

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017736.D
 Acq On : 24 Dec 2020 15:13
 Operator : SY/VA
 Sample : L5206-04
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:47:47 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	421109	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385277	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175788	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125815	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.24%
7) Chloroethane-d5	2.89	69	114882	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.44%
10) 1,1-Dichloroethene-d2	4.02	63	168425	14.84	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.36%
20) 2-Butanone-d5	7.08	46	61561	58.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.58%
24) Chloroform-d	7.65	84	245119	22.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.08%
26) 1,2-Dichloroethane-d4	8.31	65	142923	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.36%
29) Benzene-d6	8.27	84	482358	22.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.92%
33) 1,2-Dichloropropane-d6	9.27	67	142991	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.60%
37) Toluene-d8	10.32	98	432574	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.00%
38) trans-1,3-Dichloropropene-	10.58	79	57809	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.72%
39) 2-Hexanone-d5	10.93	63	44193	58.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.66%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	110614	24.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	140692	22.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.92%

Target Compounds

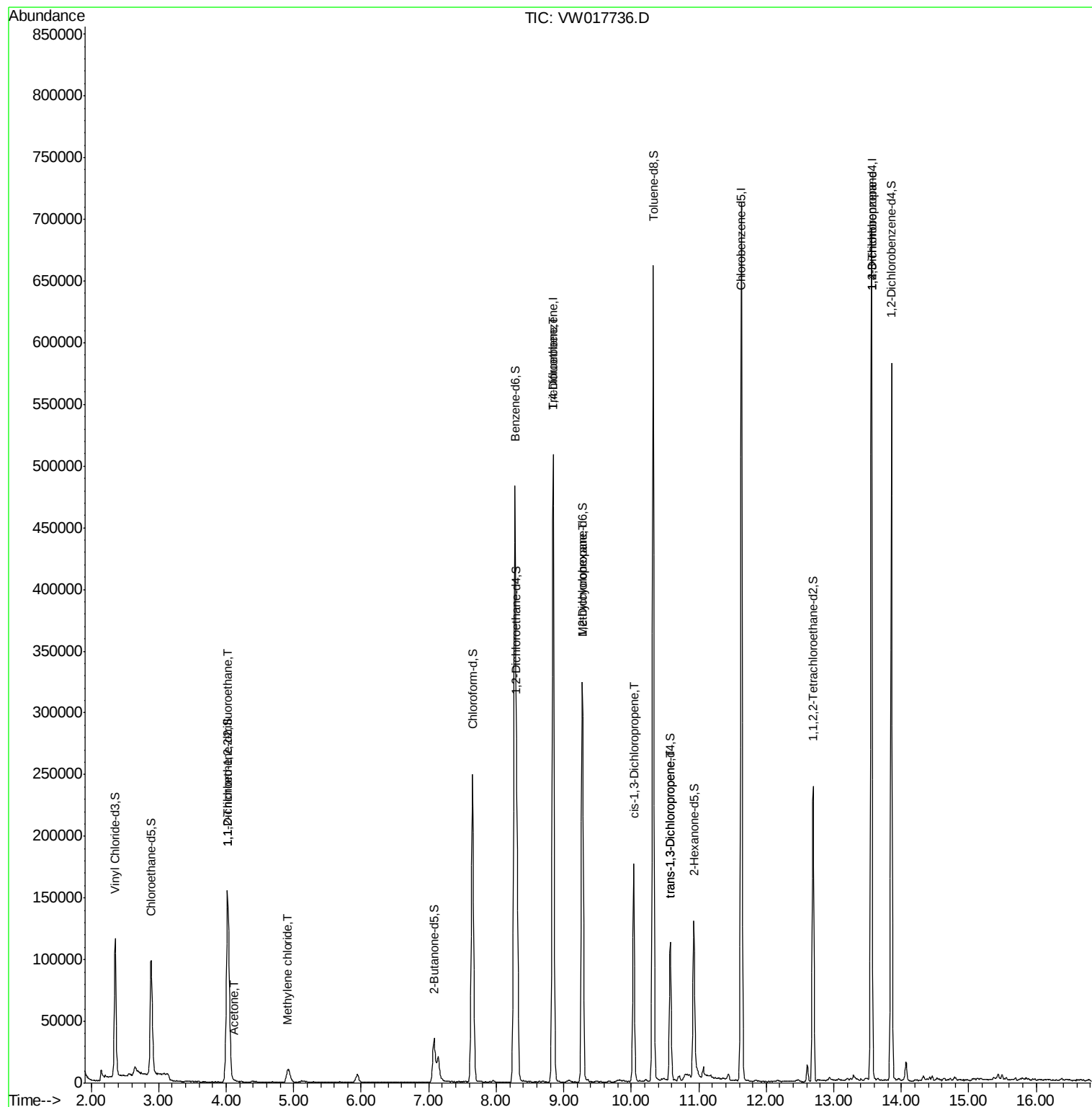
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1670	0.312 ug/L #	20
13) Acetone	4.12	43	624	0.684 ug/L	51
16) Methylene chloride	4.91	84	5018	0.833 ug/L	85
35) Trichloroethene	8.84	95	12908	2.117 ug/L #	4
36) Methylcyclohexane	9.27	83	35630	3.343 ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	5779	0.696 ug/L	84
45) trans-1,3-Dichloropropene	10.58	75	3367	0.476 ug/L	97
59) 1,2,3-Trichloropropane	13.55	75	24857	7.838 ug/L	93

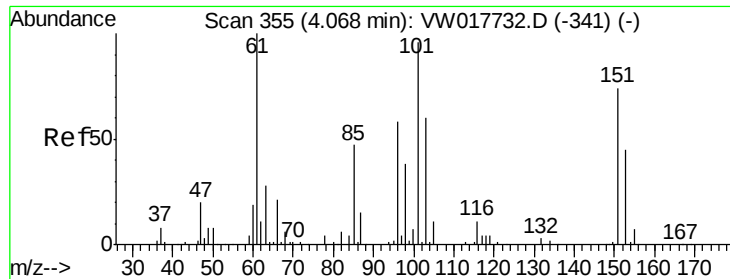
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 25 07:46:43 2020
Response via : Initial Calibration





#11

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

Concen: 0.312 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017736.D

Acq: 24 Dec 2020 15:13

Instrument :

MSVOA_W

ClientSampled :

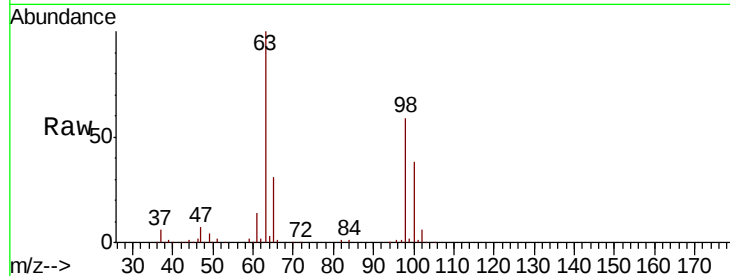
Tot Ion:101 Resp: 1670

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

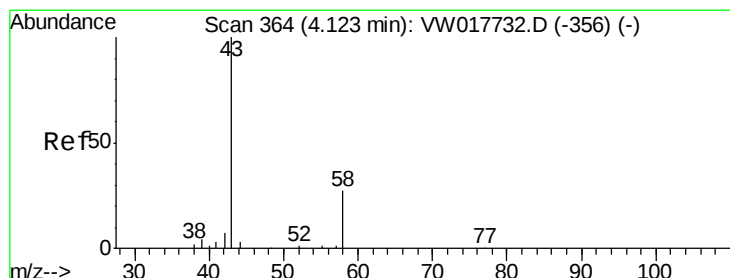
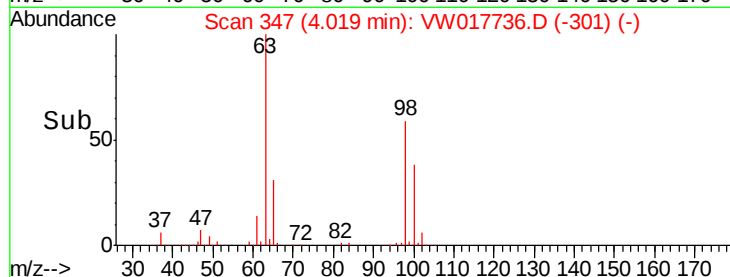
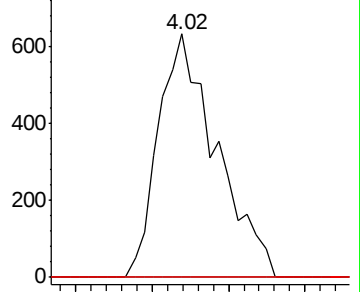
151 0.0 57.7 86.5#



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



#13

Acetone

Concen: 0.684 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017736.D

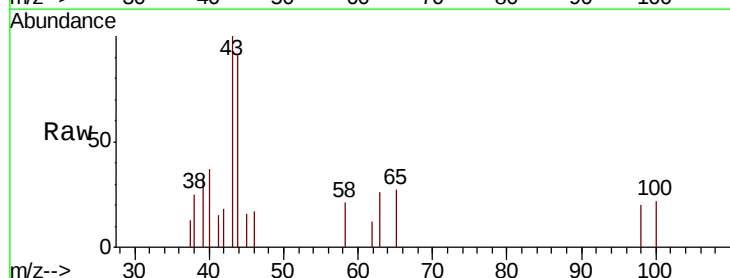
Acq: 24 Dec 2020 15:13

Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

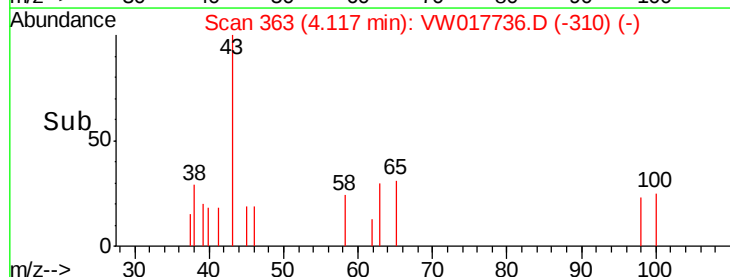
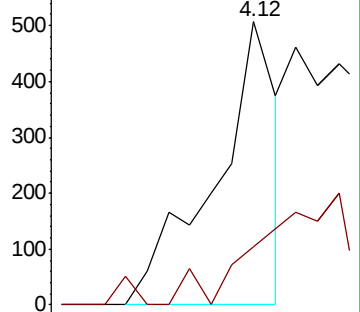
43 100

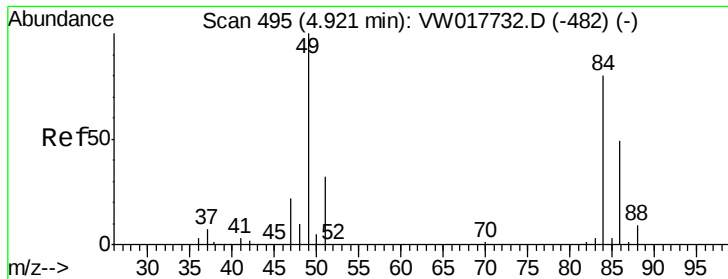
58 3.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

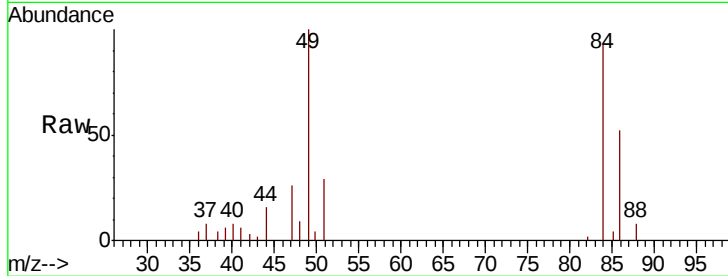




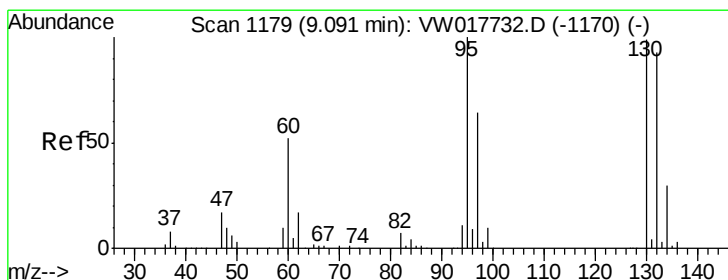
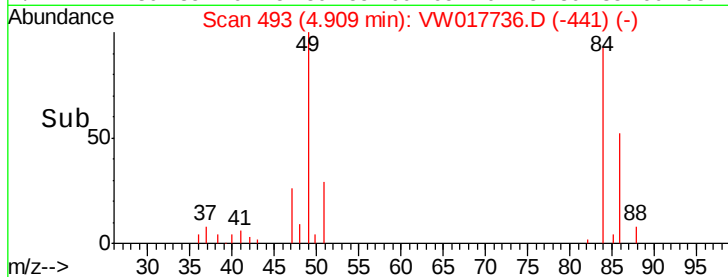
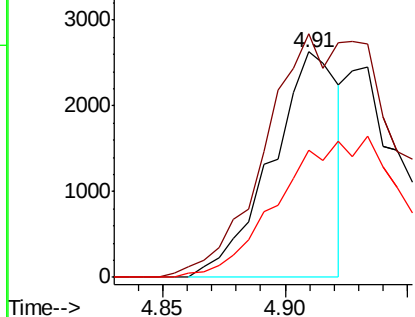
#16
Methvlene chloride
Concen: 0.833 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW017736.D
Acq: 24 Dec 2020 15:13

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 5018
Ion Ratio Lower Upper
84 100
49 108.0 90.5 168.1
86 56.6 44.8 83.2

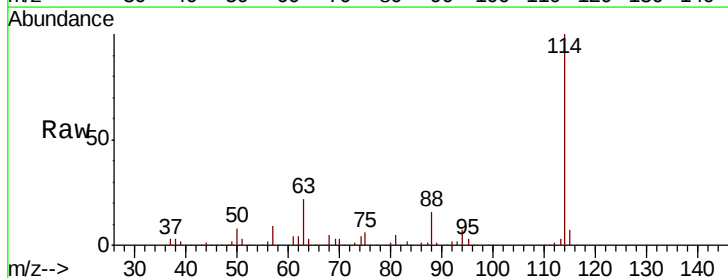


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

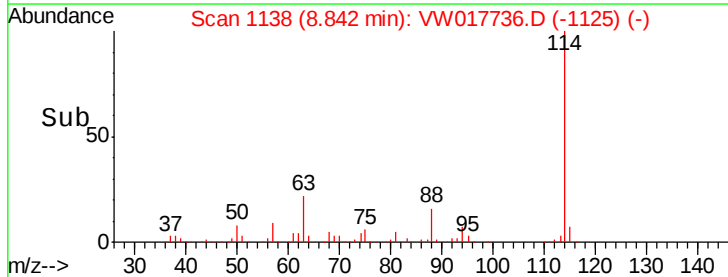
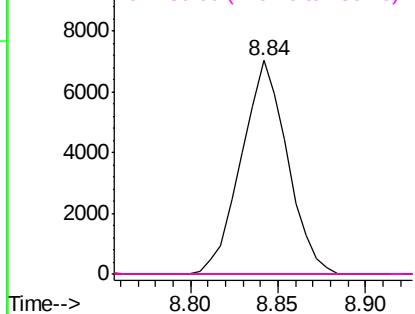


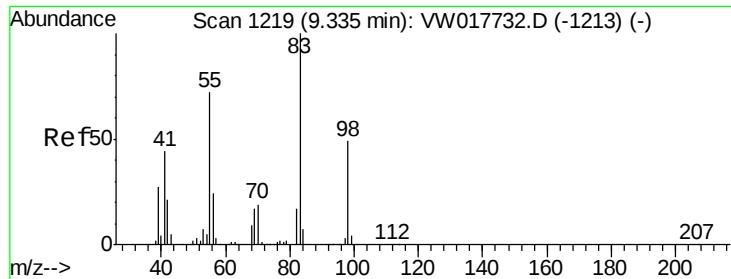
#35
Trichloroethene
Concen: 2.117 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017736.D
Acq: 24 Dec 2020 15:13

Tgt Ion: 95 Resp: 12908
Ion Ratio Lower Upper
95 100
97 0.0 46.8 87.0#
132 0.0 68.3 126.9#
130 0.2 71.8 133.4#



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

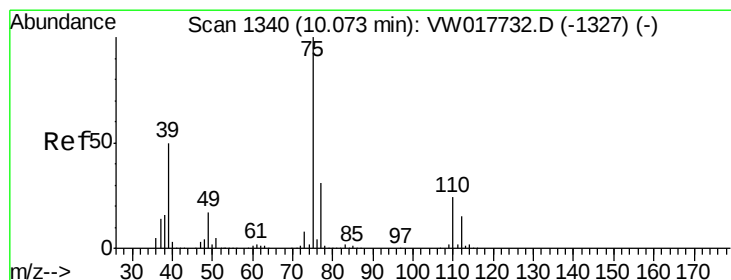
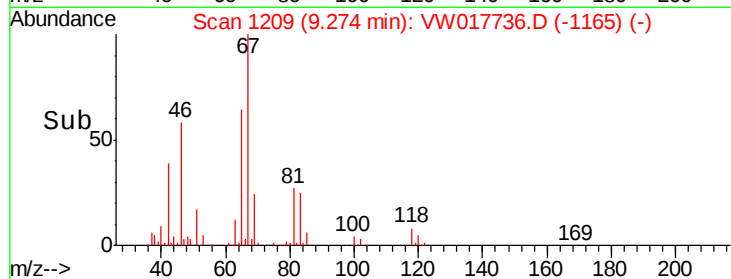
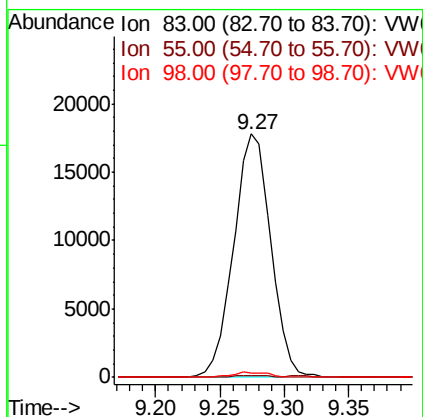
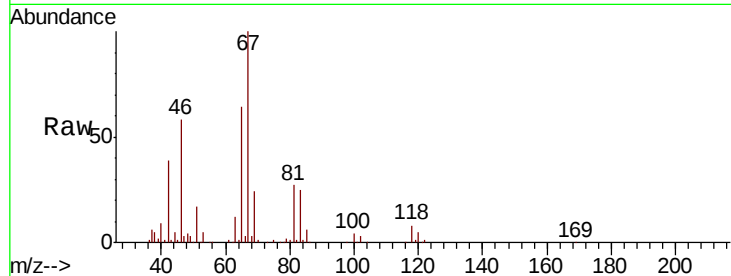




#36
Methylcyclohexane
Concen: 3.343 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017736.D
Acq: 24 Dec 2020 15:13

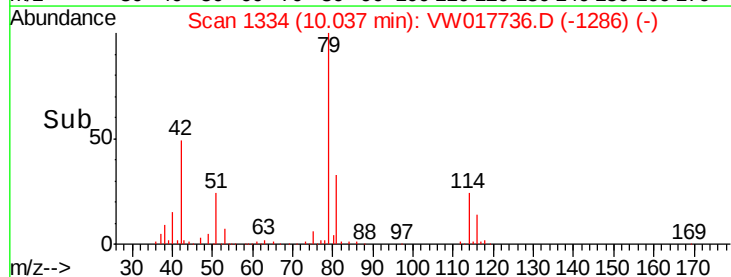
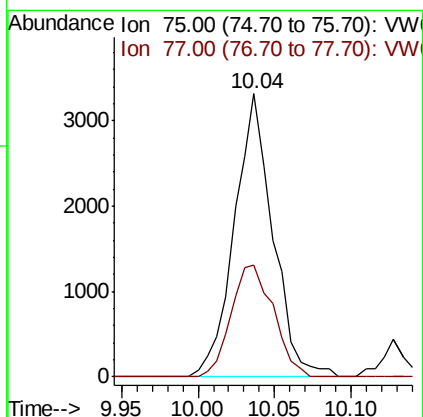
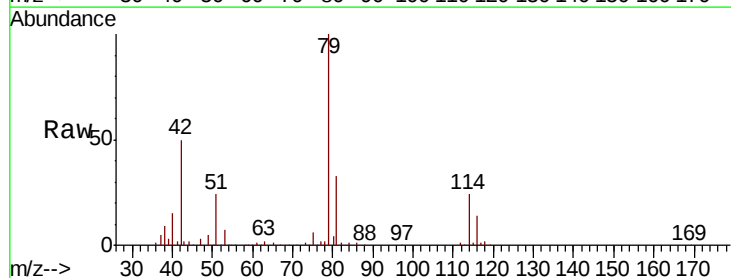
Instrument :
MSVOA_W
ClientSampleId :

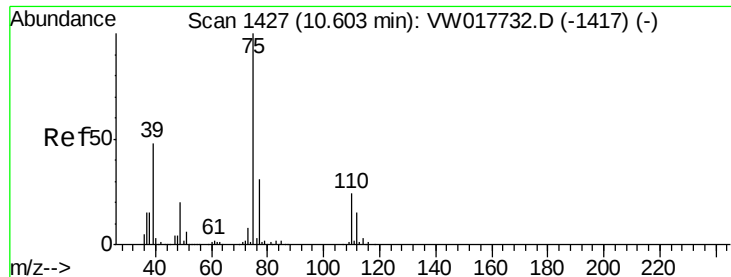
Tot Ion: 83 Resp: 35630
Ion Ratio Lower Upper
83 100
55 0.4 57.6 86.4#
98 1.5 39.7 59.5#



#42
cis-1,3-Dichloropropene
Concen: 0.696 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017736.D
Acq: 24 Dec 2020 15:13

Tgt Ion: 75 Resp: 5779
Ion Ratio Lower Upper
75 100
77 39.4 21.6 40.2





#45

trans-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017736.D

Acq: 24 Dec 2020 15:13

Instrument :

MSVOA_W

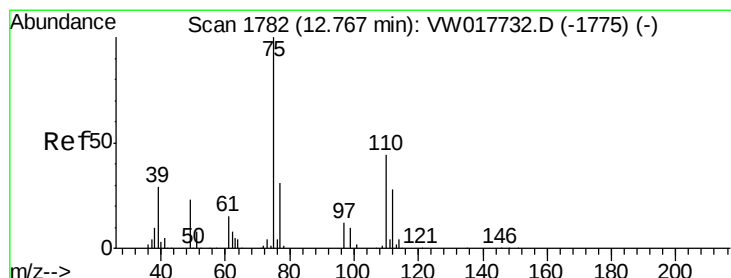
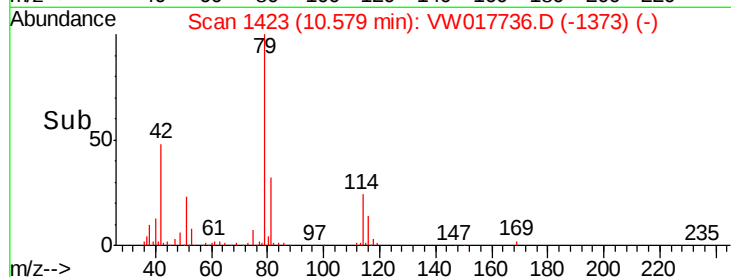
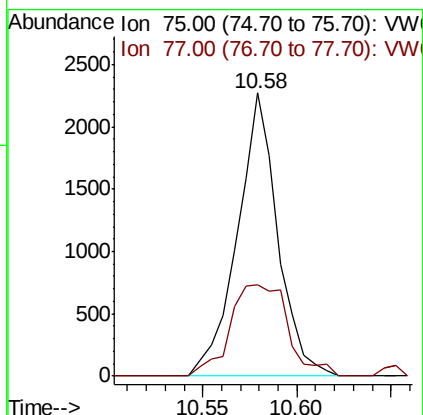
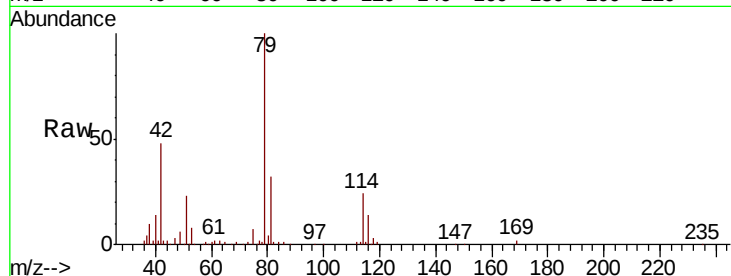
ClientSampled :

Tot Ion: 75 Resp: 3367

Ion Ratio Lower Upper

75 100

77 32.3 21.6 40.0



#59

1,2,3-Trichloropropane

Concen: 7.838 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017736.D

Acq: 24 Dec 2020 15:13

Tgt Ion: 75 Resp: 24857

Ion Ratio Lower Upper

75 100

77 35.7 25.4 38.0

