

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102920\
 Data File : VW017025.D
 Acq On : 29 Oct 2020 14:51
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 30 01:11:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 01:03:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	456664	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	420139	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196733	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121572	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
7) Chloroethane-d5	2.89	69	101392	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
10) 1,1-Dichloroethene-d2	4.02	63	180728	17.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.52%
20) 2-Butanone-d5	7.08	46	63151	63.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.22%
24) Chloroform-d	7.65	84	281883	26.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.04%
26) 1,2-Dichloroethane-d4	8.30	65	139940	28.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.92%
29) Benzene-d6	8.27	84	569384	26.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.52%
33) 1,2-Dichloropropane-d6	9.27	67	159695	27.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.64%
37) Toluene-d8	10.32	98	533718	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.08%
38) trans-1,3-Dichloropropene-	10.58	79	63046	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.00%
39) 2-Hexanone-d5	10.93	63	50774	62.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132417	29.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	196554	28.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.72%

Target Compounds

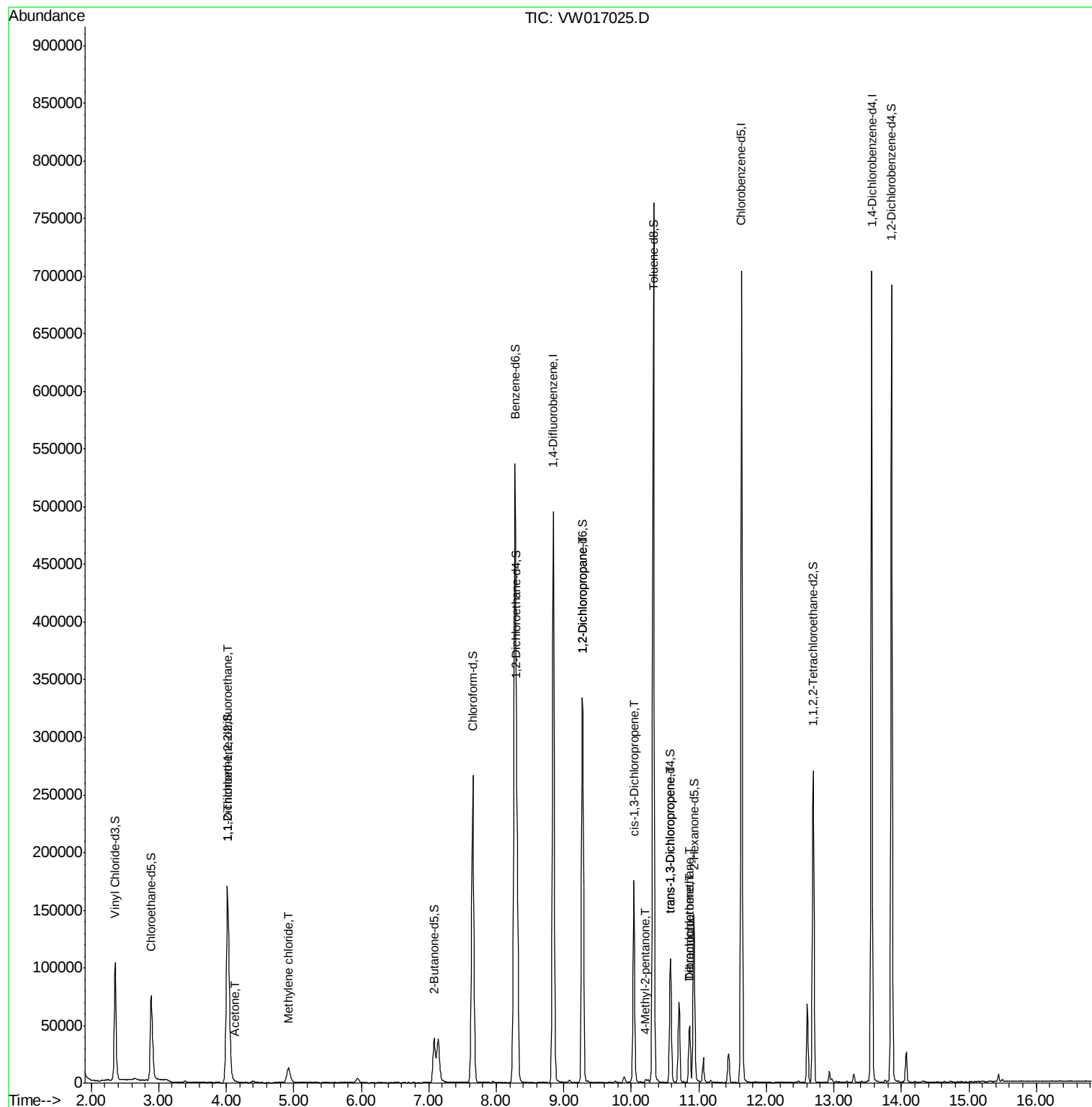
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2013	0.320 ug/L #	17
13) Acetone	4.13	43	603	0.903 ug/L	80
16) Methylene chloride	4.92	84	12744	2.111 ug/L	94
40) 1,2-Dichloropropane	9.27	63	17939	3.461 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4630	0.571 ug/L #	73
43) 4-Methyl-2-pentanone	10.21	43	2149	0.875 ug/L #	73
45) trans-1,3-Dichloropropene	10.58	75	2909	0.433 ug/L #	81
47) Tetrachloroethene	10.87	164	12115	2.049 ug/L	93
50) Dibromochloromethane	10.87	129	11101	2.196 ug/L #	10

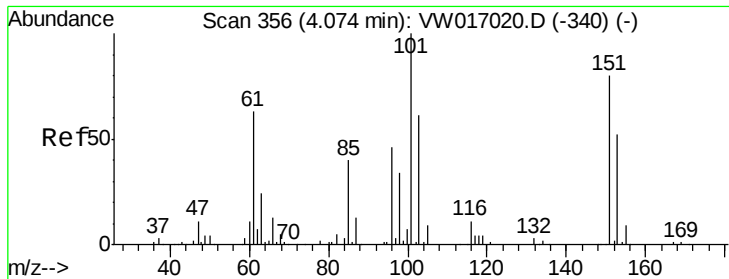
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 30 01:03:22 2020
Response via : Initial Calibration





#11

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

Concen: 0.320 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017025.D

Acq: 29 Oct 2020 14:51

Instrument :

MSVOA_W

ClientSampled :

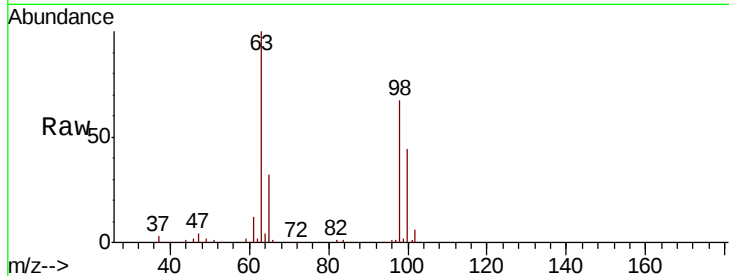
Tot Ion:101 Resp: 2013

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

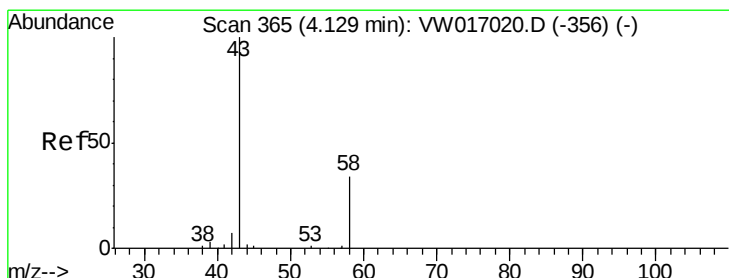
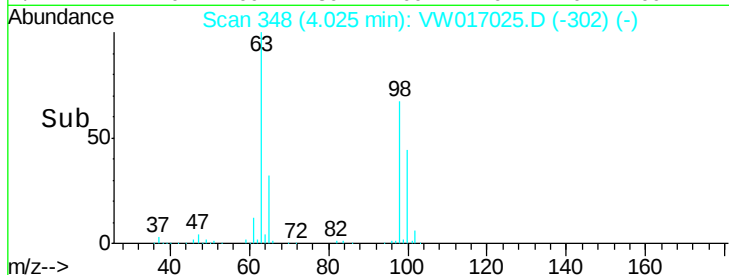
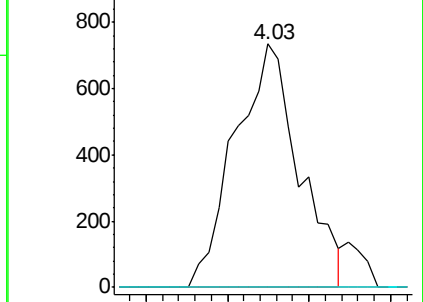
151 0.0 65.7 98.5#



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: 0.903 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017025.D

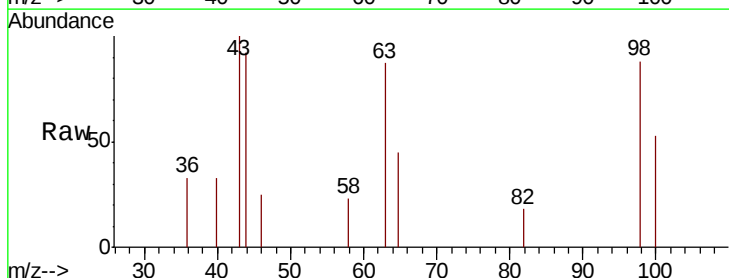
Acq: 29 Oct 2020 14:51

Tgt Ion: 43 Resp: 603

Ion Ratio Lower Upper

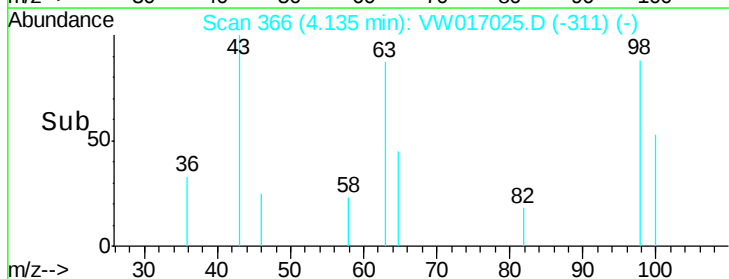
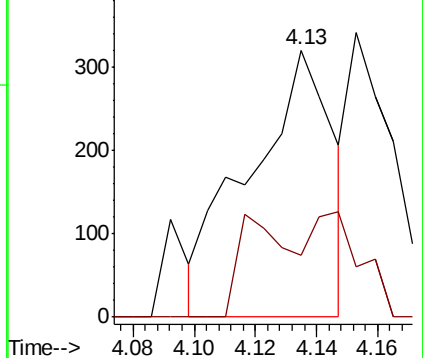
43 100

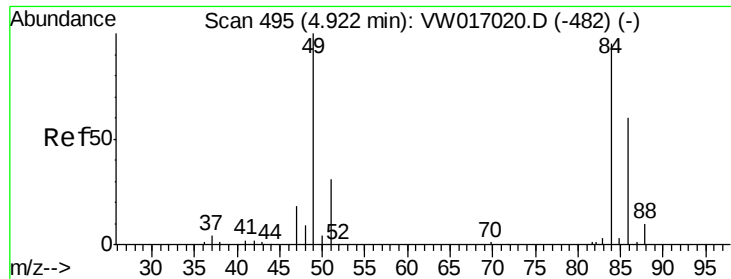
58 23.4 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

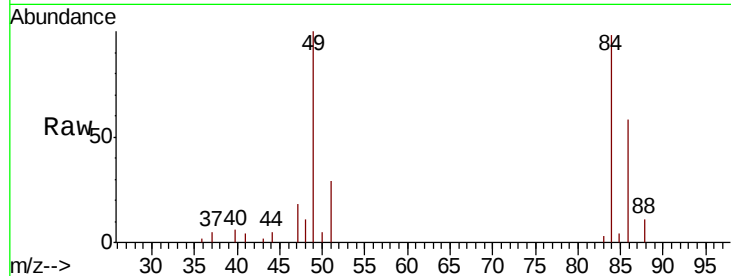




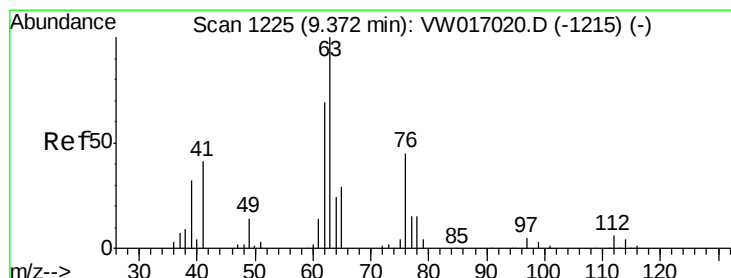
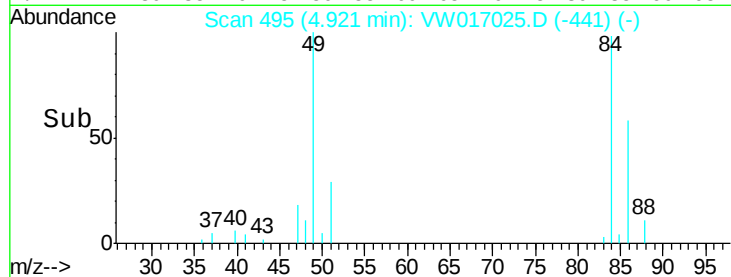
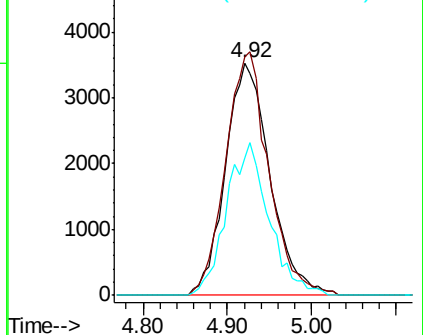
#16
Methylene chloride
Concen: 2.111 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017025.D
Acq: 29 Oct 2020 14:51

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 12744
Ion Ratio Lower Upper
84 100
49 102.2 73.8 137.0
86 59.0 47.4 88.0

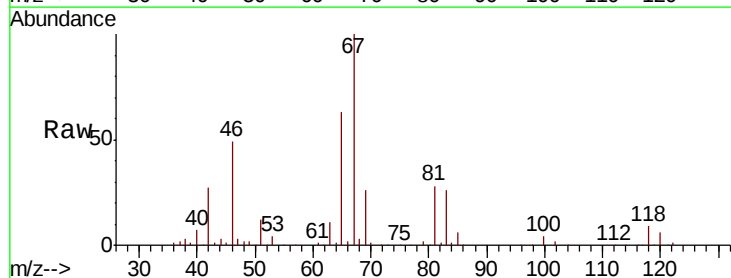


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

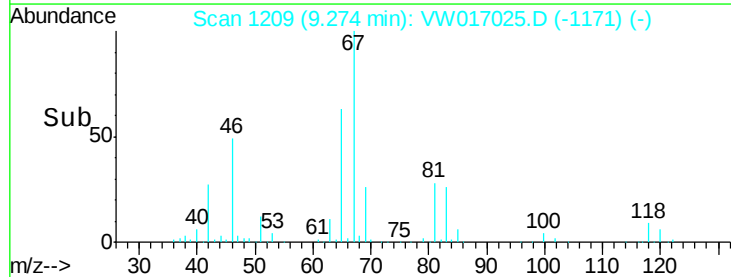
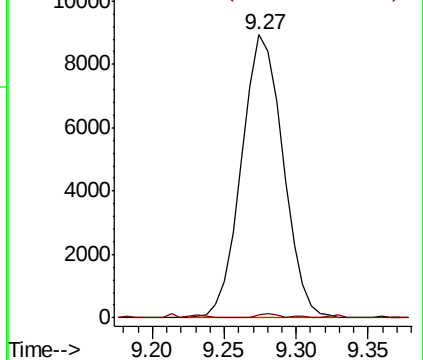


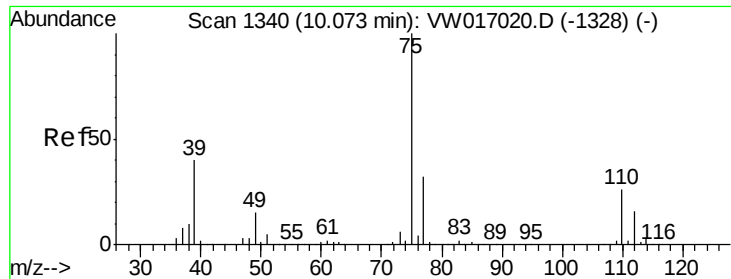
#40
1,2-Dichloropropane
Concen: 3.461 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017025.D
Acq: 29 Oct 2020 14:51

Tgt Ion: 63 Resp: 17939
Ion Ratio Lower Upper
63 100
112 0.6 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: 0.571 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017025.D

Acq: 29 Oct 2020 14:51

Instrument :

MSVOA_W

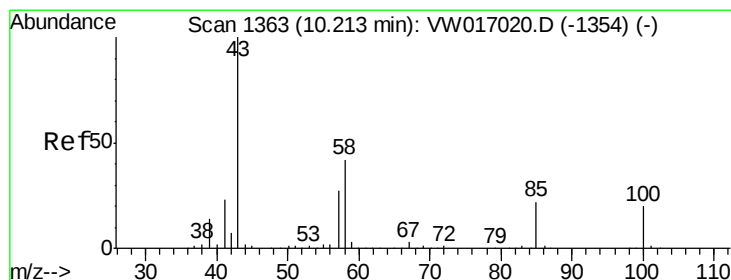
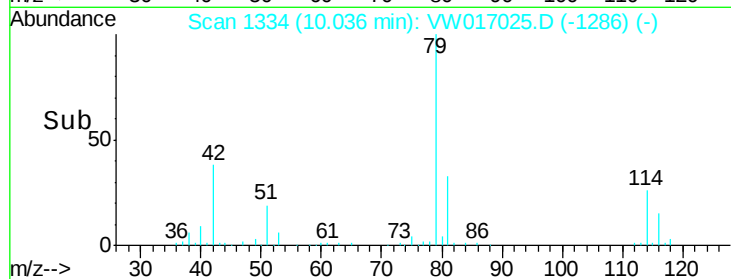
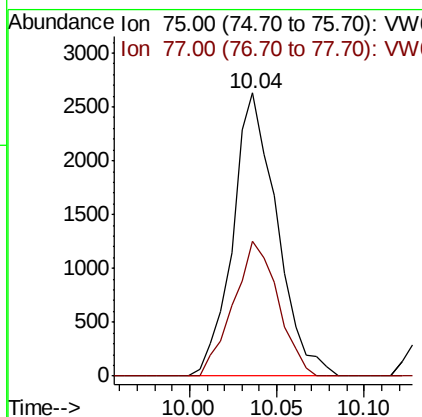
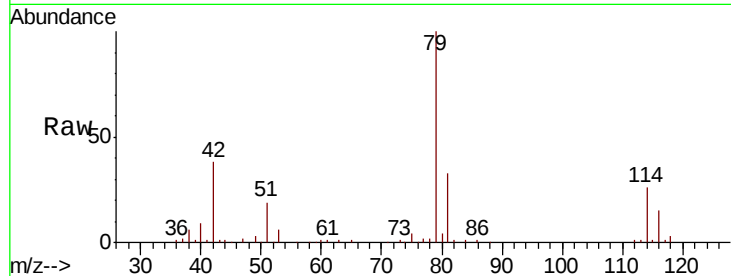
ClientSampleId :

Tot Ion: 75 Resp: 4630

Ion Ratio Lower Upper

75 100

77 47.7 22.7 42.1#



#43

4-Methyl-2-pentanone

Concen: 0.875 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017025.D

Acq: 29 Oct 2020 14:51

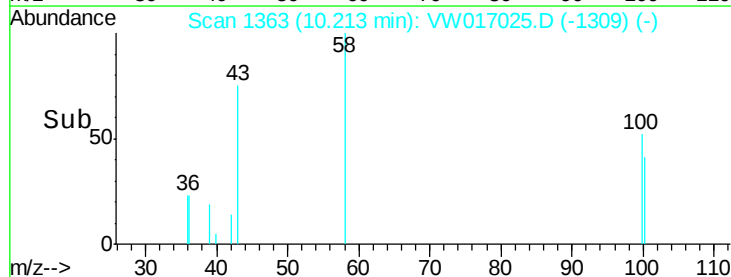
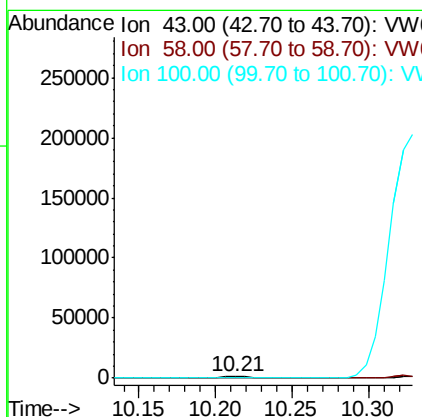
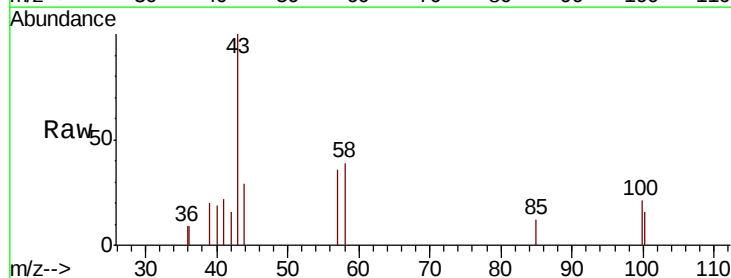
Tgt Ion: 43 Resp: 2149

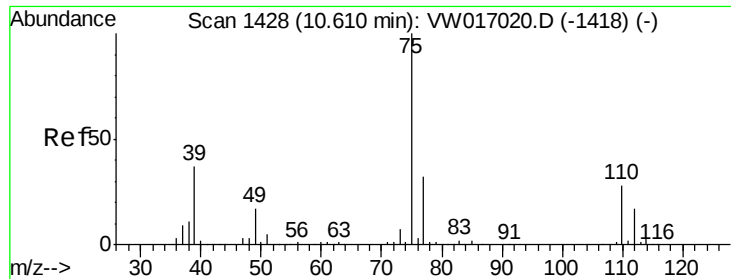
Ion Ratio Lower Upper

43 100

58 20.2 34.4 51.6#

100 24.0 16.2 24.2





#45

trans-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017025.D

Acq: 29 Oct 2020 14:51

Instrument :

MSVOA_W

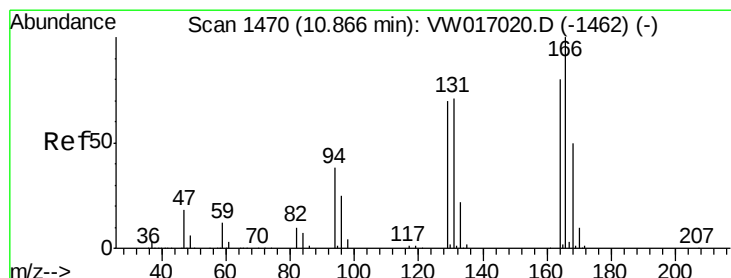
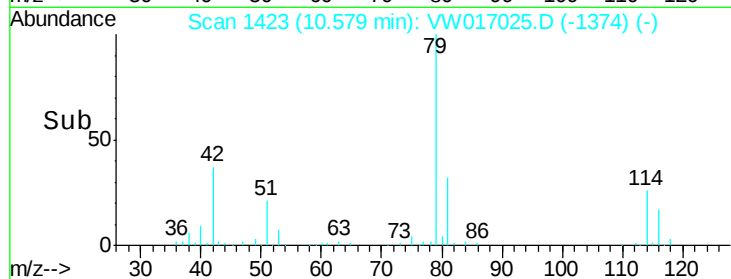
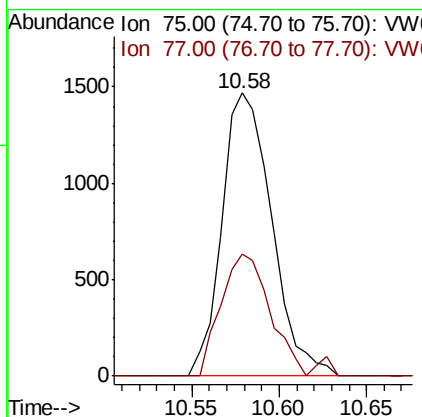
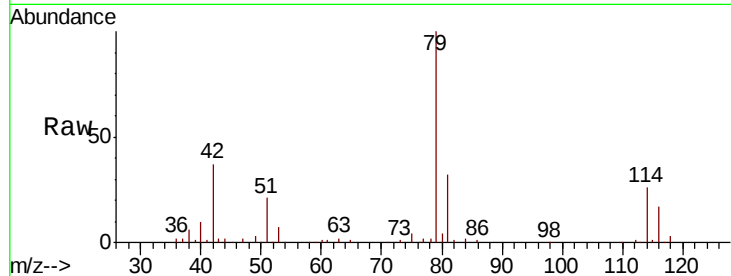
ClientSampleId :

Tot Ion: 75 Resp: 2909

Ion Ratio Lower Upper

75 100

77 43.1 22.7 42.3#



#47

Tetrachloroethene

Concen: 2.049 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017025.D

Acq: 29 Oct 2020 14:51

Tgt Ion: 164 Resp: 12115

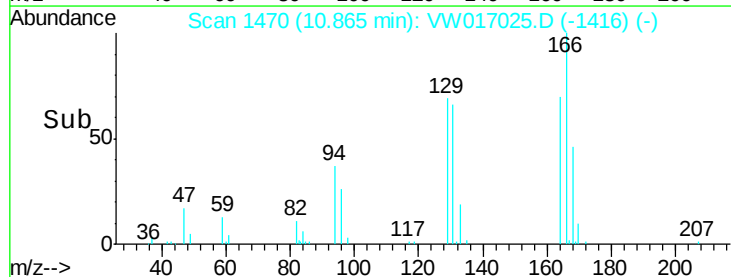
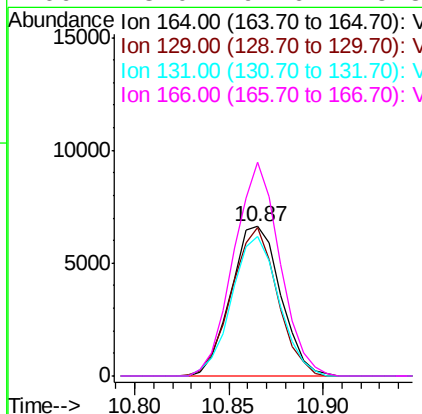
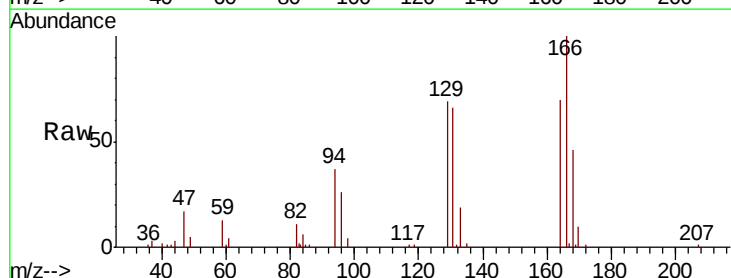
Ion Ratio Lower Upper

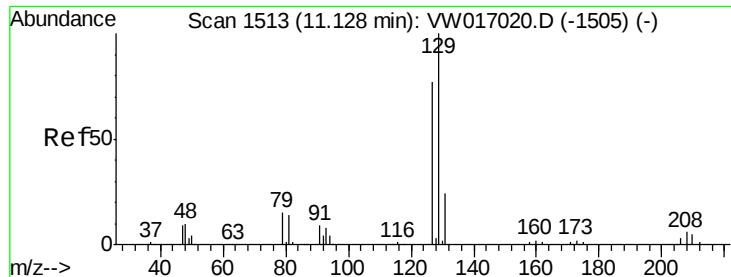
164 100

129 99.0 64.0 119.0

131 93.7 61.7 114.5

166 143.0 94.6 175.8

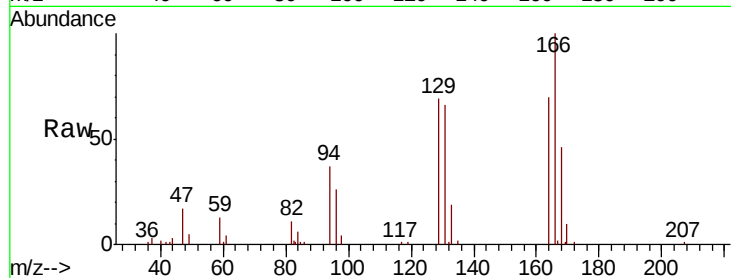




#50
 Dibromochloromethane
 Concen: 2.196 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW017025.D
 Acq: 29 Oct 2020 14:51

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:129 Resp: 11101
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

