VIBLK18

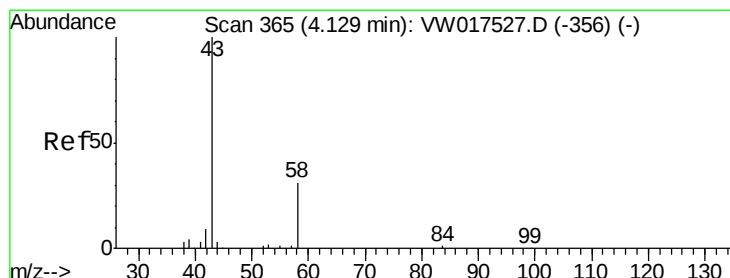
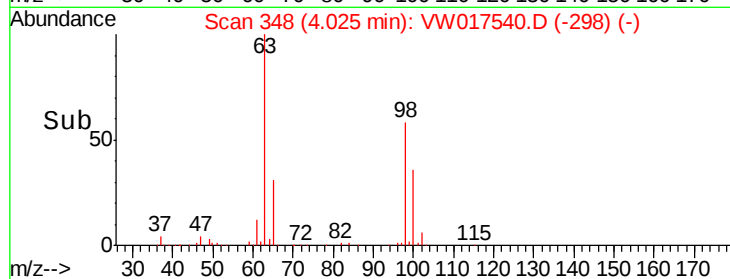
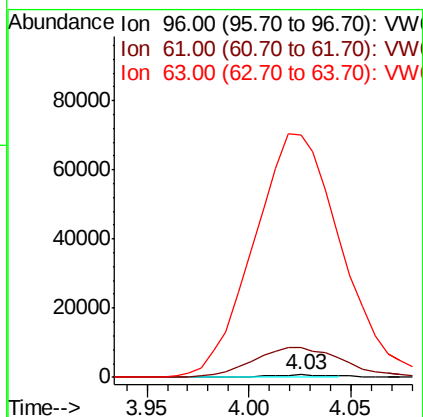
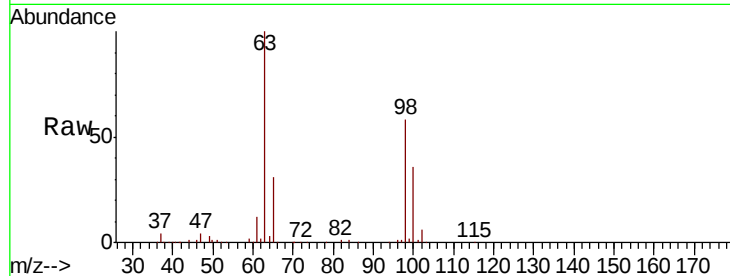
Tot Ion: 96 Resp: 1630

Ion Ratio Lower Upper

96 100

61 1158.1 112.5 208.9#

63 9580.3 83.1 154.3#



#13

Acetone

Concen: 0.560 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW017540.D

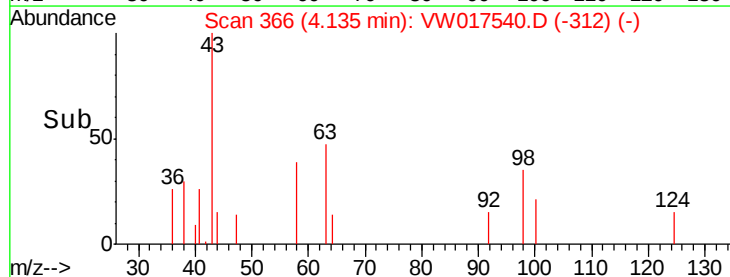
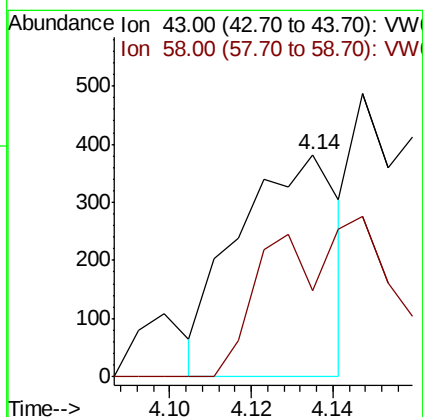
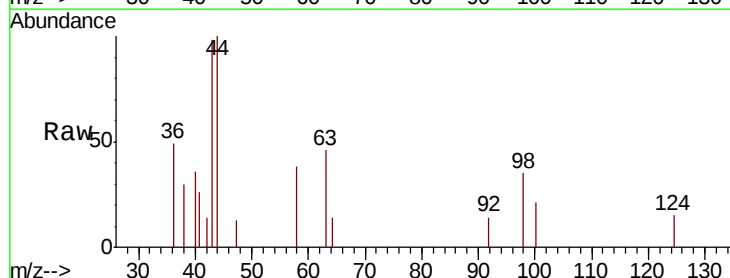
Acq: 03 Dec 2020 17:56

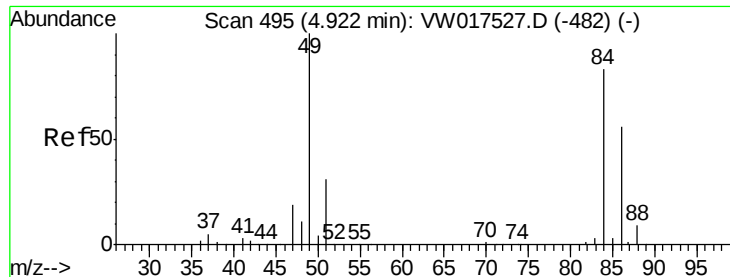
Tgt Ion: 43 Resp: 656

Ion Ratio Lower Upper

43 100

58 37.5 0.0 68.4

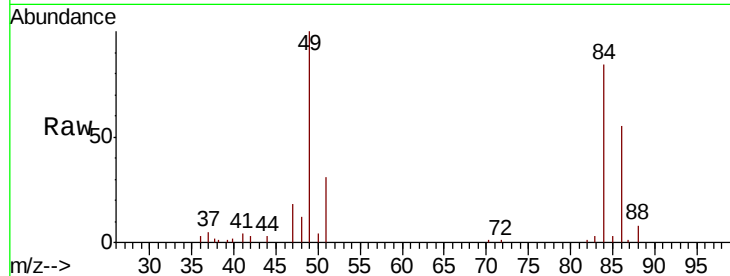




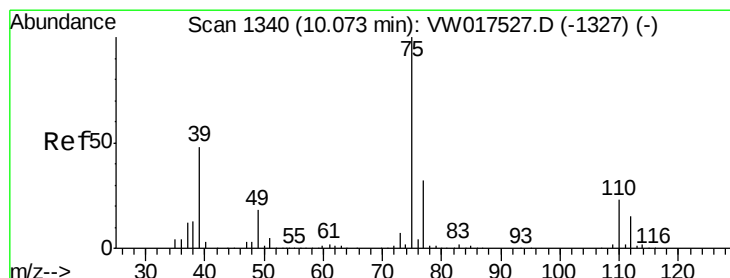
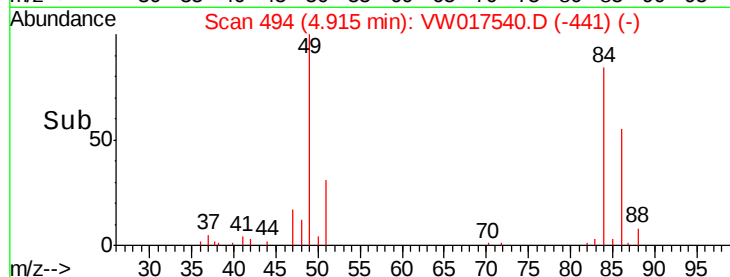
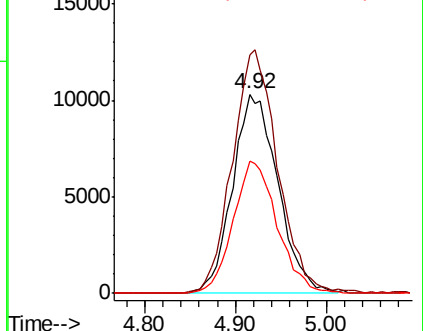
#16
Methylene chloride
Concen: 5.695 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017540.D
Acq: 03 Dec 2020 17:56

Instrument :
MSVOA_W
ClientSampleId :
VIBLK18

Tot Ion: 84 Resp: 35808
Ion Ratio Lower Upper
84 100
49 119.7 81.2 150.8
86 66.1 44.5 82.7

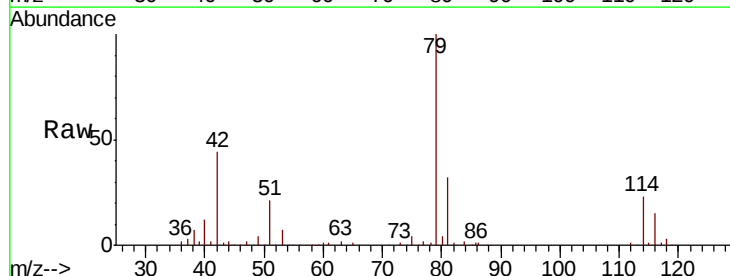


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

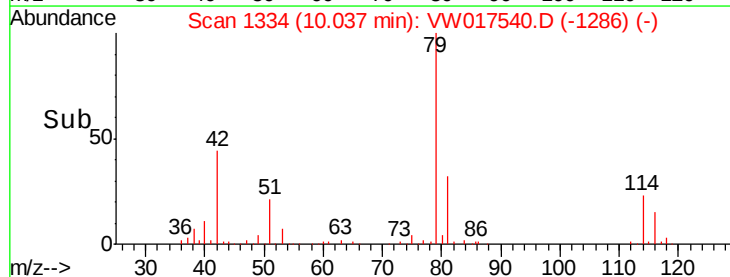
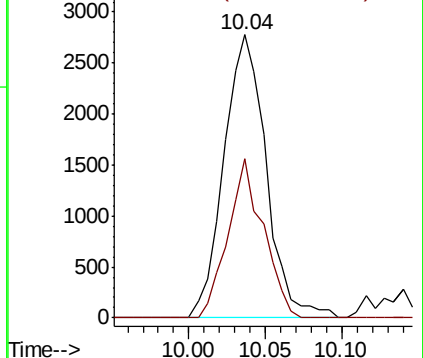


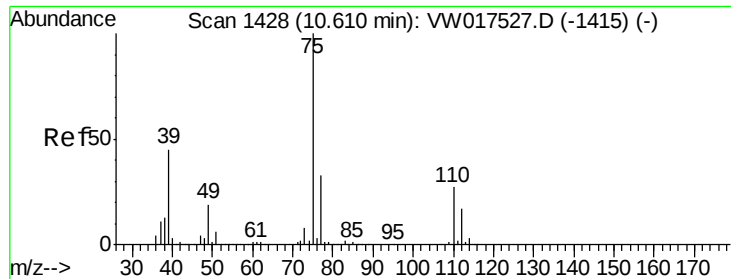
#42
cis-1,3-Dichloropropene
Concen: 0.637 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017540.D
Acq: 03 Dec 2020 17:56

Tgt Ion: 75 Resp: 5318
Ion Ratio Lower Upper
75 100
77 56.1 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.494 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017540.D

Acq: 03 Dec 2020 17:56

Instrument :

MSVOA_W

ClientSampleId :

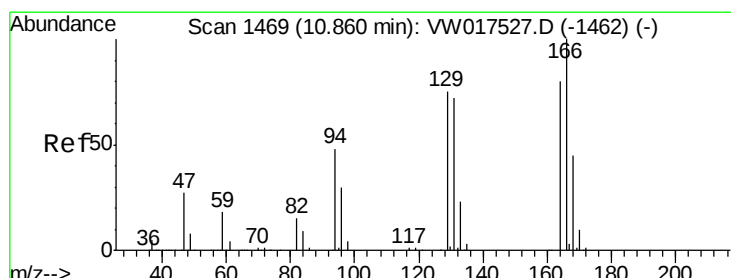
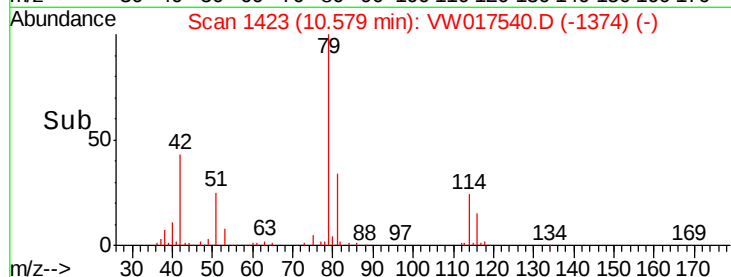
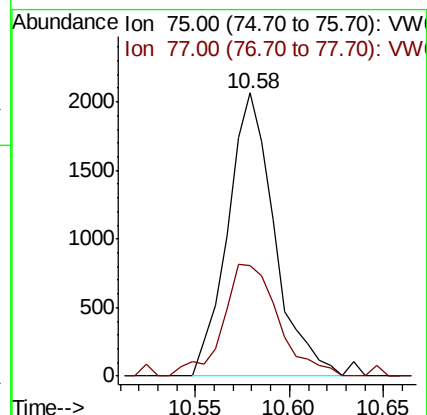
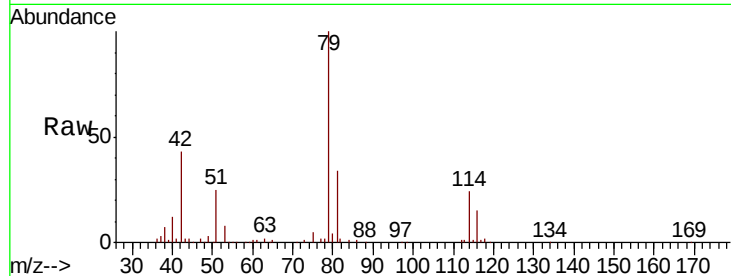
VIBLK18

Tot Ion: 75 Resp: 3551

Ion Ratio Lower Upper

75 100

77 39.2 22.6 42.0



#47

Tetrachloroethene

Concen: 0.552 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017540.D

Acq: 03 Dec 2020 17:56

Tgt Ion: 164 Resp: 2961

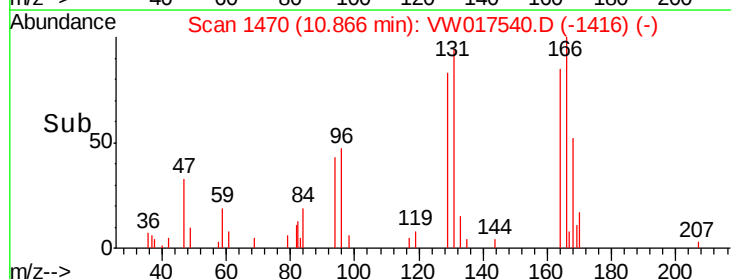
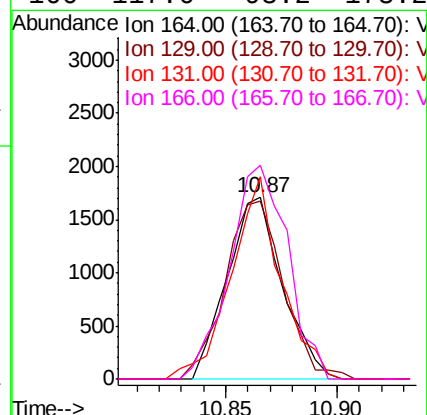
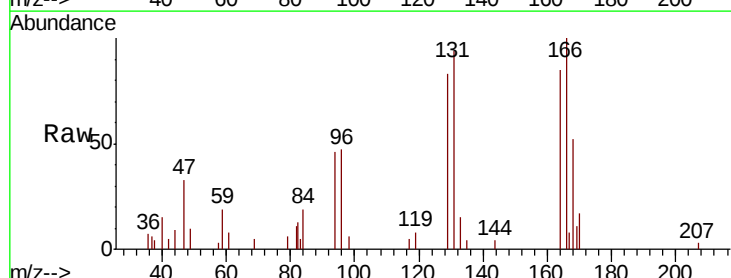
Ion Ratio Lower Upper

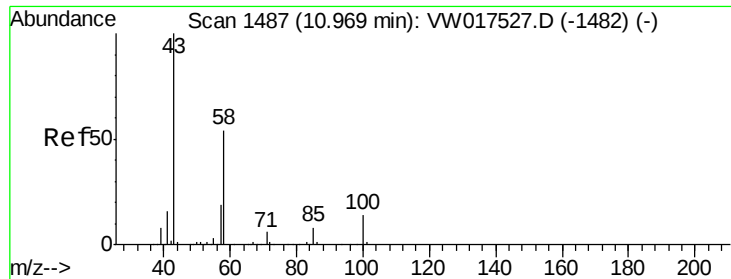
164 100

129 98.0 67.6 125.6

131 111.1 65.2 121.2

166 117.6 93.2 173.2





#49

2-Hexanone

Concen: 0.412 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017540.D

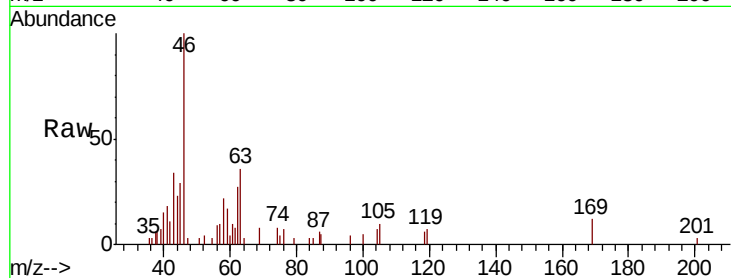
Acq: 03 Dec 2020 17:56

Instrument :

MSVOA_W

ClientSampleId :

VIBLK18



Tot Ion:	43	Resp:	755
Ion	Ratio	Lower	Upper
43	100		
58	105.0	51.3	76.9#
57	35.6	15.0	22.6#
100	12.6	12.2	18.2

