

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017843.D
 Acq On : 12 Jan 2021 18:13
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 13 03:23:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	329853	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	299767	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139567	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	121614	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.32%
7) Chloroethane-d5	2.89	69	103086	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
10) 1,1-Dichloroethene-d2	4.02	63	169151	19.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.08%
20) 2-Butanone-d5	7.08	46	47988	58.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.02%
24) Chloroform-d	7.65	84	218425	25.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.36%
26) 1,2-Dichloroethane-d4	8.31	65	124141	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.32%
29) Benzene-d6	8.27	84	425496	25.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.80%
33) 1,2-Dichloropropane-d6	9.27	67	123836	26.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.44%
37) Toluene-d8	10.32	98	399860	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.64%
38) trans-1,3-Dichloropropene-	10.58	79	50933	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.20%
39) 2-Hexanone-d5	10.93	63	34481	58.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90448	26.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	120013	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

Target Compounds

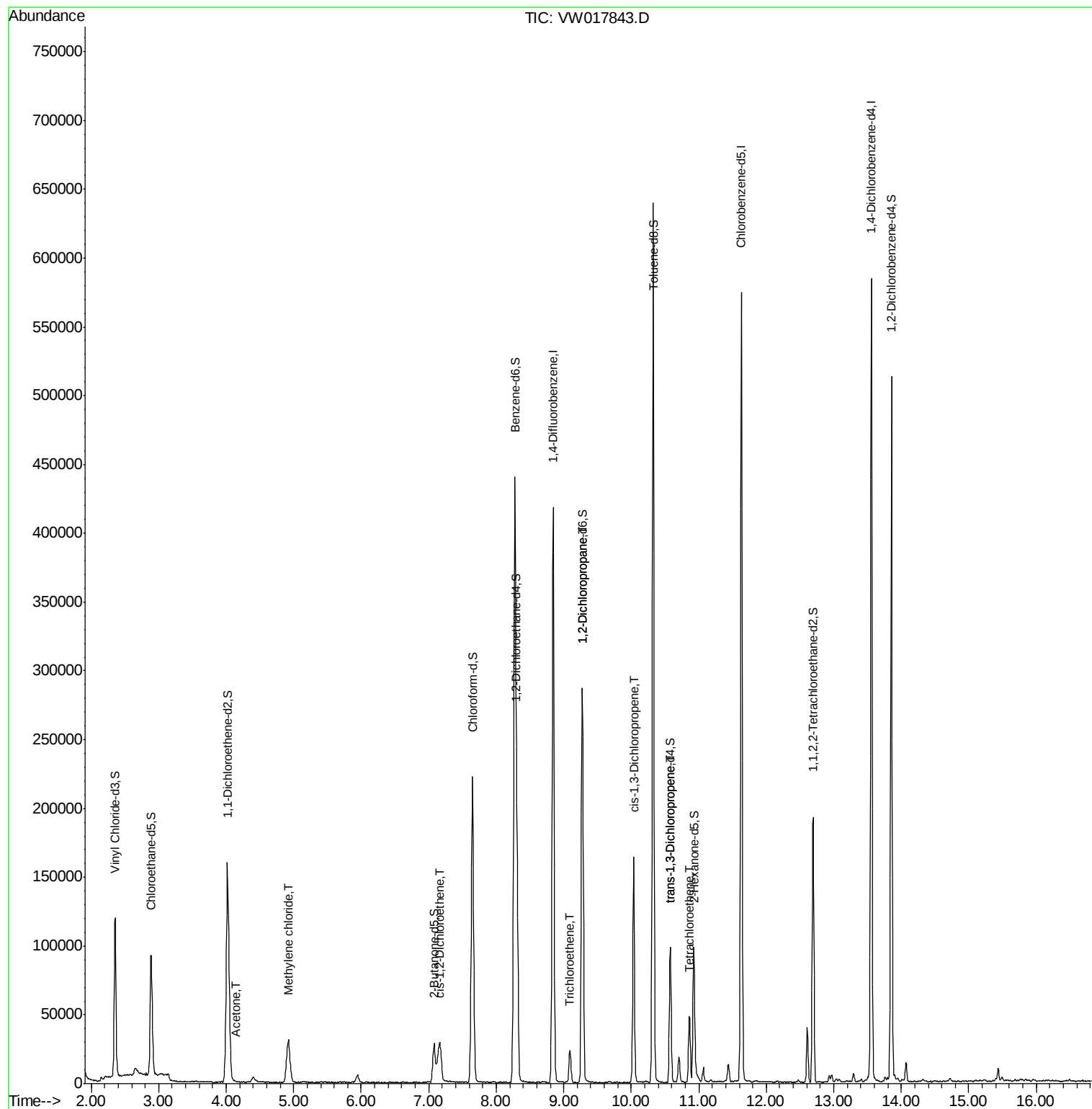
					Ovalue
13) Acetone	4.14	43	603	0.844 ug/L	70
16) Methylene chloride	4.92	84	25194	5.341 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	12541	2.722 ug/L	95
35) Trichloroethene	9.09	95	7311	1.541 ug/L	97
40) 1,2-Dichloropropane	9.27	63	15527	3.837 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	4909	0.760 ug/L	85
45) trans-1,3-Dichloropropene	10.58	75	2777	0.505 ug/L #	57
47) Tetrachloroethene	10.86	164	9652	2.602 ug/L	94

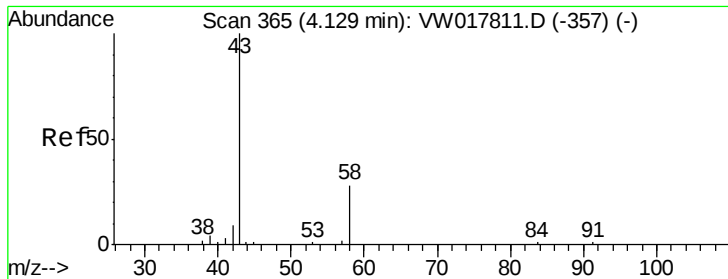
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 08 21:58:14 2021
Response via : Initial Calibration





#13

Acetone

Concen: 0.844 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017843.D

Acq: 12 Jan 2021 18:13

Instrument :

MSVOA_W

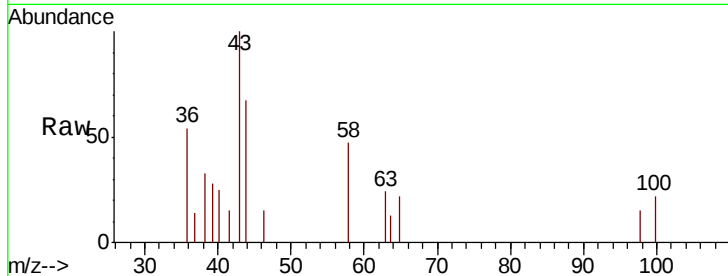
ClientSampled :

Tot Ion: 43 Resp: 603

Ion Ratio Lower Upper

43 100

58 46.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

400

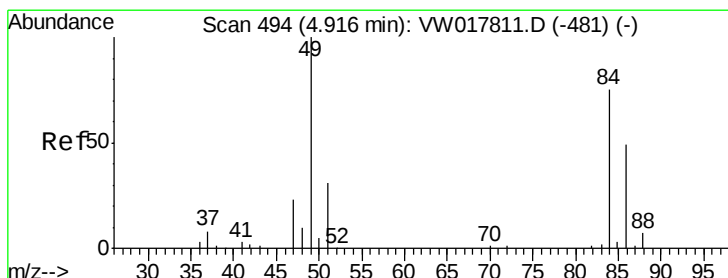
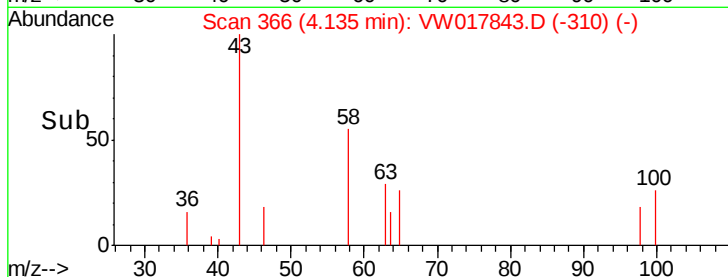
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 5.341 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017843.D

Acq: 12 Jan 2021 18:13

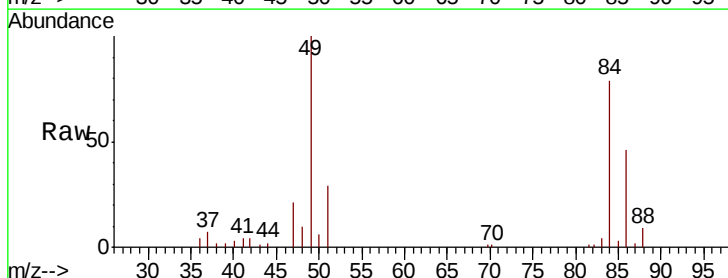
Tgt Ion: 84 Resp: 25194

Ion Ratio Lower Upper

84 100

49 127.0 90.5 168.1

86 57.9 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

12000

10000

8000

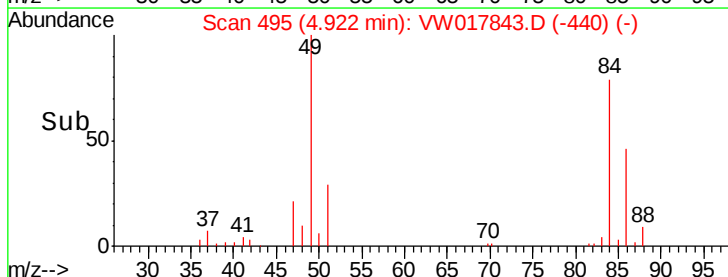
6000

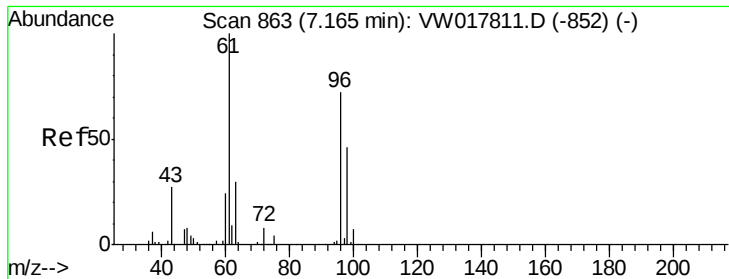
4000

2000

0

Time-->



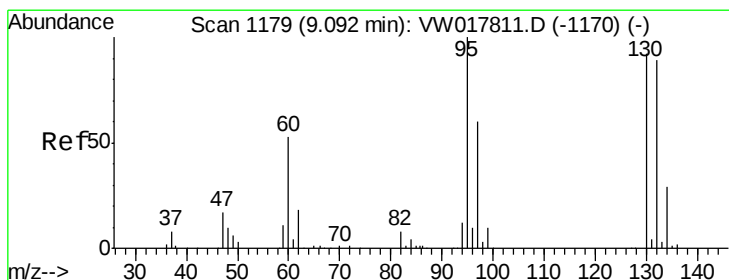
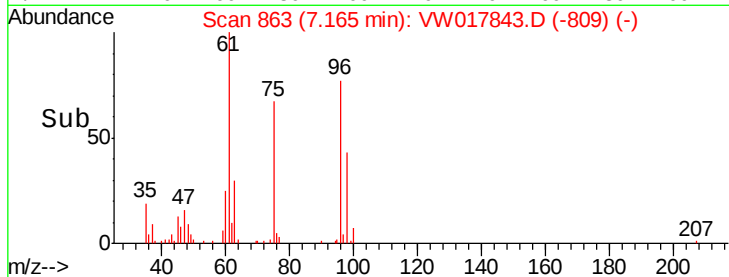
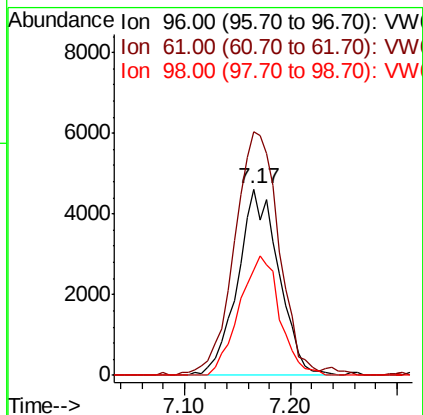
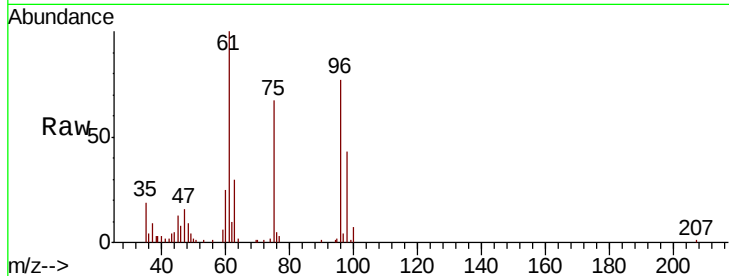


#22

cis-1,2-Dichloroethene
Concen: 2.722 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW017843.D
Acq: 12 Jan 2021 18:13

Instrument :
MSVOA_W
ClientSampleId :

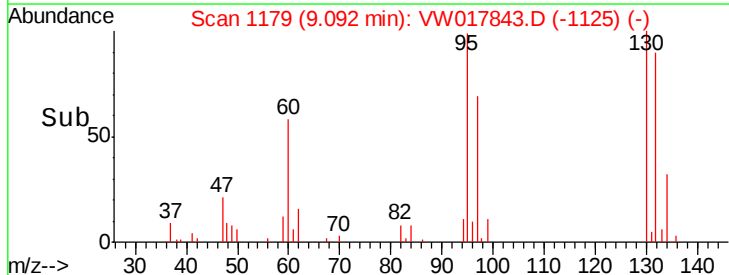
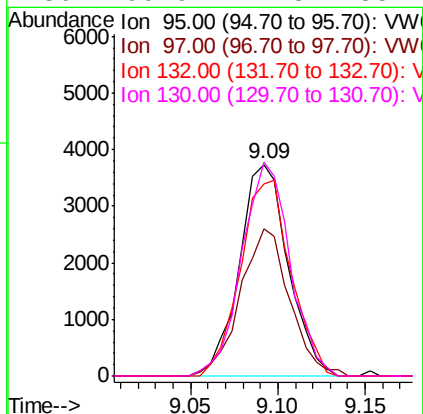
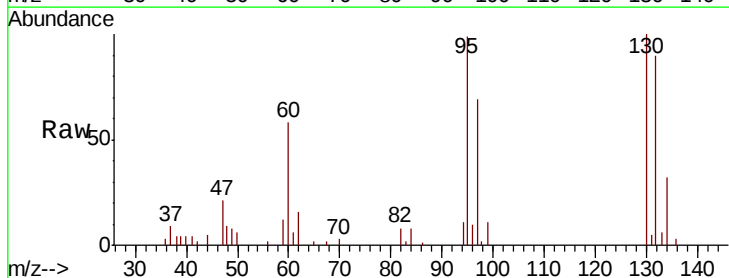
Tot Ion: 96 Resp: 12541
Ion Ratio Lower Upper
96 100
61 130.6 88.2 163.8
98 56.7 43.7 81.1

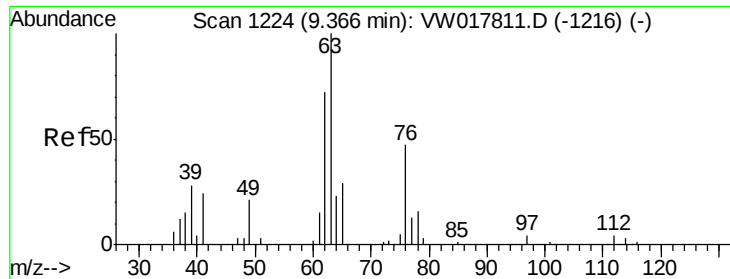


#35

Trichloroethene
Concen: 1.541 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW017843.D
Acq: 12 Jan 2021 18:13

Tgt Ion: 95 Resp: 7311
Ion Ratio Lower Upper
95 100
97 69.9 46.8 87.0
132 96.0 68.3 126.9
130 99.9 71.8 133.4

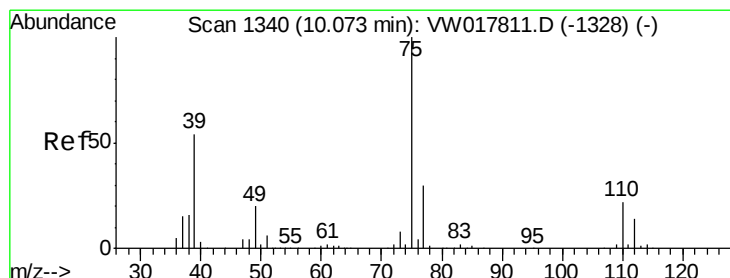
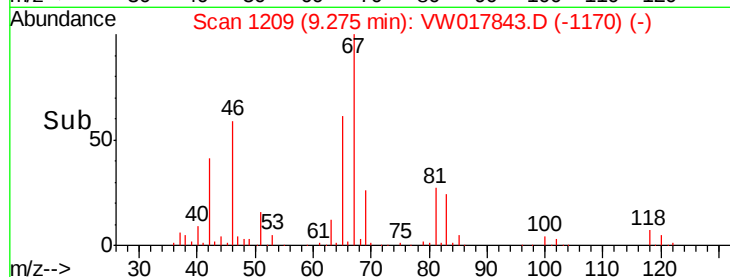
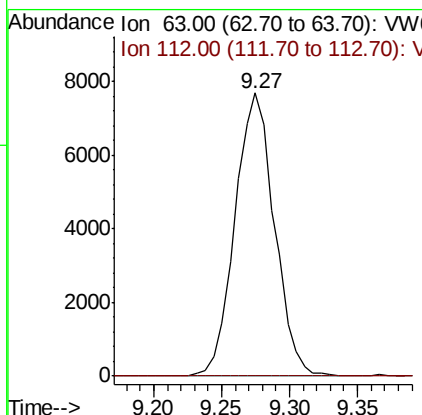
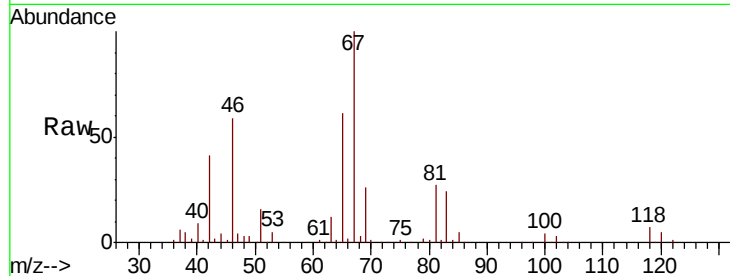




#40
 1,2-Dichloropropane
 Concen: 3.837 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW017843.D
 Acq: 12 Jan 2021 18:13

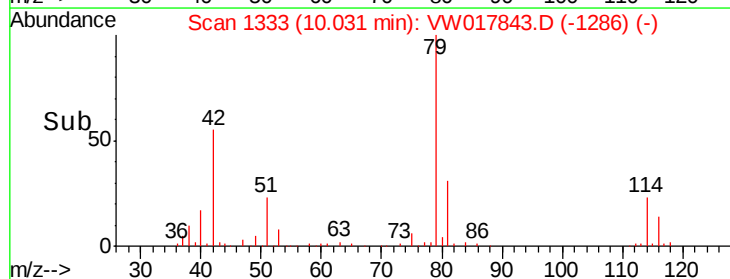
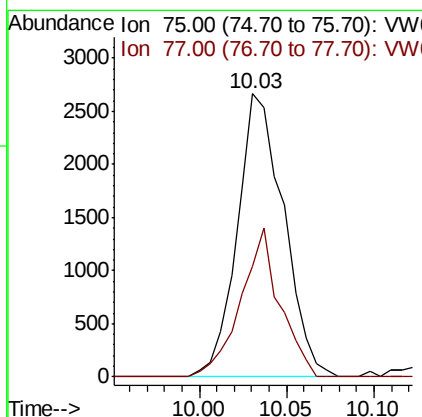
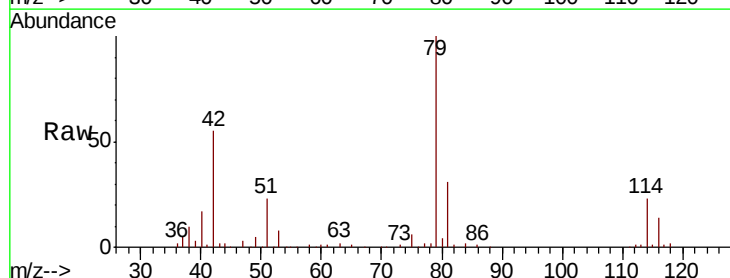
Instrument :
 MSVOA_W
 ClientSampled :

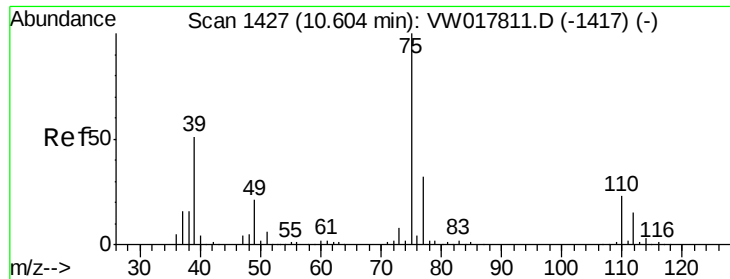
Tot Ion: 63 Resp: 15527
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.760 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW017843.D
 Acq: 12 Jan 2021 18:13

Tgt Ion: 75 Resp: 4909
 Ion Ratio Lower Upper
 75 100
 77 39.1 21.6 40.2





#45

trans-1,3-Dichloropropene

Concen: 0.505 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017843.D

Acq: 12 Jan 2021 18:13

Instrument :

MSVOA_W

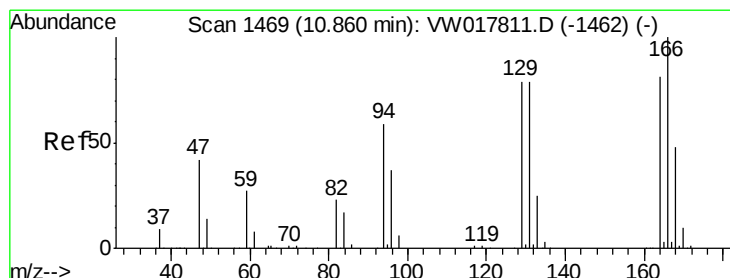
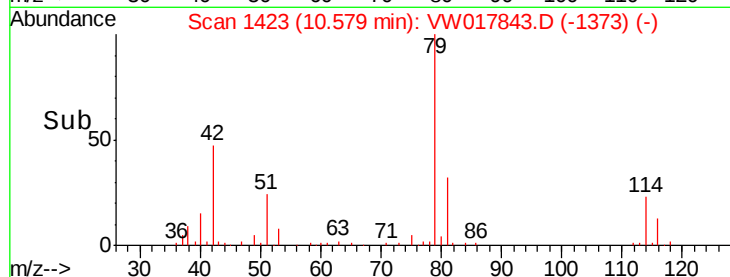
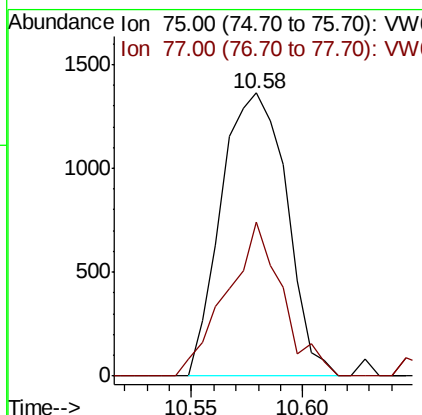
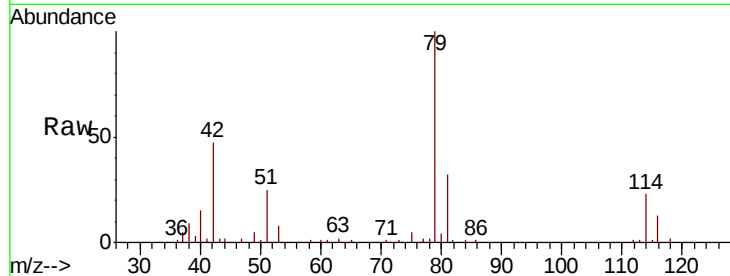
ClientSampleId :

Tot Ion: 75 Resp: 2777

Ion Ratio Lower Upper

75 100

77 54.3 21.6 40.0#



#47

Tetrachloroethene

Concen: 2.602 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW017843.D

Acq: 12 Jan 2021 18:13

Tgt Ion:164 Resp: 9652

Ion Ratio Lower Upper

164 100

129 100.7 62.9 116.9

131 90.2 63.8 118.6

166 119.5 87.4 162.2

