

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016073.D
 Acq On : 07 Aug 2020 13:22
 Operator : SY/VA
 Sample : L3579-10
 Misc : 6.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 03:22:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 03:18:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	267462	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	131823	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	21051	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	65943	17.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.88%
7) Chloroethane-d5	2.89	69	57031	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
10) 1,1-Dichloroethene-d2	4.01	63	107006	14.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.08%
20) 2-Butanone-d5	7.09	46	38975	39.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.62%
24) Chloroform-d	7.65	84	162320	21.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.44%
26) 1,2-Dichloroethane-d4	8.31	65	84486	20.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.96%
29) Benzene-d6	8.27	84	281632	35.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	140.40%#
33) 1,2-Dichloropropane-d6	9.27	67	85586	35.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.32%#
37) Toluene-d8	10.32	98	172215	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.76%
38) trans-1,3-Dichloropropene-	10.58	79	31358	30.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	122.32%
39) 2-Hexanone-d5	10.93	63	31041	77.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	55163	29.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	16402	19.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.92%

Target Compounds

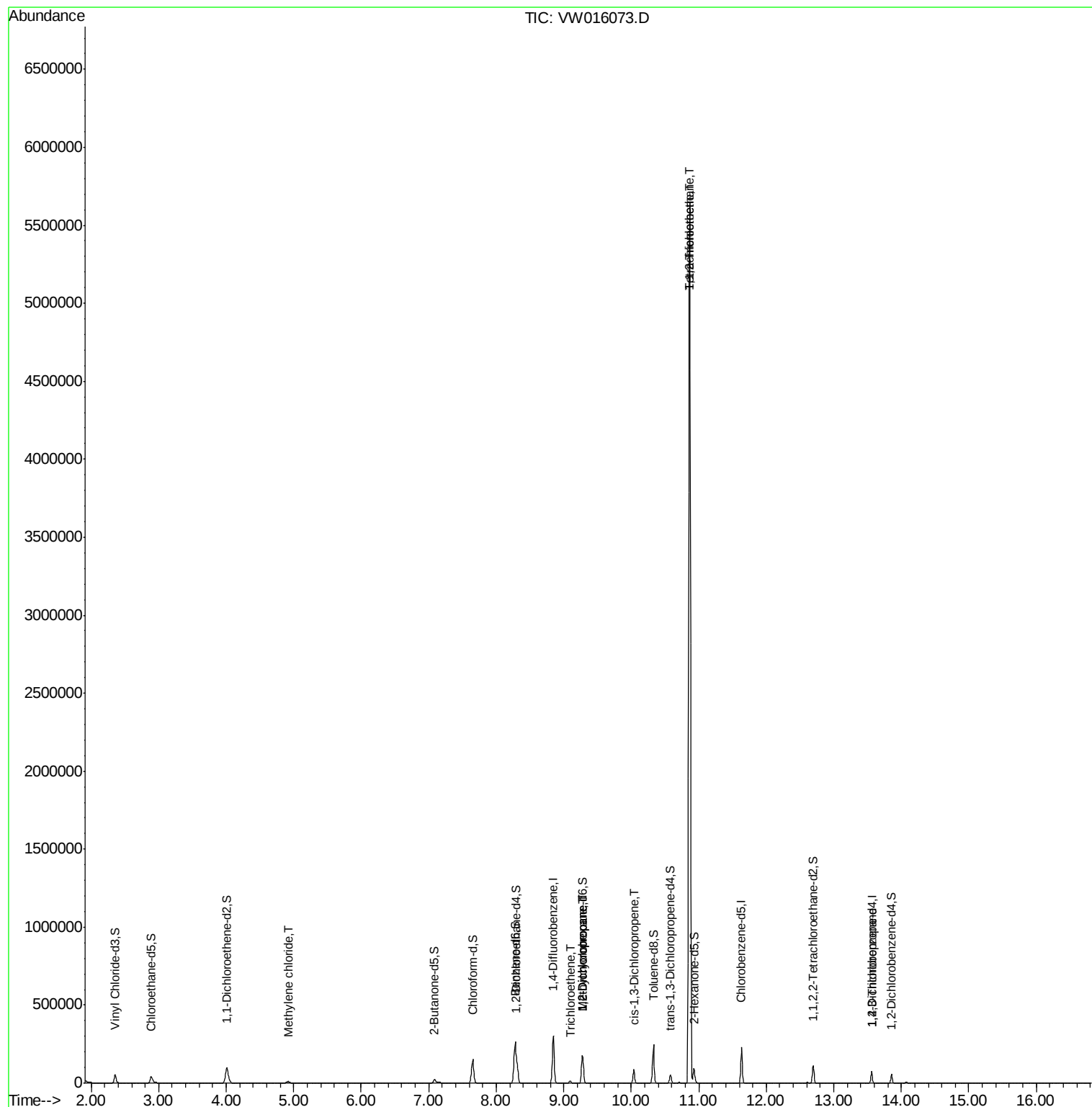
					Ovalue
16) Methylene chloride	4.92	84	7990	1.823 ug/L	88
35) Trichloroethene	9.10	95	4285	2.023 ug/L	91
36) Methylcyclohexane	9.27	83	21668	5.962 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	9333	4.705 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	2115	0.700 ug/L #	73
46) 1,1,2-Trichloroethane	10.87	97	10494	7.358 ug/L #	1
47) Tetrachloroethene	10.87	164	1376652	837.396 ug/L	94
59) 1,2,3-Trichloropropane	13.55	75	2088	1.664 ug/L	89

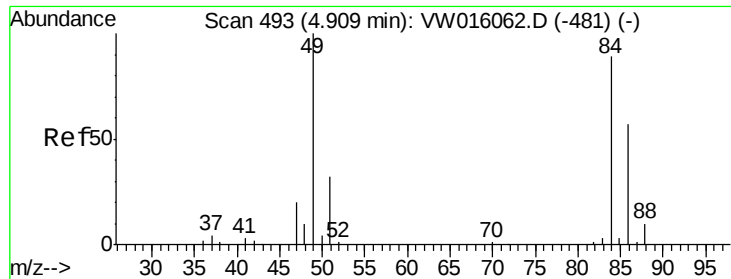
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Aug 08 03:22:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 03:18:33 2020
Response via : Initial Calibration

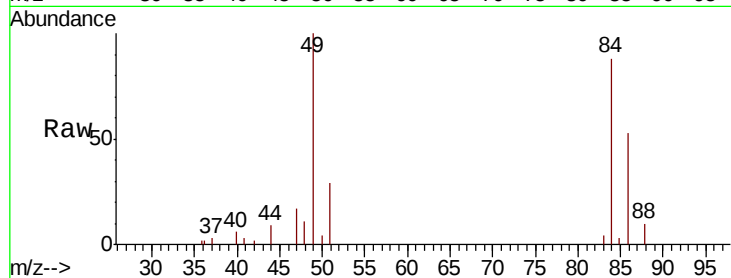




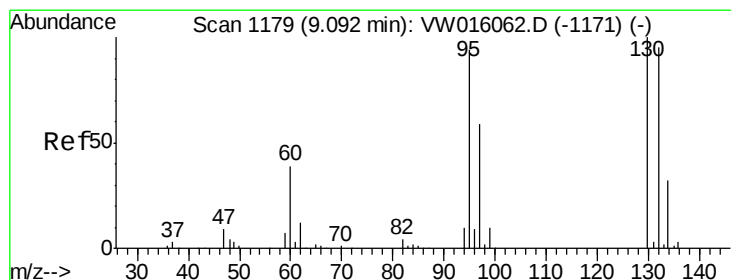
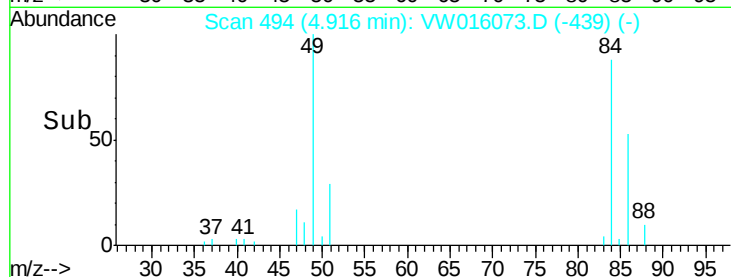
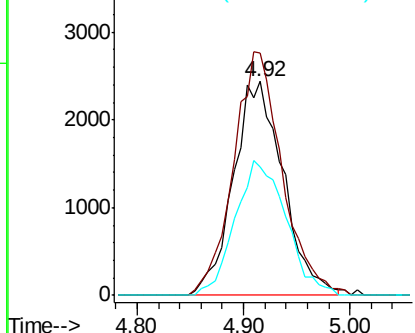
#16
Methvlene chloride
Concen: 1.823 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016073.D
Acq: 07 Aug 2020 13:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 7990
Ion Ratio Lower Upper
84 100
49 113.2 91.1 169.1
86 60.3 46.0 85.4

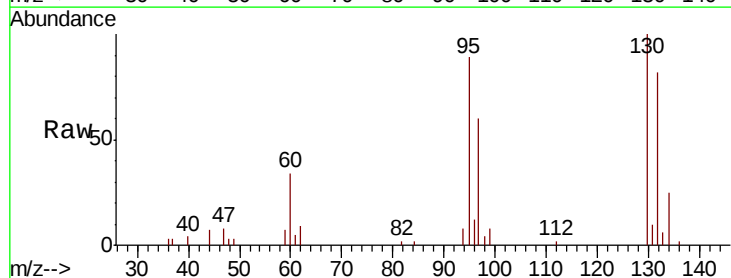


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

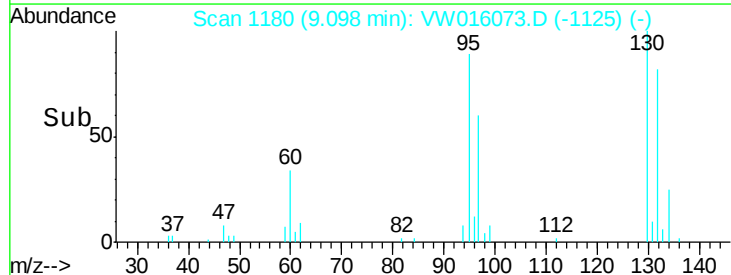
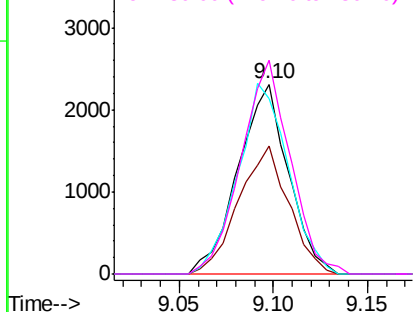


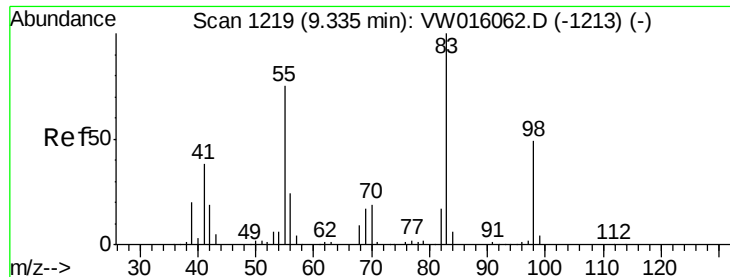
#35
Trichloroethene
Concen: 2.023 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW016073.D
Acq: 07 Aug 2020 13:22

Tgt Ion: 95 Resp: 4285
Ion Ratio Lower Upper
95 100
97 67.4 44.4 82.4
132 100.8 65.1 120.9
130 110.0 68.6 127.4



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

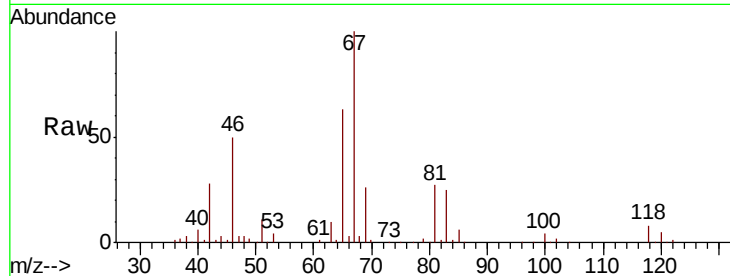




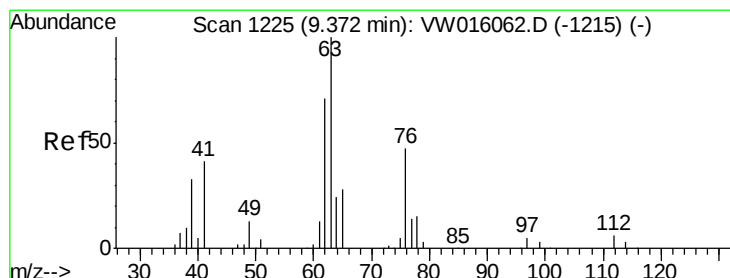
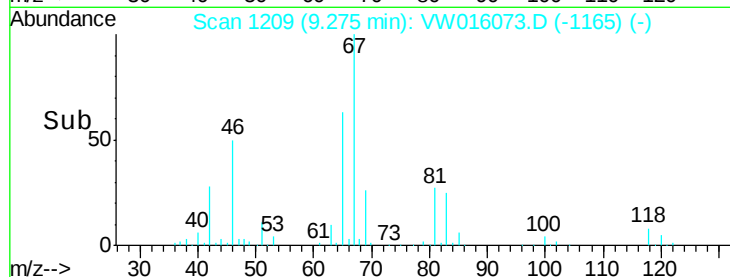
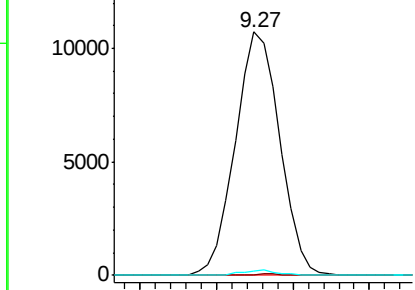
#36
Methvlcvclohexane
Concen: 5.962 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016073.D
Acq: 07 Aug 2020 13:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 21668
Ion Ratio Lower Upper
83 100
55 0.2 63.5 95.3#
98 1.7 39.0 58.4#

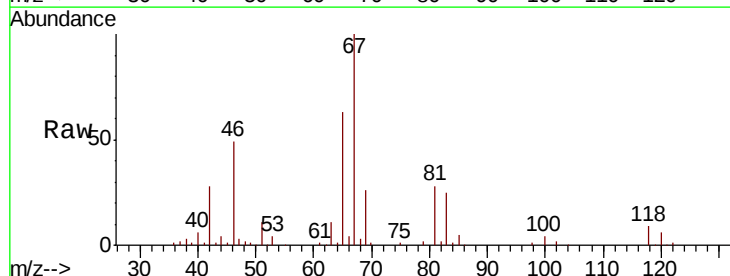


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

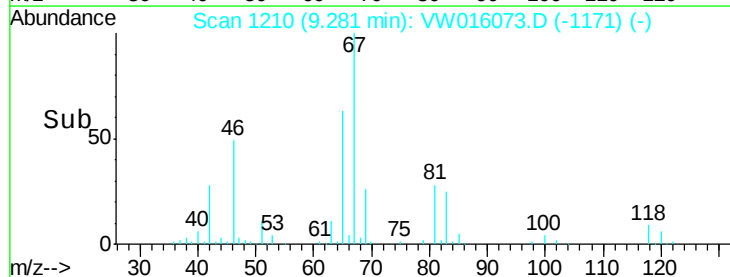
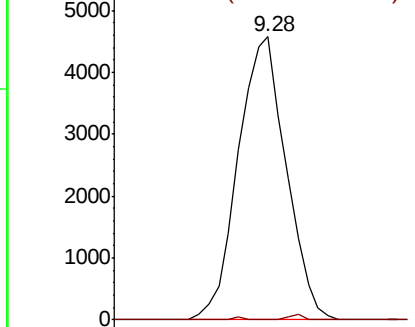


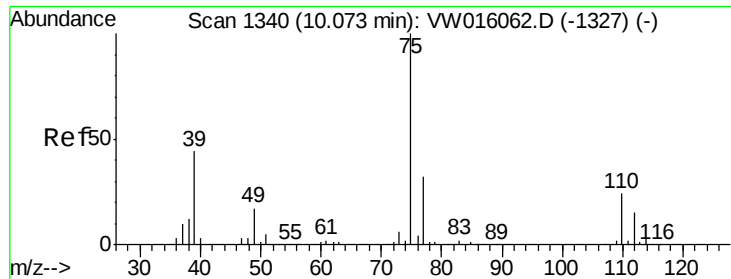
#40
1,2-Dichloropropane
Concen: 4.705 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016073.D
Acq: 07 Aug 2020 13:22

Tgt Ion: 63 Resp: 9333
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#



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: 0.700 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016073.D

Acq: 07 Aug 2020 13:22

Instrument :

MSVOA_W

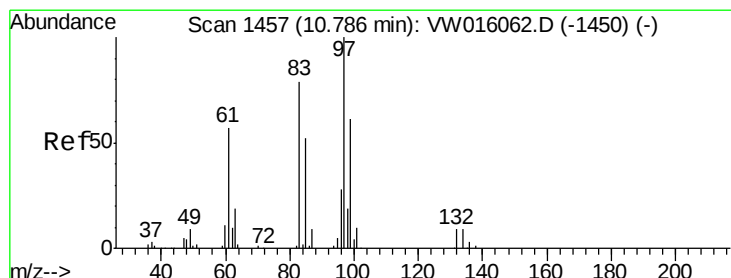
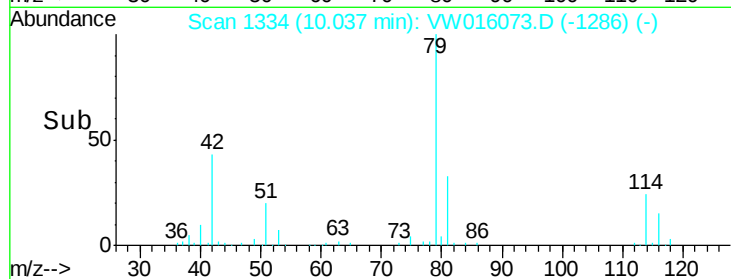
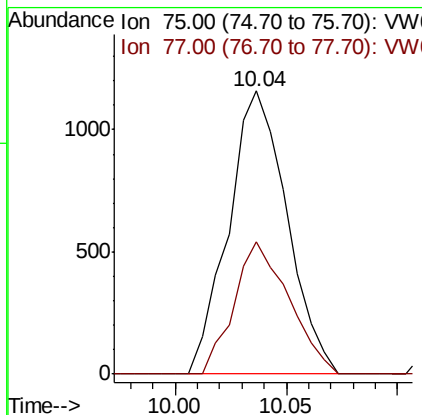
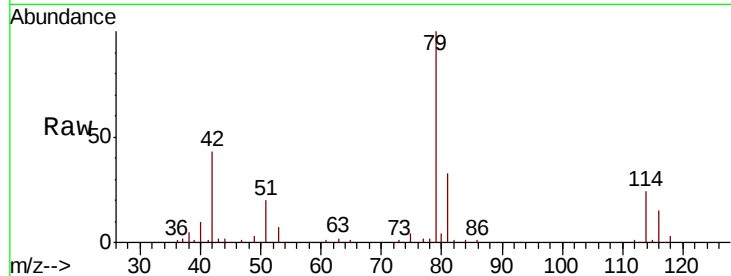
ClientSampled :

Tot Ion: 75 Resp: 2115

Ion Ratio Lower Upper

75 100

77 46.8 22.2 41.2#



#46

1,1,2-Trichloroethane

Concen: 7.358 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.08 min

Lab File: VW016073.D

Acq: 07 Aug 2020 13:22

Tgt Ion: 97 Resp: 10494

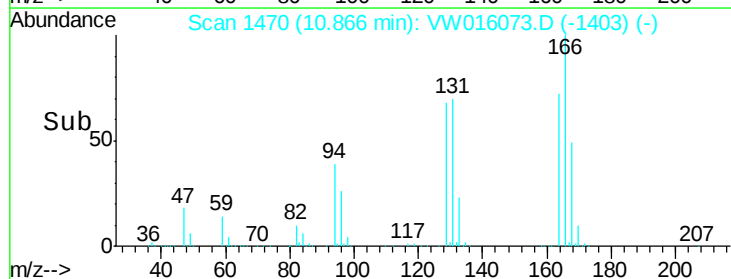
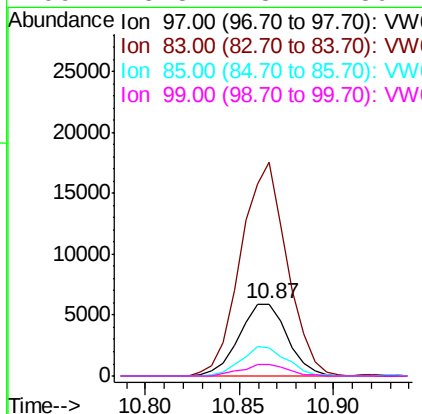
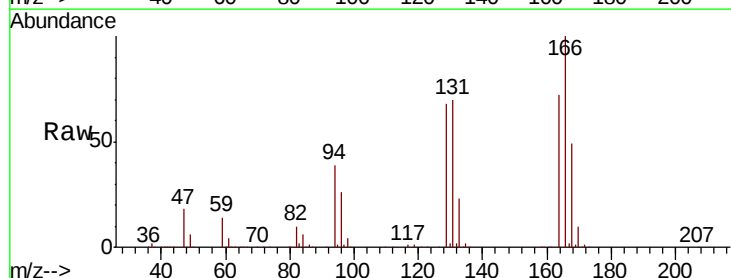
Ion Ratio Lower Upper

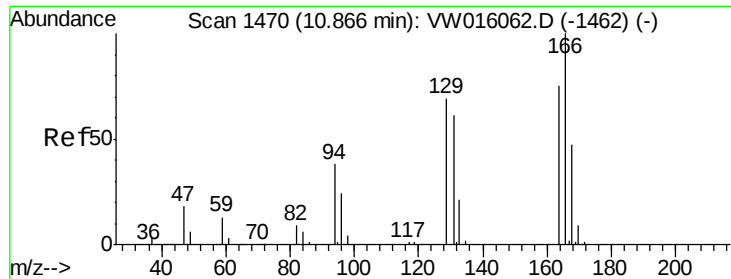
97 100

83 296.7 60.6 112.6#

85 39.4 38.9 72.2

99 15.8 43.1 80.1#

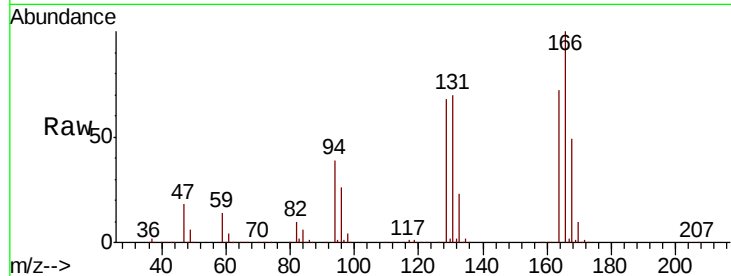




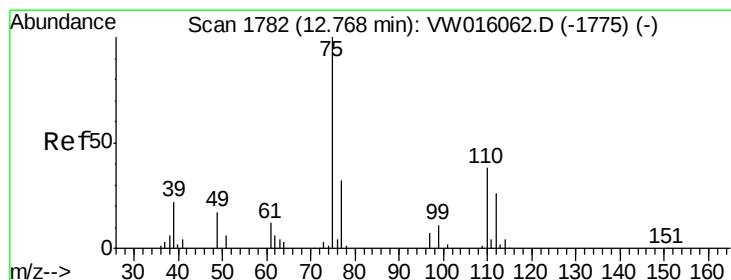
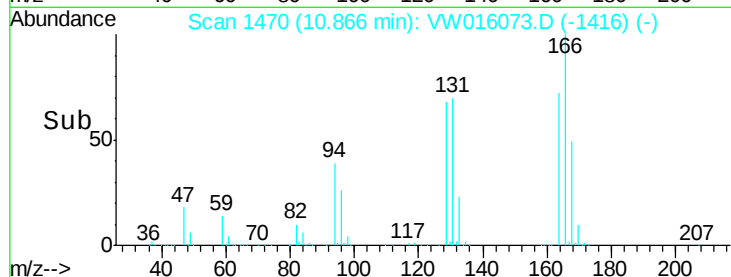
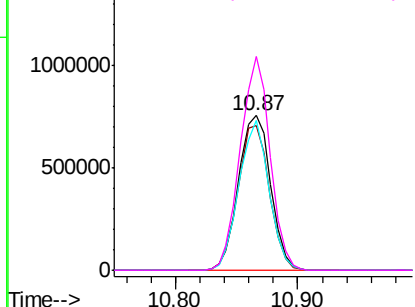
#47
Tetrachloroethene
Concen: 837.396 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016073.D
Acq: 07 Aug 2020 13:22

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:164 Resp: 1376652
Ion Ratio Lower Upper
164 100
129 93.5 70.0 130.0
131 96.9 67.3 124.9
166 138.2 88.5 164.3

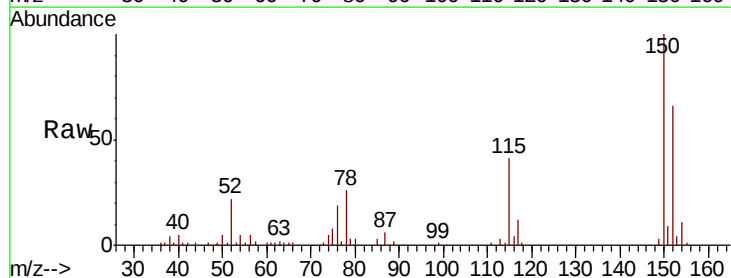


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 1.664 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW016073.D
Acq: 07 Aug 2020 13:22

Tgt Ion: 75 Resp: 2088
Ion Ratio Lower Upper
75 100
77 38.5 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

