

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017046.D
 Acq On : 02 Nov 2020 14:34
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK24

Quant Time: Nov 03 04:57:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:48:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	445897	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	410269	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196231	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102239	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
7) Chloroethane-d5	2.89	69	88516	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
10) 1,1-Dichloroethene-d2	4.03	63	161001	16.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.32%
20) 2-Butanone-d5	7.08	46	48159	49.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.36%
24) Chloroform-d	7.65	84	244466	23.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	8.31	65	115313	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.28%
29) Benzene-d6	8.27	84	496130	23.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.16%
33) 1,2-Dichloropropane-d6	9.28	67	139335	24.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.96%
37) Toluene-d8	10.33	98	459125	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.56%
38) trans-1,3-Dichloropropene-	10.58	79	54217	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.84%
39) 2-Hexanone-d5	10.93	63	38208	47.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103726	23.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	170195	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

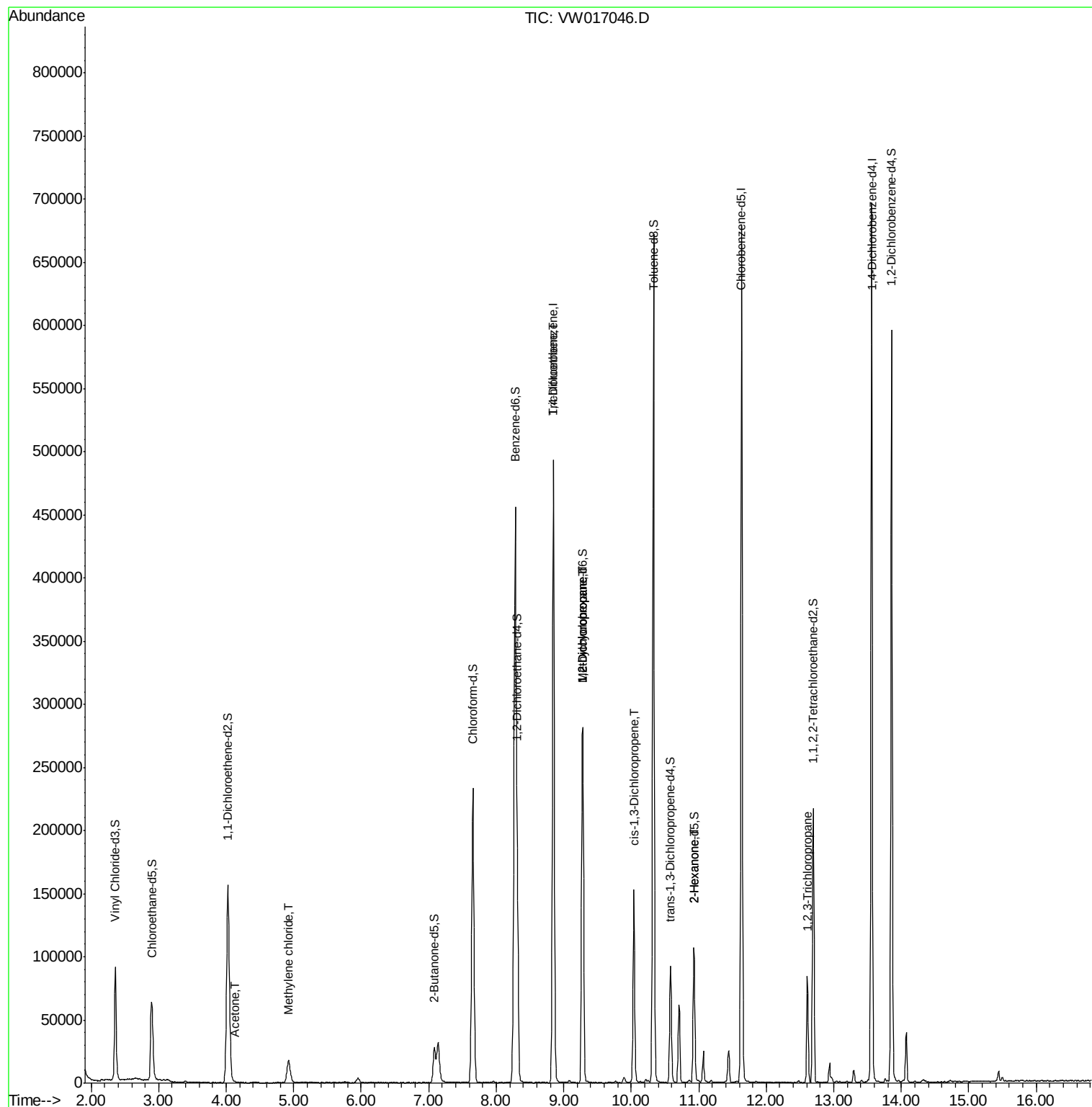
					Ovalue
13) Acetone	4.14	43	422	0.647 ug/L	52
16) Methylene chloride	4.92	84	16320	2.768 ug/L	91
35) Trichloroethene	8.85	95	12443	1.982 ug/L #	2
36) Methylcyclohexane	9.27	83	35735	3.390 ug/L #	22
40) 1,2-Dichloropropane	9.28	63	15017	2.967 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4008	0.506 ug/L #	59
49) 2-Hexanone	10.93	43	4356	2.849 ug/L #	64
59) 1,2,3-Trichloropropane	12.61	75	818	0.263 ug/L	92

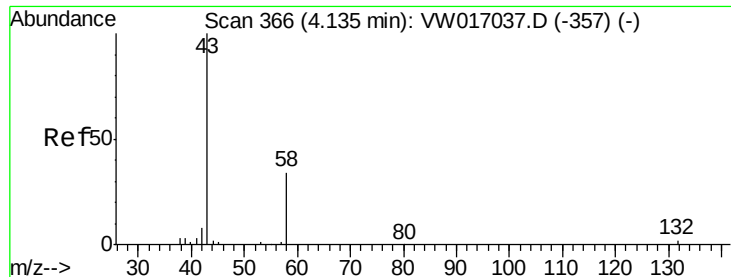
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 03 04:48:47 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.647 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW017046.D

Acq: 02 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampled :

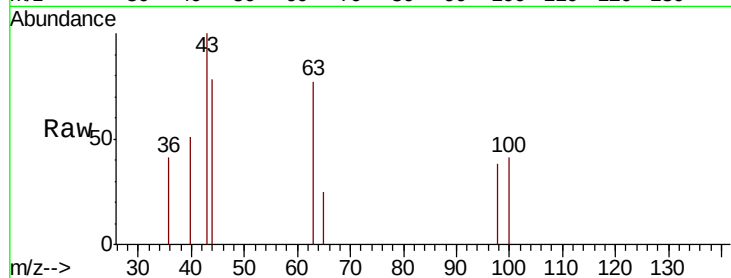
VIBLK24

Tot Ion: 43 Resp: 422

Ion Ratio Lower Upper

43 100

58 6.9 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

300

250

200

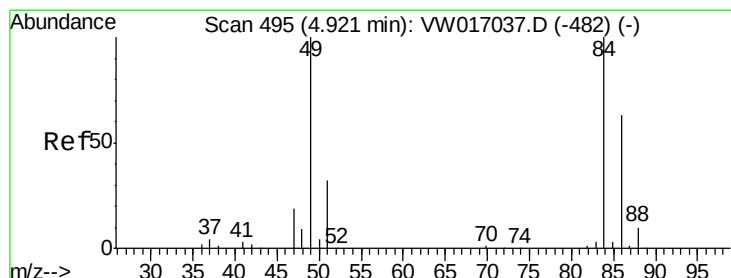
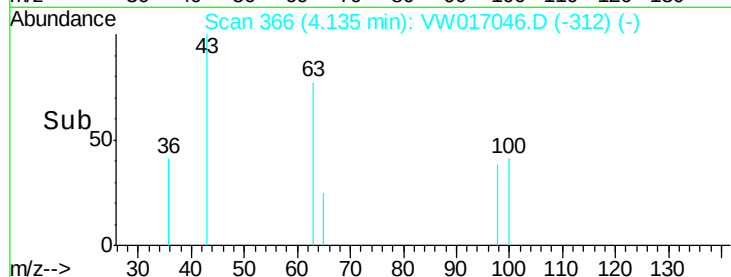
150

100

50

0

Time-->



#16

Methylene chloride

Concen: 2.768 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017046.D

Acq: 02 Nov 2020 14:34

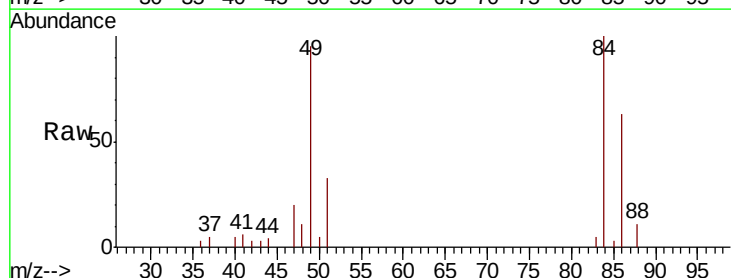
Tgt Ion: 84 Resp: 16320

Ion Ratio Lower Upper

84 100

49 94.7 73.8 137.0

86 62.6 47.4 88.0



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

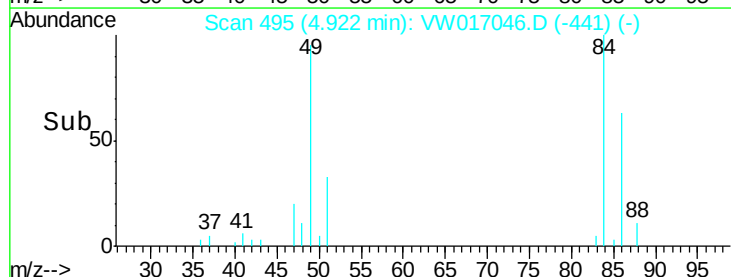
6000

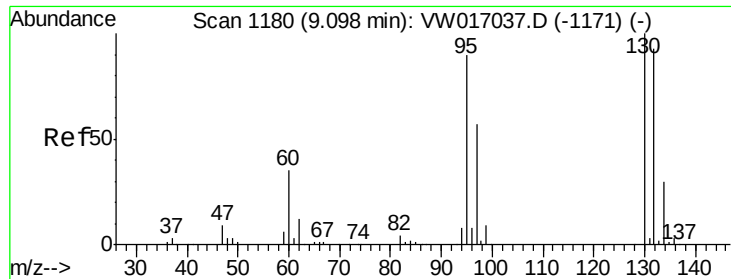
4000

2000

0

Time-->

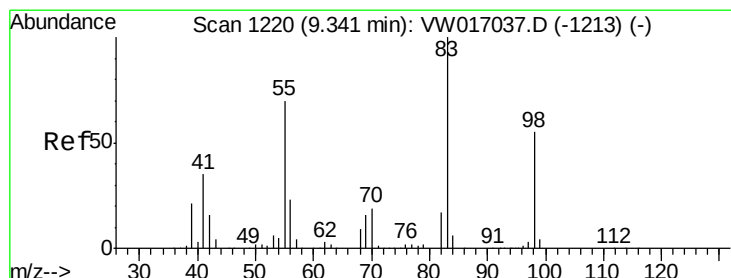
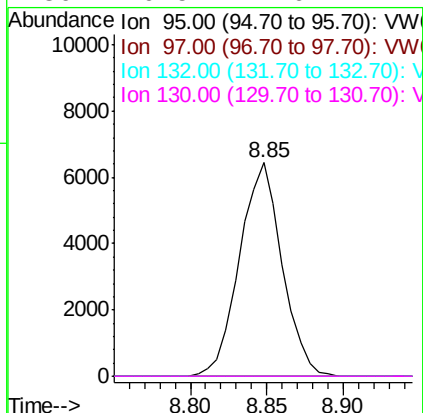
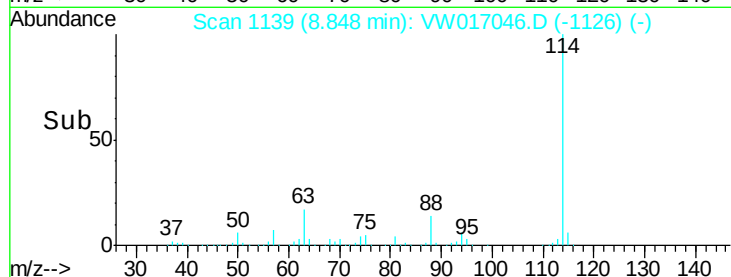
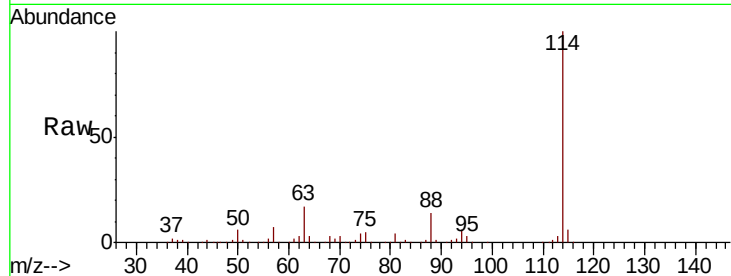




#35
 Trichloroethene
 Concen: 1.982 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.25 min
 Lab File: VW017046.D
 Acq: 02 Nov 2020 14:34

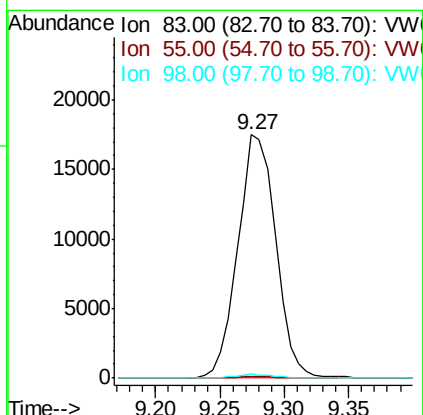
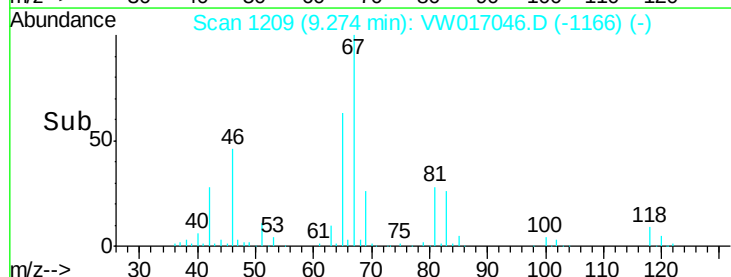
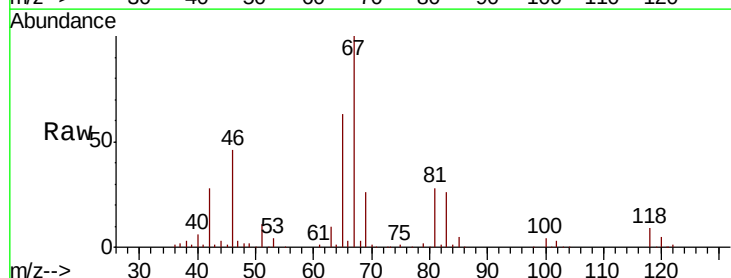
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK24

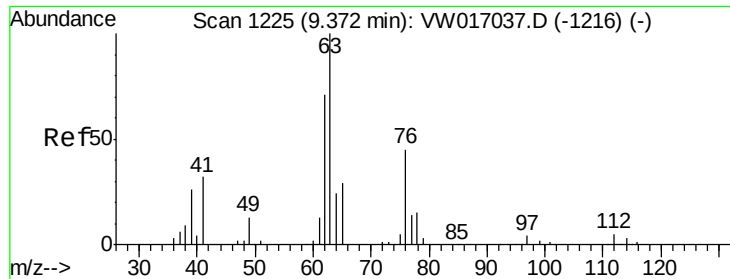
Tot Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.9	137.3#
130	0.5	77.6	144.2#



#36
 Methylcyclohexane
 Concen: 3.390 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.07 min
 Lab File: VW017046.D
 Acq: 02 Nov 2020 14:34

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	54.5	81.7#
98	1.6	40.8	61.2#





#40

1,2-Dichloropropane

Concen: 2.967 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017046.D

Acq: 02 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

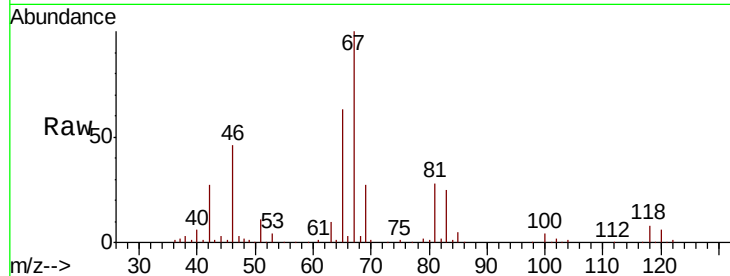
VIBLK24

Tot Ion: 63 Resp: 15017

Ion Ratio Lower Upper

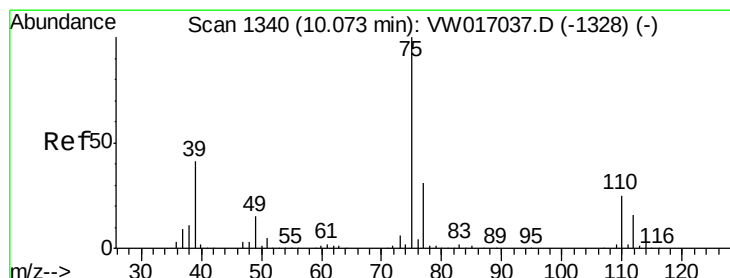
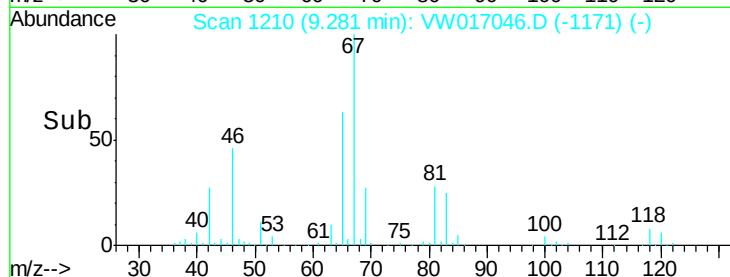
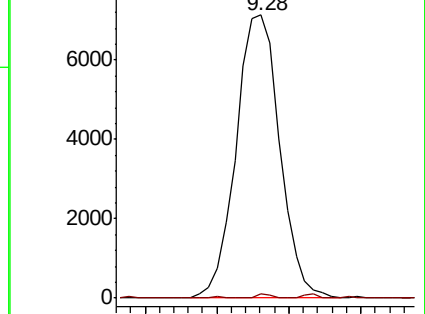
63 100

112 0.4 4.5 6.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.506 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017046.D

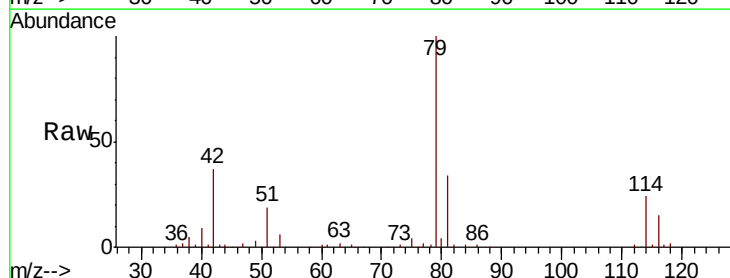
Acq: 02 Nov 2020 14:34

Tgt Ion: 75 Resp: 4008

Ion Ratio Lower Upper

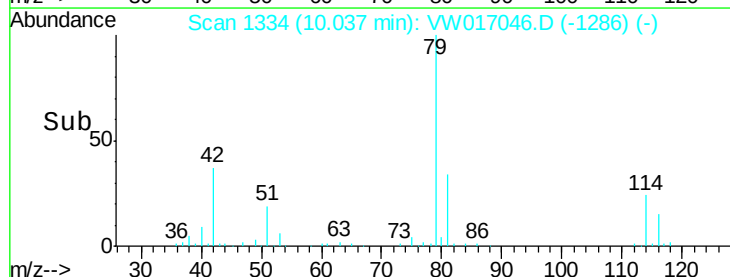
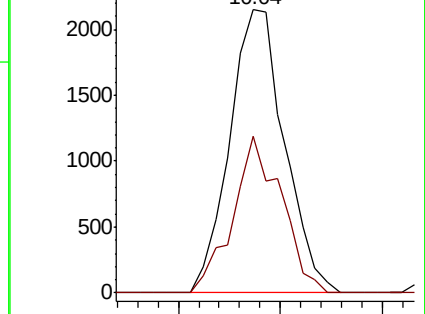
75 100

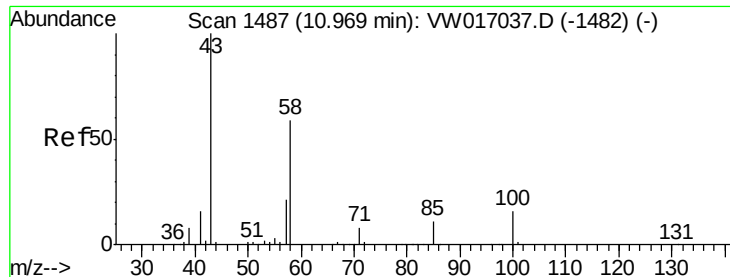
77 55.5 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.849 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017046.D

Acq: 02 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

VIBLK24

Tot Ion: 43 Resp: 4356

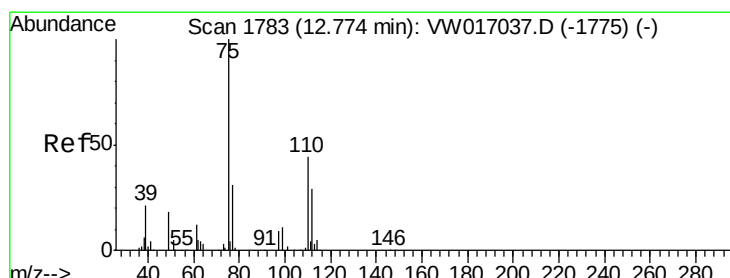
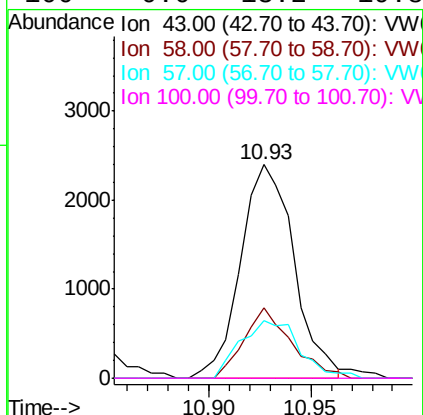
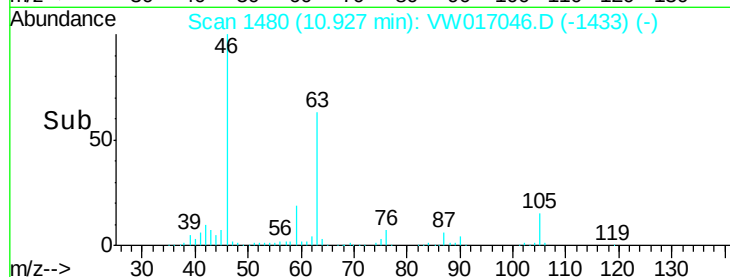
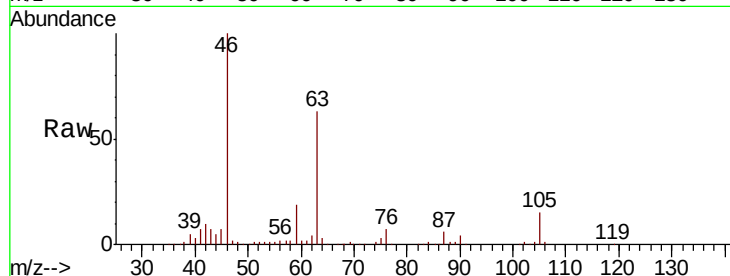
Ion Ratio Lower Upper

43 100

58 29.6 49.2 73.8#

57 29.6 17.0 25.4#

100 0.0 13.2 19.8#



#59

1,2,3-Trichloropropane

Concen: 0.263 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017046.D

Acq: 02 Nov 2020 14:34

Tgt Ion: 75 Resp: 818

Ion Ratio Lower Upper

75 100

77 27.6 25.8 38.8

