

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017501.D
 Acq On : 25 Nov 2020 14:17
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 26 07:24:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 07:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	447370	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	408289	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	206064	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	138264	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
7) Chloroethane-d5	2.89	69	108377	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.28%
10) 1,1-Dichloroethene-d2	4.03	63	227794	17.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.56%
20) 2-Butanone-d5	7.08	46	74728	60.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.42%
24) Chloroform-d	7.65	84	292630	23.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	8.40	65	188	0.03	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	590376	23.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.04%
33) 1,2-Dichloropropane-d6	9.27	67	169438	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.56%
37) Toluene-d8	10.32	98	536447	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.84%
38) trans-1,3-Dichloropropene-	10.58	79	75175	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.88%
39) 2-Hexanone-d5	10.93	63	50882	59.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132130	26.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	195146	25.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.32%

Target Compounds

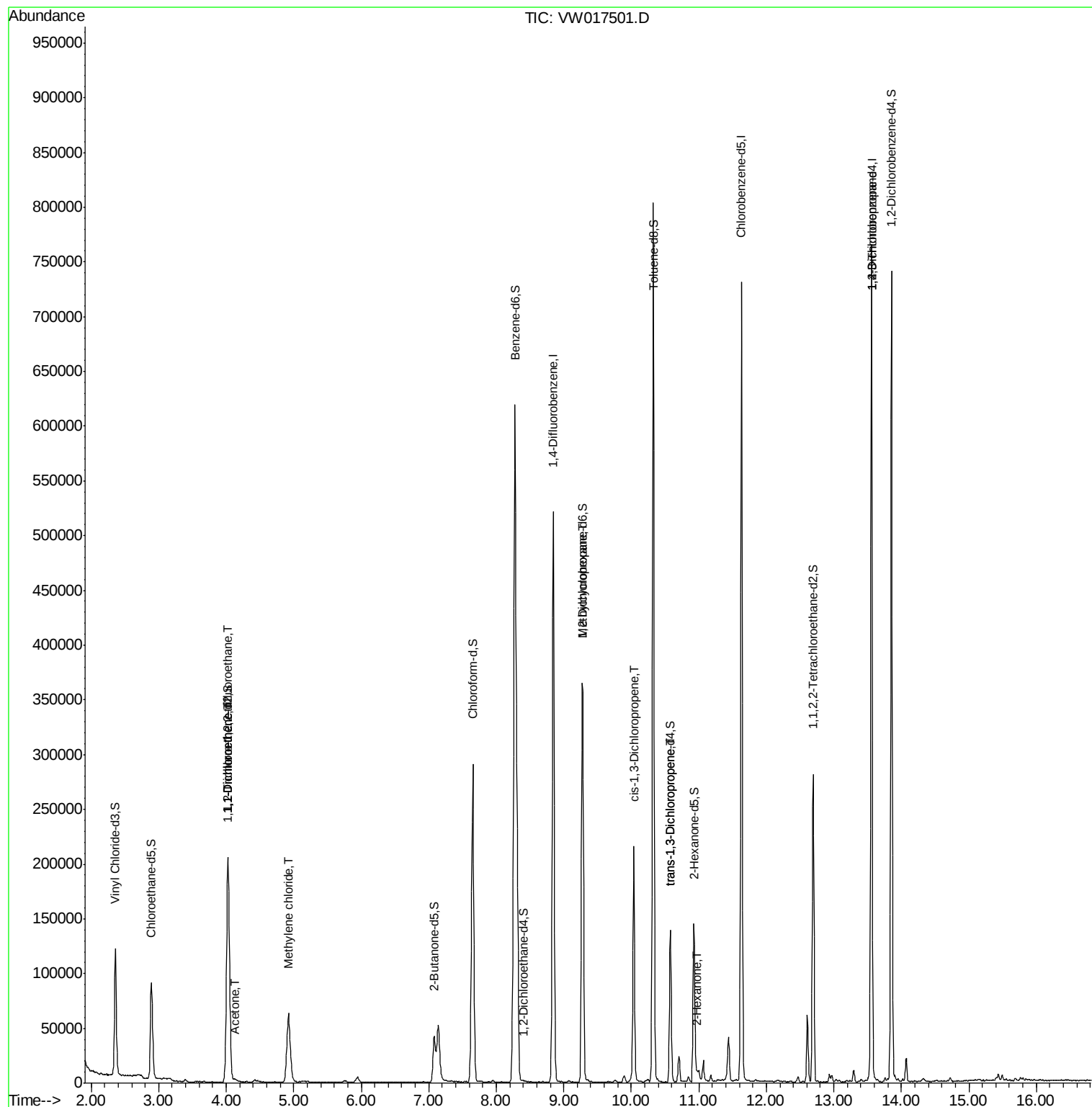
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	2349	0.369 ug/L #	35
12) 1,1-Dichloroethene	4.02	96	2097	0.338 ug/L #	1
13) Acetone	4.14	43	3633	3.042 ug/L	63
16) Methylene chloride	4.92	84	53257	7.929 ug/L	99
36) Methylcyclohexane	9.27	83	42591	3.786 ug/L #	20
42) cis-1,3-Dichloropropene	10.04	75	5729	0.642 ug/L	87
45) trans-1,3-Dichloropropene	10.58	75	3648	0.477 ug/L	90
49) 2-Hexanone	10.98	43	778	0.415 ug/L #	75
59) 1,2,3-Trichloropropane	13.55	75	23426	6.828 ug/L	99

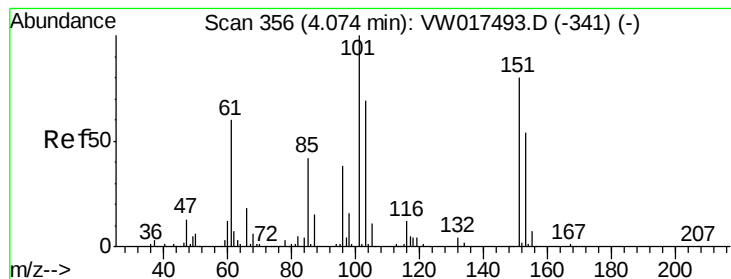
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 26 07:23:09 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.369 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.06 min

Lab File: VW017501.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_W

ClientSampled :

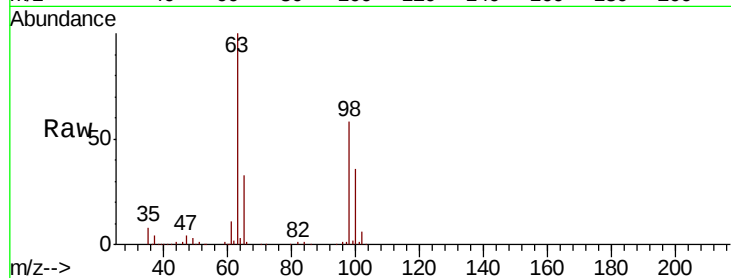
Tot Ion:101 Resp: 2349

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

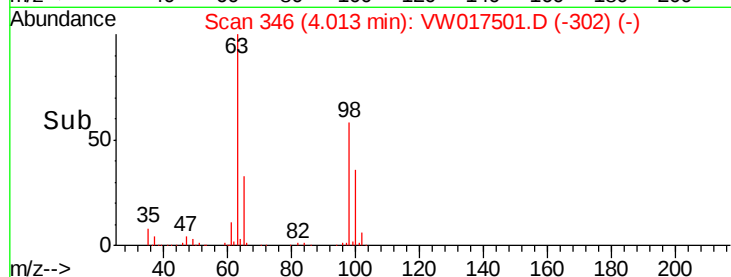
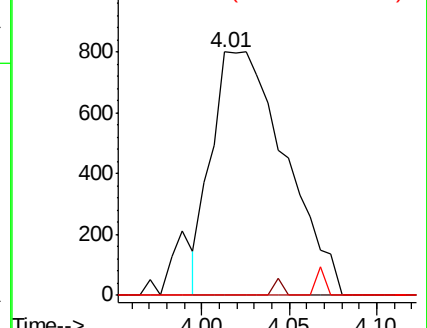
151 0.0 30.4 45.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.338 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW017501.D

Acq: 25 Nov 2020 14:17

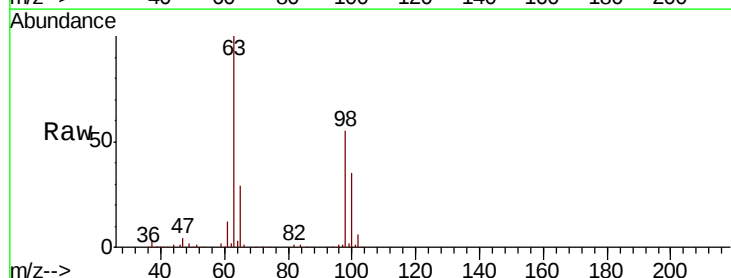
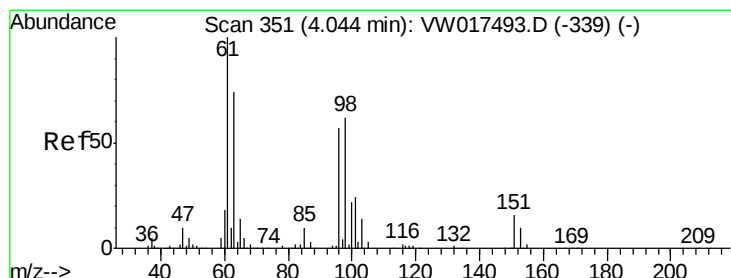
Tgt Ion: 96 Resp: 2097

Ion Ratio Lower Upper

96 100

61 1173.9 112.5 208.9#

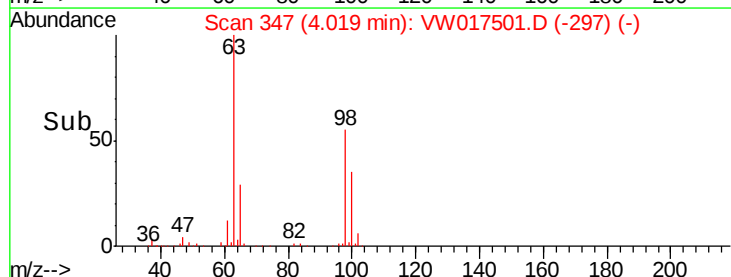
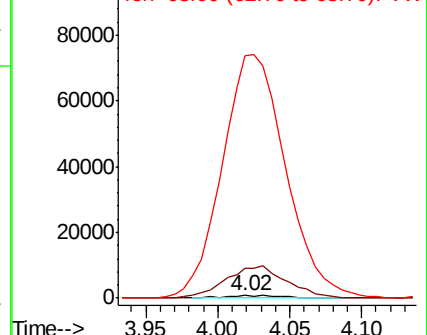
63 9474.6 83.1 154.3#

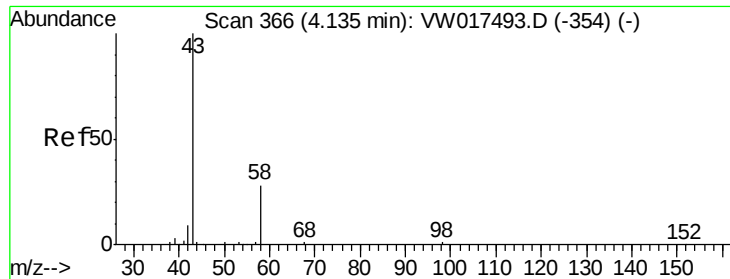


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 3.042 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017501.D

Acq: 25 Nov 2020 14:17

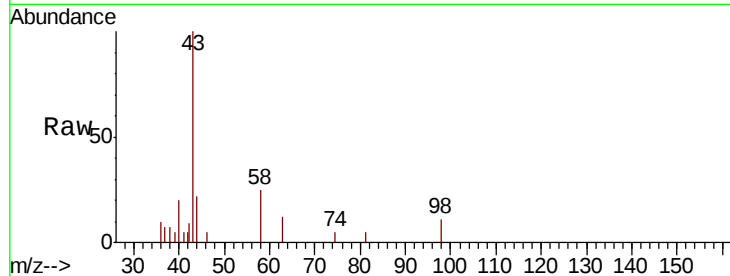
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3633

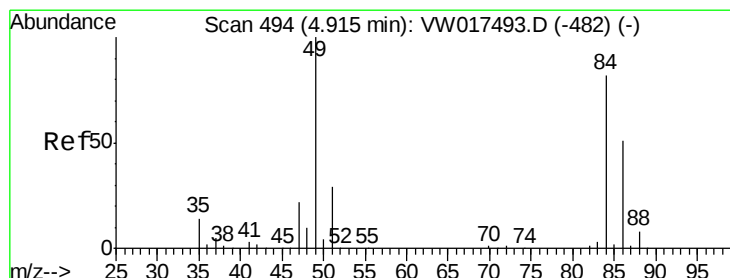
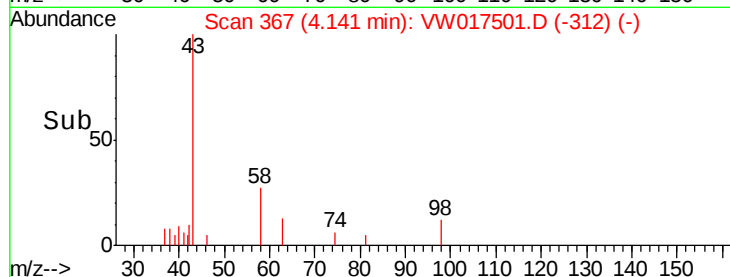
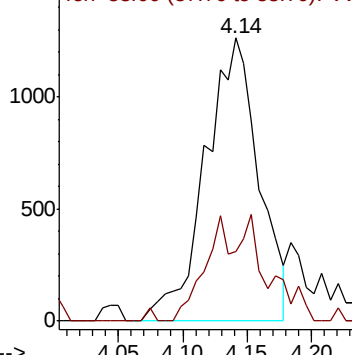
Ion Ratio Lower Upper

43 100

58 12.9 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 7.929 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017501.D

Acq: 25 Nov 2020 14:17

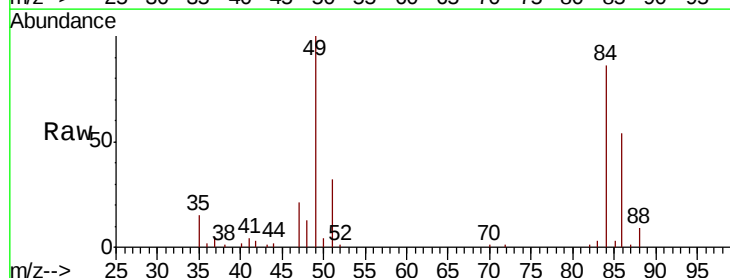
Tgt Ion: 84 Resp: 53257

Ion Ratio Lower Upper

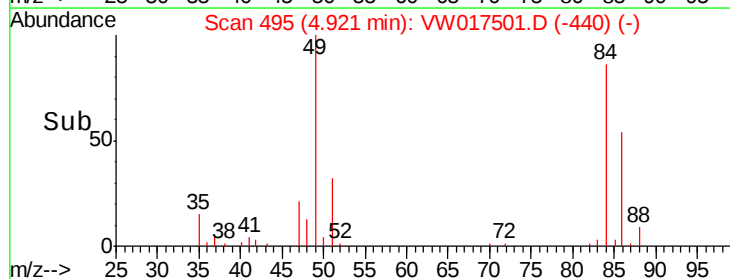
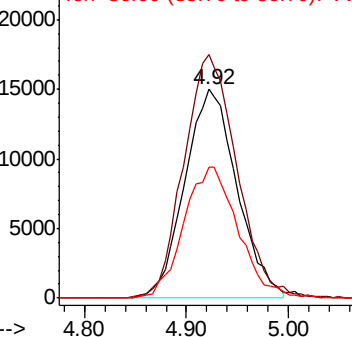
84 100

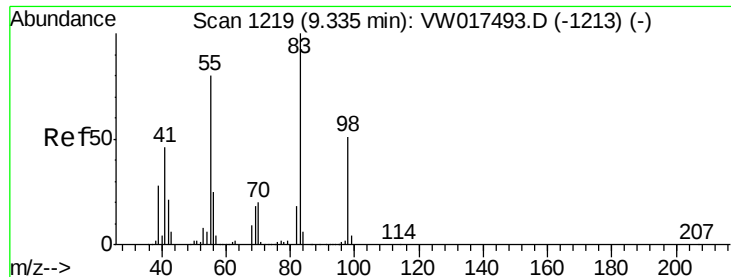
49 116.8 81.2 150.8

86 63.0 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

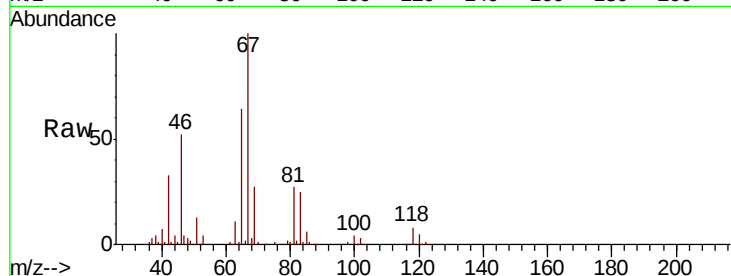




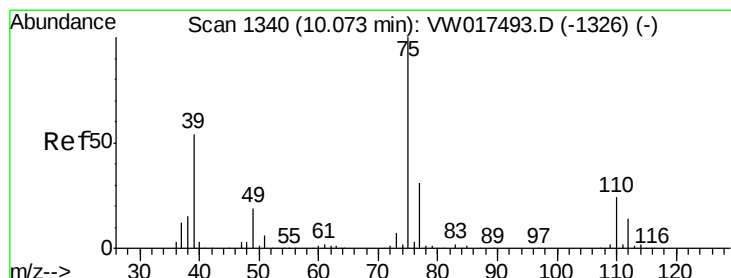
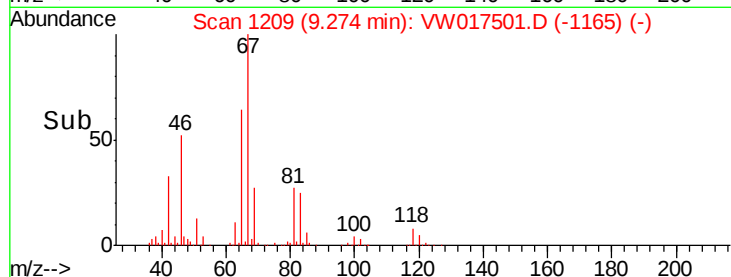
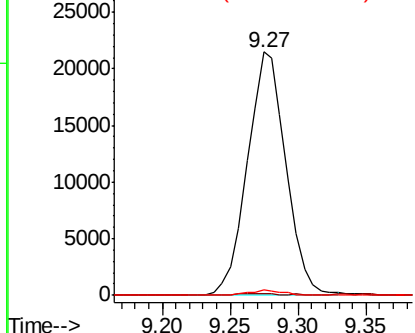
#36
Methylcyclohexane
Concen: 3.786 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017501.D
Acq: 25 Nov 2020 14:17

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 42591
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 1.8 40.7 61.1#

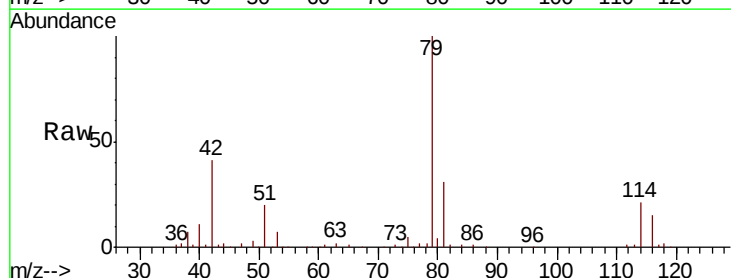


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

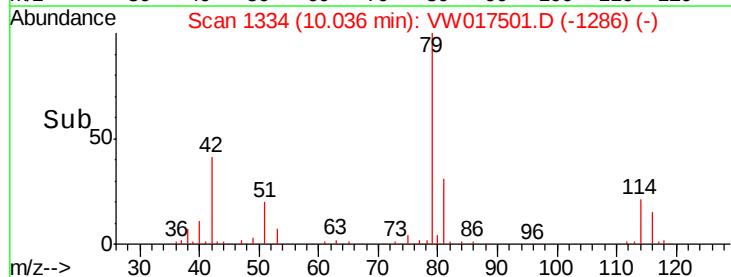
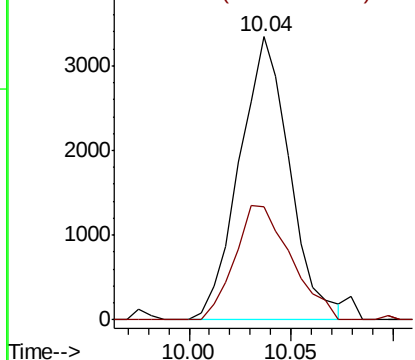


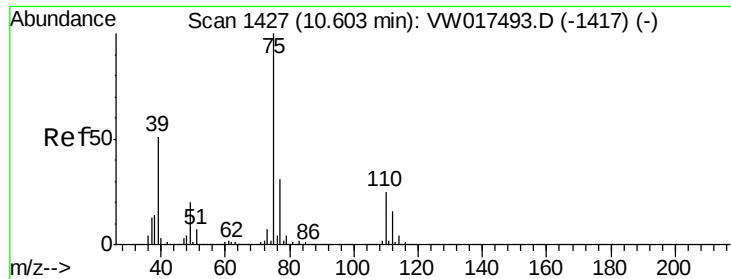
#42
cis-1,3-Dichloropropene
Concen: 0.642 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017501.D
Acq: 25 Nov 2020 14:17

Tgt Ion: 75 Resp: 5729
Ion Ratio Lower Upper
75 100
77 39.9 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: 0.477 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017501.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_W

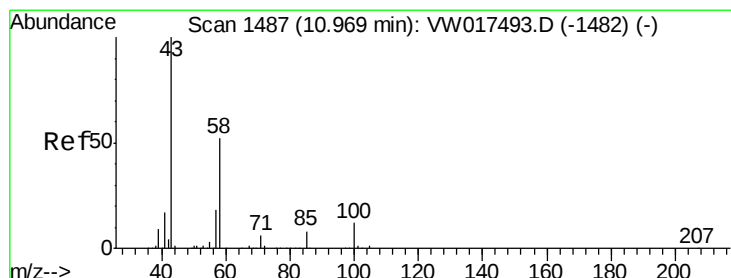
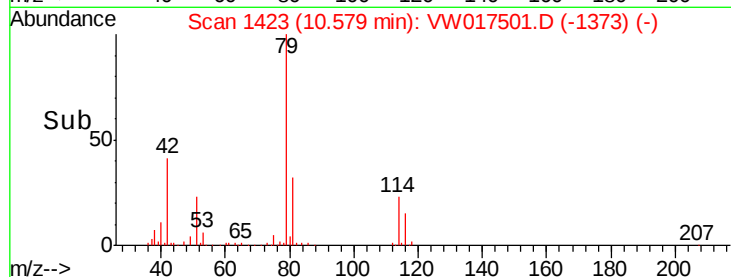
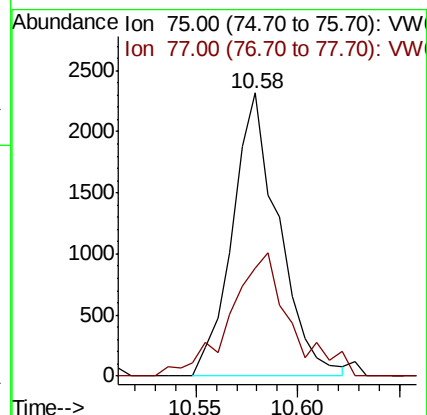
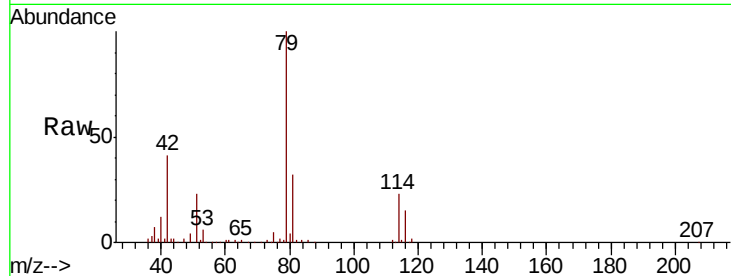
ClientSampled :

Tot Ion: 75 Resp: 3648

Ion Ratio Lower Upper

75 100

77 38.0 22.6 42.0



#49

2-Hexanone

Concen: 0.415 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017501.D

Acq: 25 Nov 2020 14:17

Tgt Ion: 43 Resp: 778

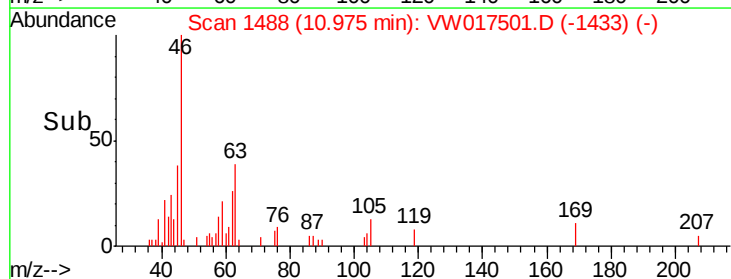
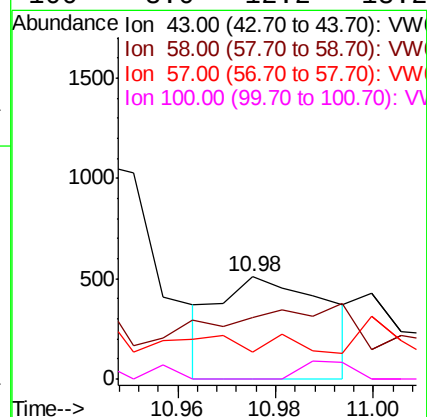
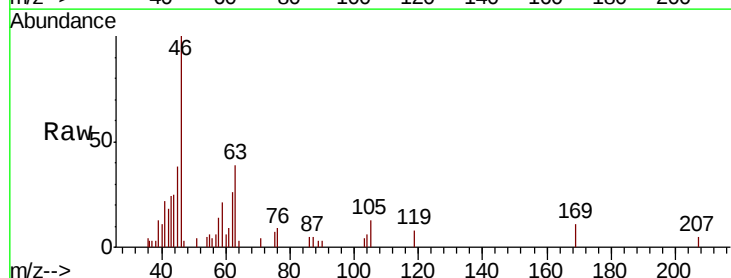
Ion Ratio Lower Upper

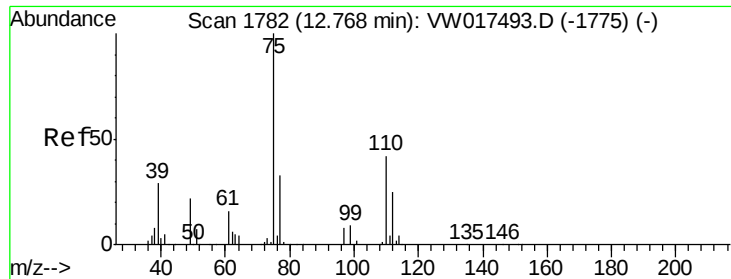
43 100

58 45.2 51.3 76.9#

57 34.8 15.0 22.6#

100 8.0 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 6.828 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017501.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 23426

Ion Ratio Lower Upper

75 100

77 33.9 26.6 39.8

