

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017742.D
 Acq On : 24 Dec 2020 17:35
 Operator : SY/VA
 Sample : VIBLK21
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:48:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	363744	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329179	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158079	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125471	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.16%
7) Chloroethane-d5	2.89	69	105576	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.92%
10) 1,1-Dichloroethene-d2	4.02	63	167516	17.08	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.32%
20) 2-Butanone-d5	7.08	46	51595	56.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.12%
24) Chloroform-d	7.65	84	218627	23.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	8.31	65	125466	25.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.00%
29) Benzene-d6	8.27	84	431914	23.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.16%
33) 1,2-Dichloropropane-d6	9.27	67	121827	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.32%
37) Toluene-d8	10.32	98	413950	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.96%
38) trans-1,3-Dichloropropene-	10.58	79	53932	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
39) 2-Hexanone-d5	10.93	63	37160	57.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99032	26.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	138593	25.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.72%

Target Compounds

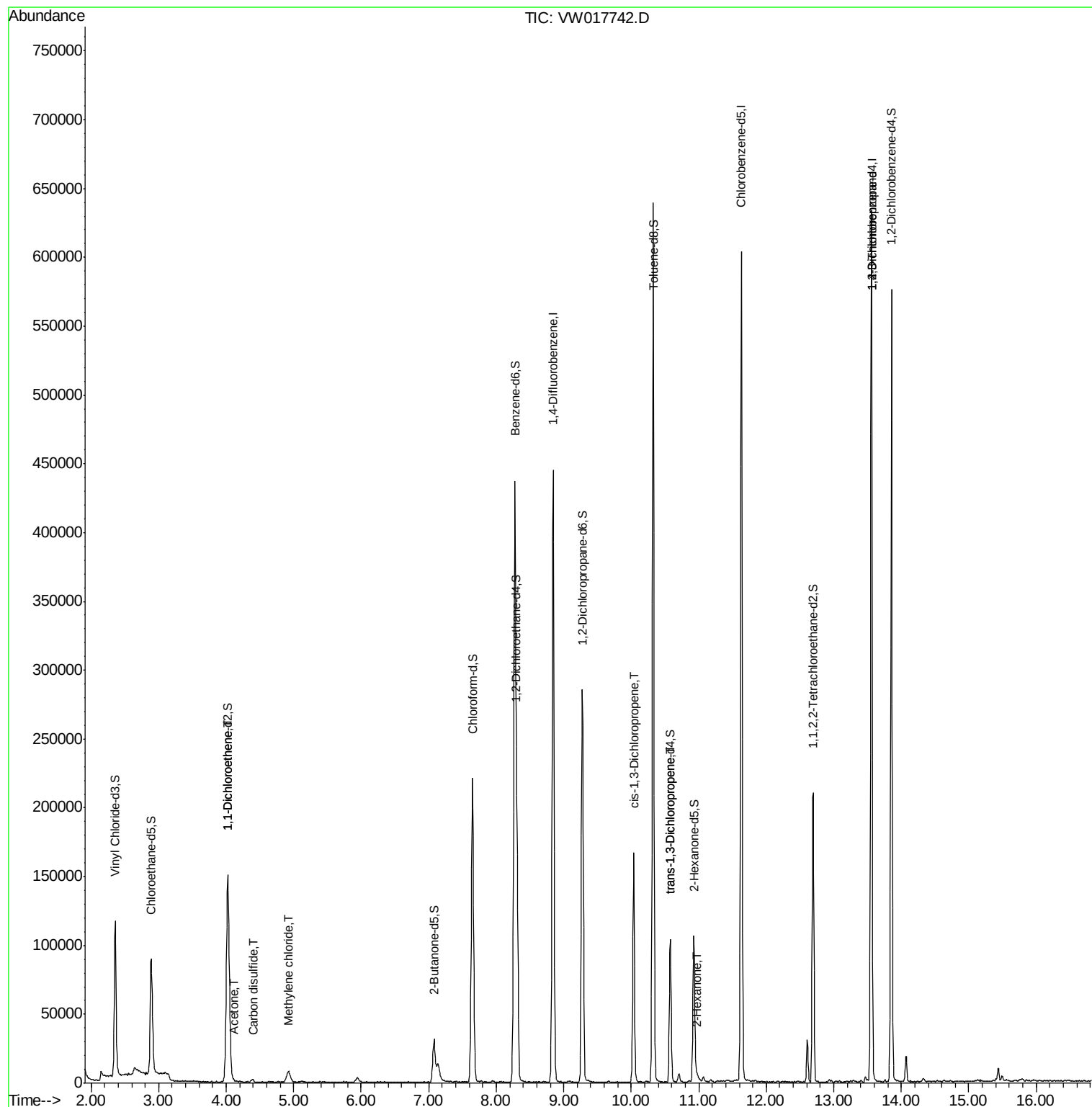
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1181	0.263 ug/L #	1
13) Acetone	4.12	43	316	0.401 ug/L	89
14) Carbon disulfide	4.40	76	2880	0.215 ug/L #	73
16) Methylene chloride	4.92	84	6723	1.292 ug/L	85
42) cis-1,3-Dichloropropene	10.04	75	5133	0.724 ug/L #	68
45) trans-1,3-Dichloropropene	10.57	75	2955	0.489 ug/L	95
49) 2-Hexanone	10.98	43	1497	0.977 ug/L #	72
59) 1,2,3-Trichloropropane	13.55	75	23112	8.529 ug/L	93

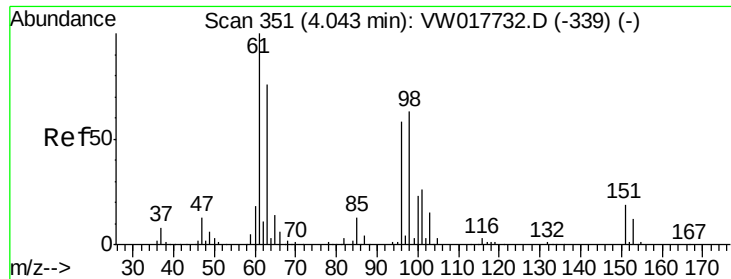
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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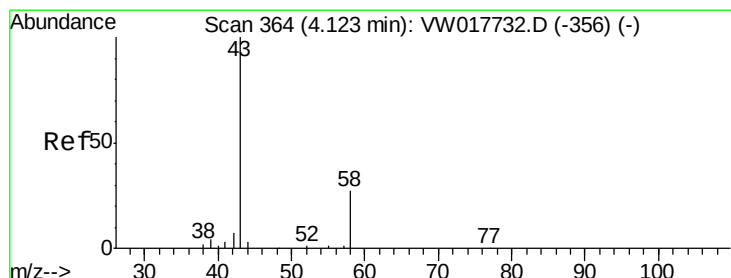
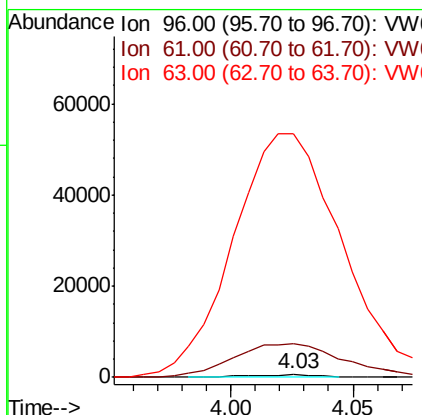
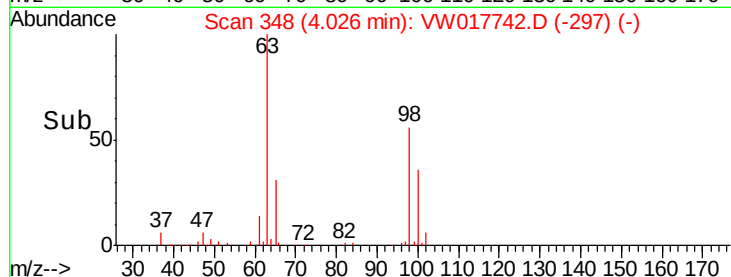
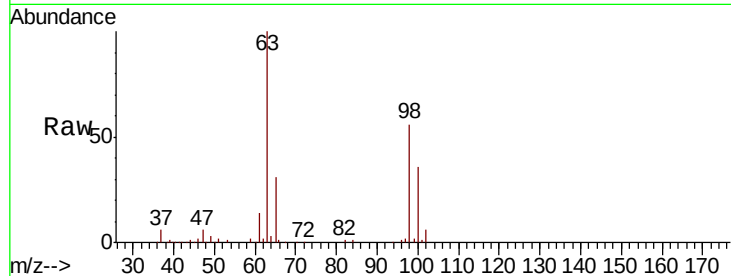




#12
 1,1-Dichloroethene
 Concen: 0.263 ug/L
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW017742.D
 Acq: 24 Dec 2020 17:35

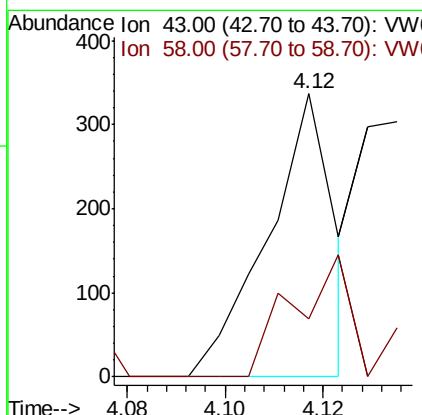
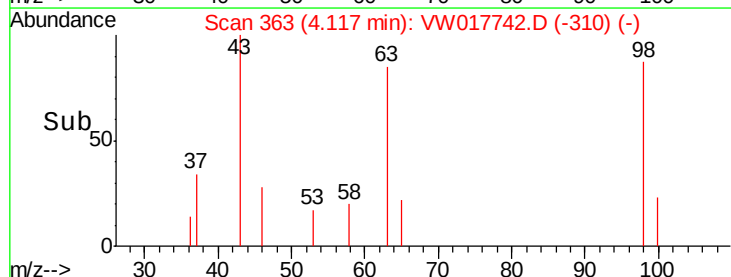
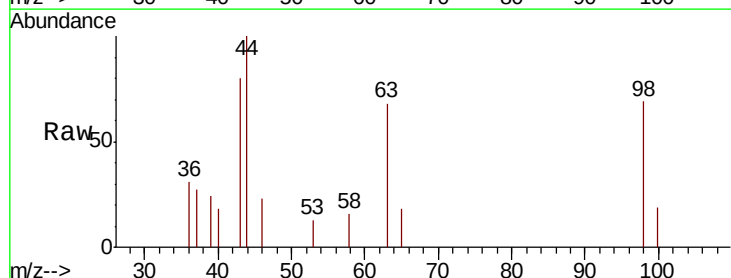
Instrument :
 MSVOA_W
 ClientSampleId :

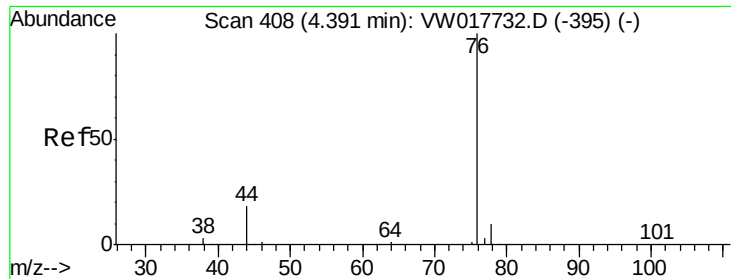
Tot Ion: 96 Resp: 1181
 Ion Ratio Lower Upper
 96 100
 61 1088.0 126.1 234.1#
 63 7914.7 90.0 167.2#



#13
 Acetone
 Concen: 0.401 ug/L
 RT: 4.12 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VW017742.D
 Acq: 24 Dec 2020 17:35

Tgt Ion: 43 Resp: 316
 Ion Ratio Lower Upper
 43 100
 58 36.4 0.0 60.8





#14

Carbon disulfide

Concen: 0.215 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW017742.D

Acq: 24 Dec 2020 17:35

Instrument :

MSVOA_W

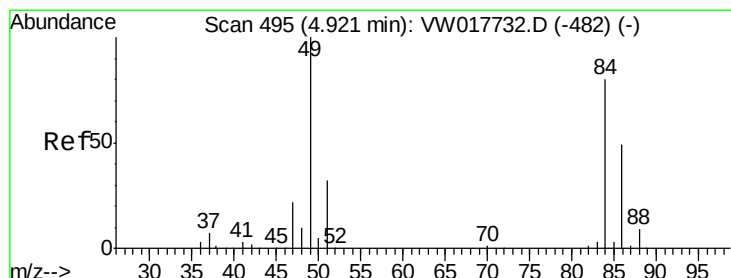
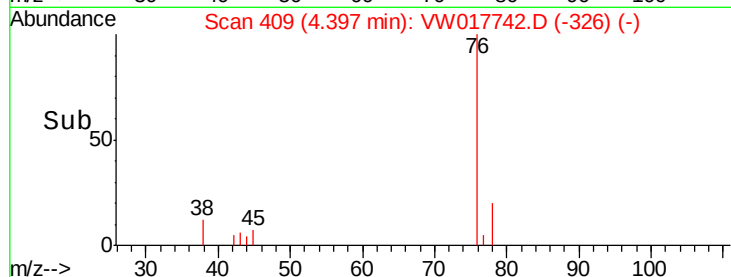
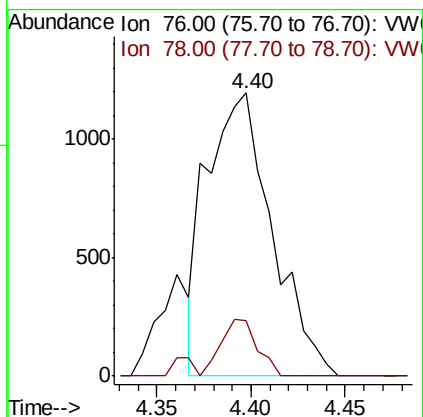
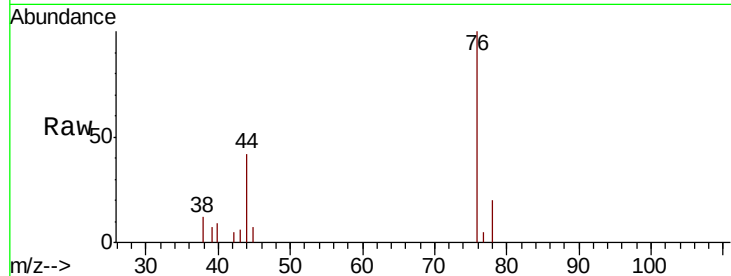
ClientSampled :

Tot Ion: 76 Resp: 2880

Ion Ratio Lower Upper

76 100

78 18.7 7.1 10.7#



#16

Methylene chloride

Concen: 1.292 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017742.D

Acq: 24 Dec 2020 17:35

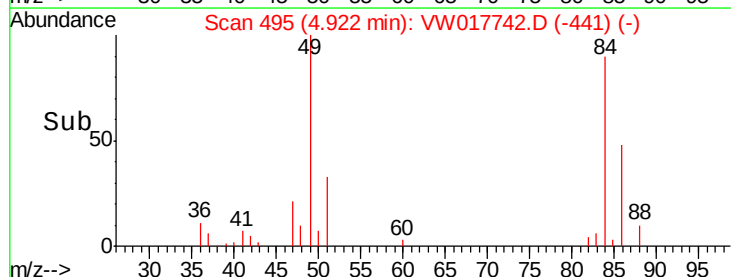
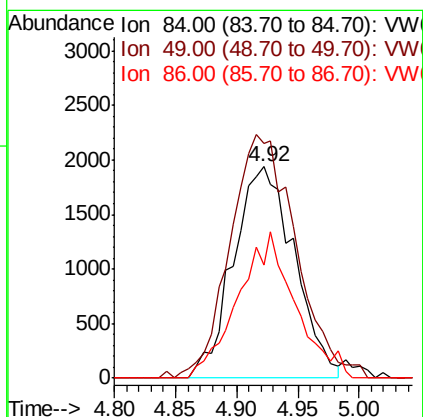
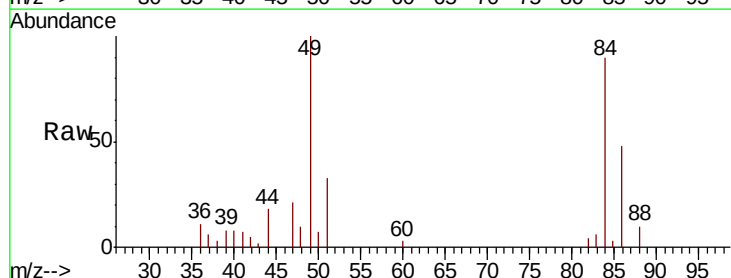
Tgt Ion: 84 Resp: 6723

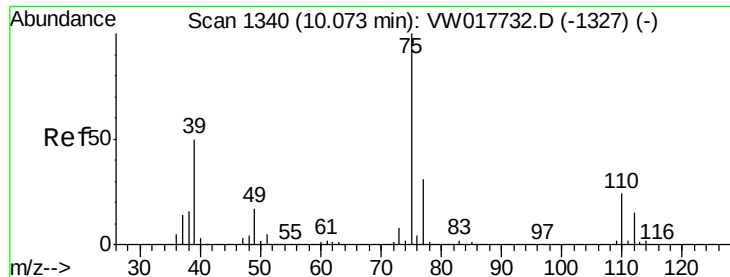
Ion Ratio Lower Upper

84 100

49 111.3 90.5 168.1

86 53.5 44.8 83.2





#42

cis-1,3-Dichloropropene

Concen: 0.724 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017742.D

Acq: 24 Dec 2020 17:35

Instrument :

MSVOA_W

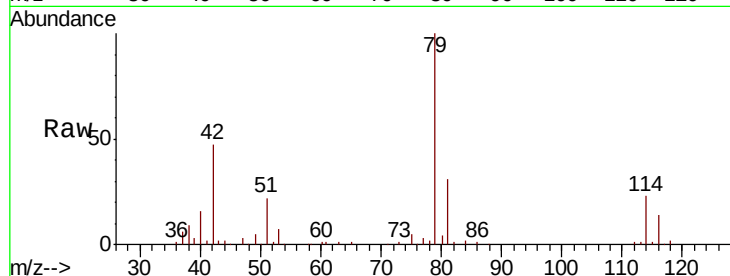
ClientSampleId :

Tot Ion: 75 Resp: 5133

Ion Ratio Lower Upper

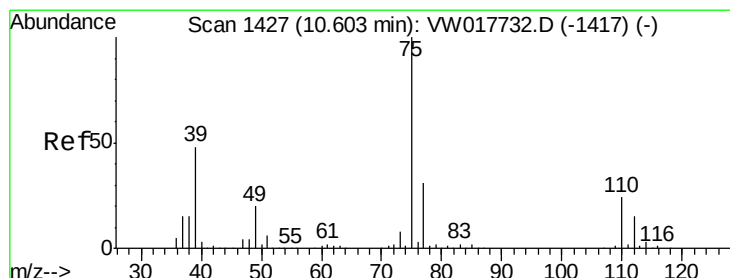
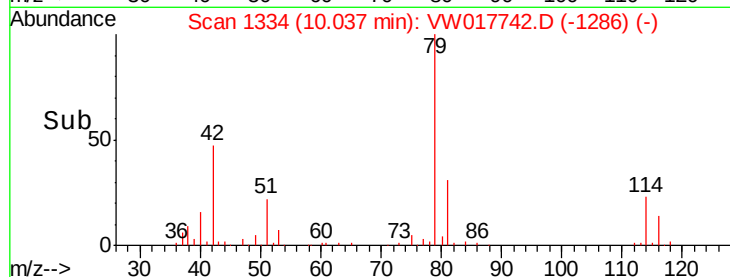
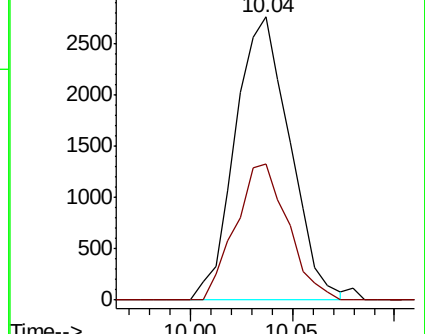
75 100

77 48.3 21.6 40.2#



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: 0.489 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017742.D

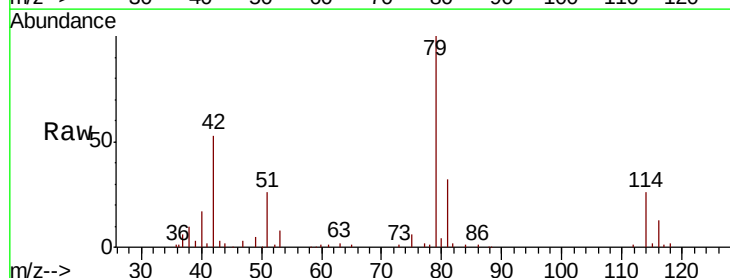
Acq: 24 Dec 2020 17:35

Tgt Ion: 75 Resp: 2955

Ion Ratio Lower Upper

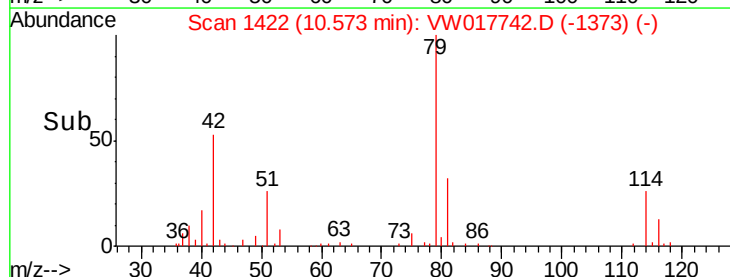
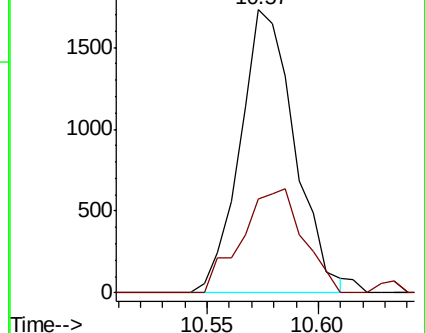
75 100

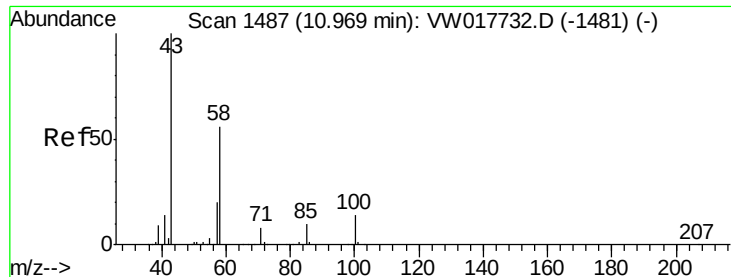
77 33.3 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 0.977 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017742.D

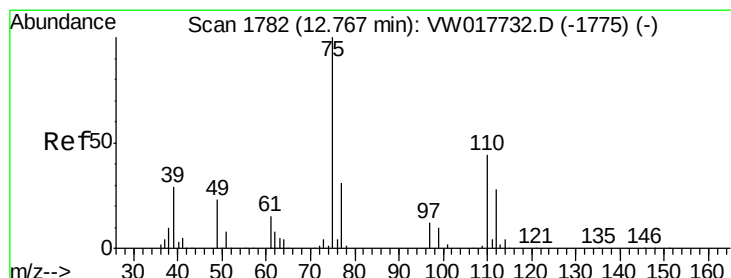
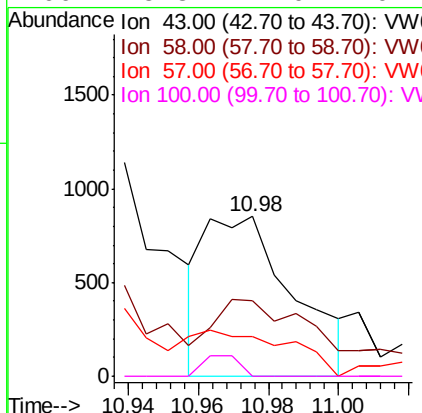
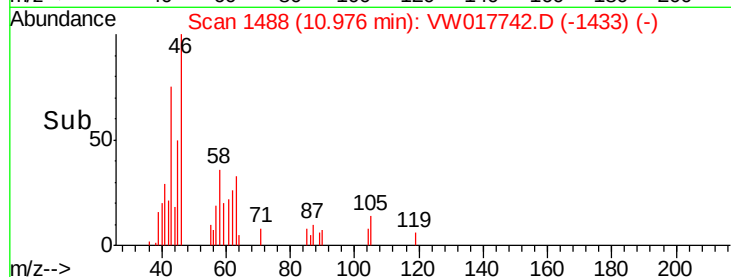
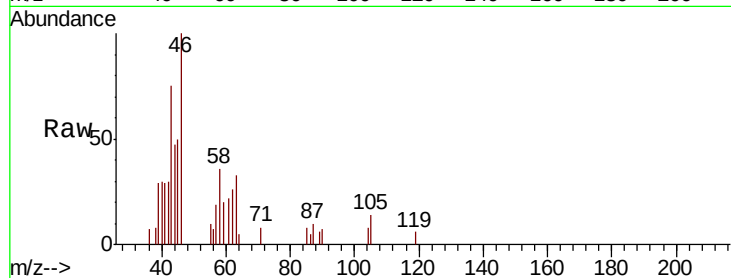
Acq: 24 Dec 2020 17:35

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	43	Resp:	1497
Ion	Ratio	Lower	Upper
43	100		
58	33.5	44.2	66.4#
57	33.4	16.1	24.1#
100	5.3	11.0	16.4#



#59

1,2,3-Trichloropropane

Concen: 8.529 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017742.D

Acq: 24 Dec 2020 17:35

Tgt Ion:	75	Resp:	23112
Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.4	38.0

