

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016002.D
 Acq On : 30 Jul 2020 11:37
 Operator : SY/VA
 Sample : L3492-06RE
 Misc : 4.40G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 31 06:36:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 06:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	469954	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339133	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	85410	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133454	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.48%
7) Chloroethane-d5	2.90	69	111490	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.80%
10) 1,1-Dichloroethene-d2	4.01	63	196996	14.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.76%
20) 2-Butanone-d5	7.09	46	62453	35.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.70%
24) Chloroform-d	7.65	84	258948	19.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.48%
26) 1,2-Dichloroethane-d4	8.31	65	134538	18.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.28%
29) Benzene-d6	8.27	84	511466	24.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.12%
33) 1,2-Dichloropropane-d6	9.27	67	157748	25.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.96%
37) Toluene-d8	10.33	98	404386	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.52%
38) trans-1,3-Dichloropropene-	10.58	79	55294	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	10.93	63	44496	43.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93195	19.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	63484	19.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.24%

Target Compounds

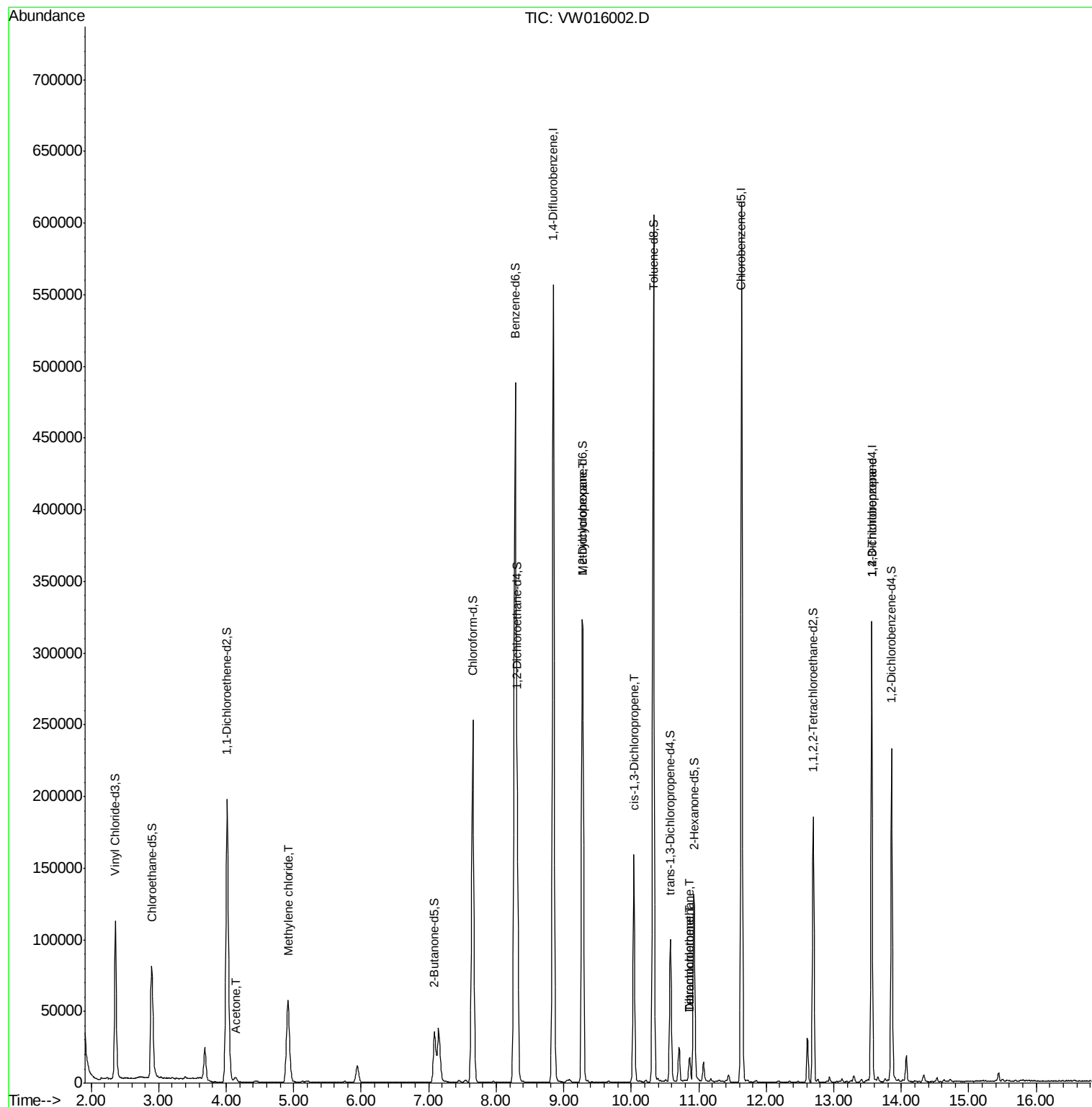
					Ovalue
13) Acetone	4.14	43	5253	3.591 ug/L	93
16) Methylene chloride	4.92	84	46123	5.989 ug/L	94
36) Methylcyclohexane	9.27	83	37523	4.013 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	3722	0.479 ug/L #	67
47) Tetrachloroethene	10.87	164	3894	0.921 ug/L	97
50) Dibromochloromethane	10.87	129	3723	0.876 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	10244	3.173 ug/L	94

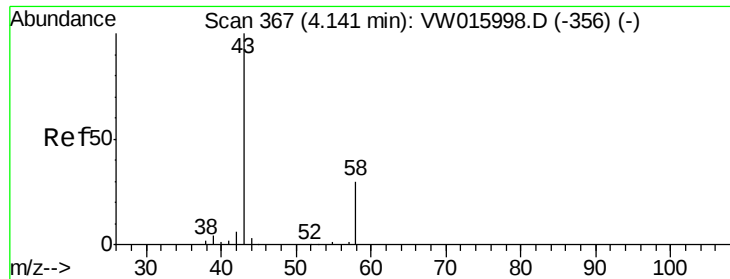
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 31 06:34:21 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.591 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW016002.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_W

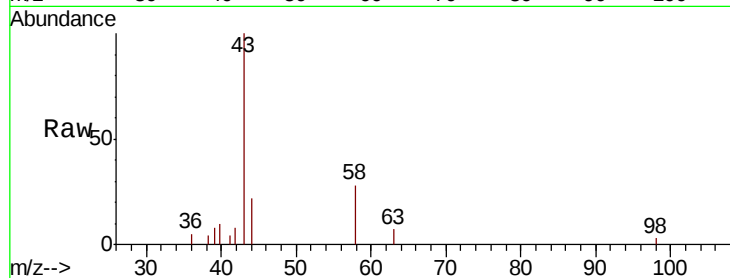
ClientSampleId :

Tot Ion: 43 Resp: 5253

Ion Ratio Lower Upper

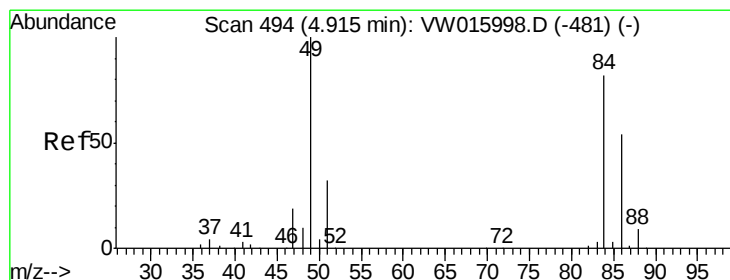
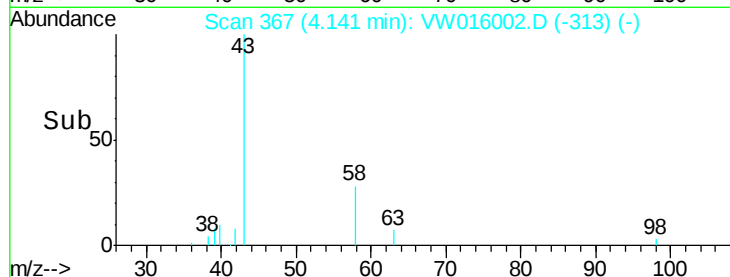
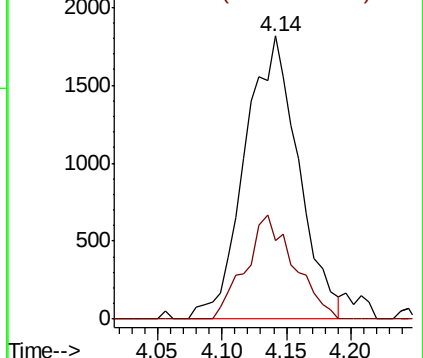
43 100

58 33.1 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.989 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016002.D

Acq: 30 Jul 2020 11:37

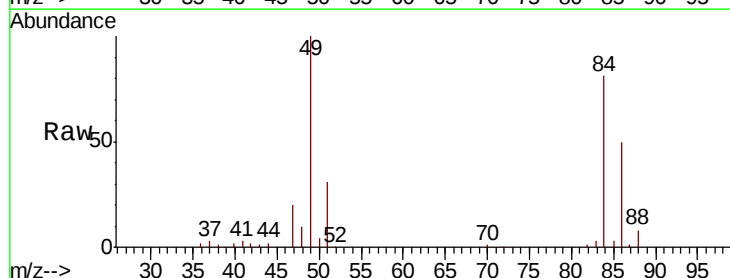
Tgt Ion: 84 Resp: 46123

Ion Ratio Lower Upper

84 100

49 123.0 91.1 169.1

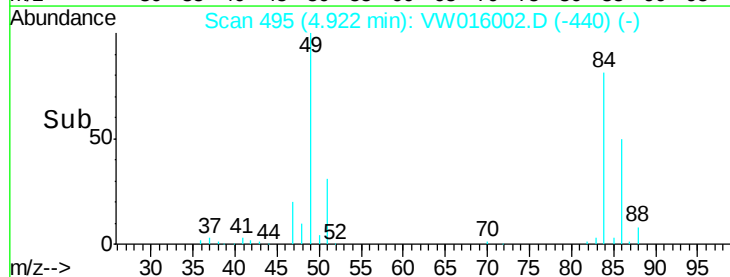
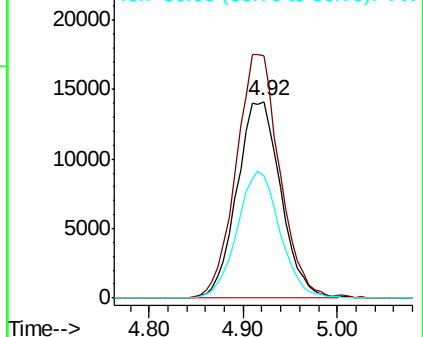
86 61.9 46.0 85.4

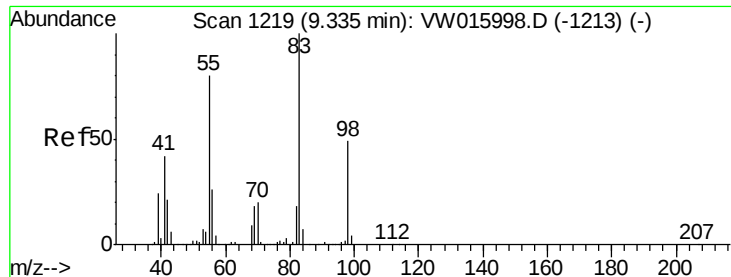


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

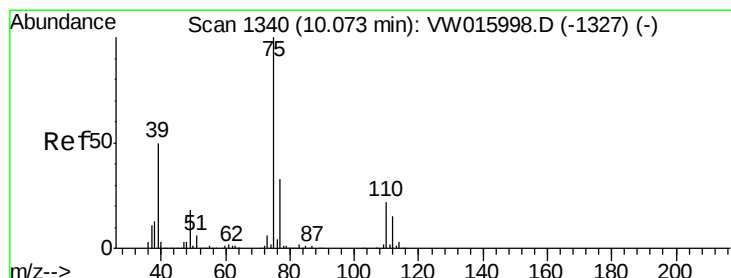
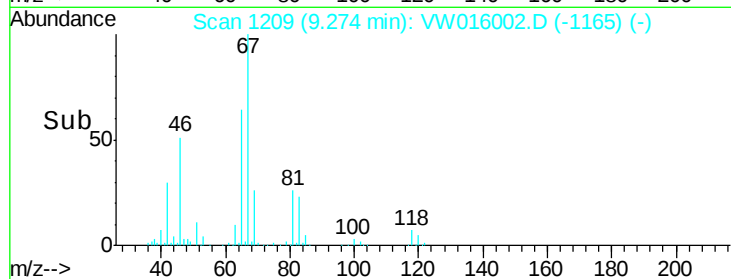
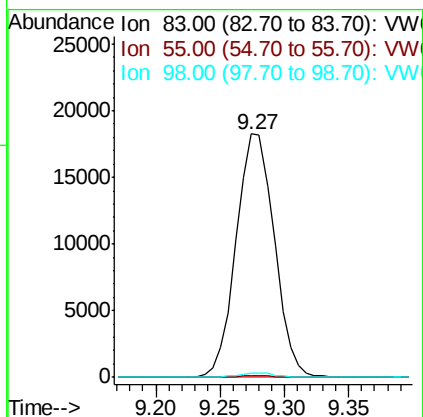
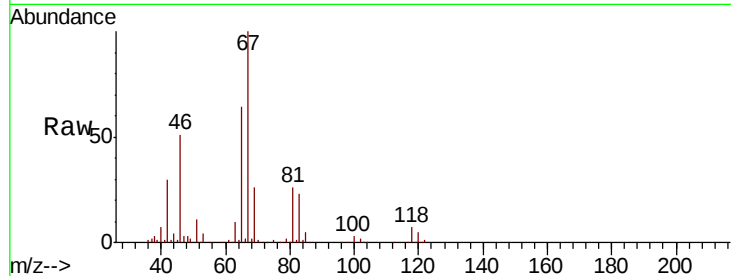




#36
Methylcyclohexane
Concen: 4.013 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016002.D
Acq: 30 Jul 2020 11:37

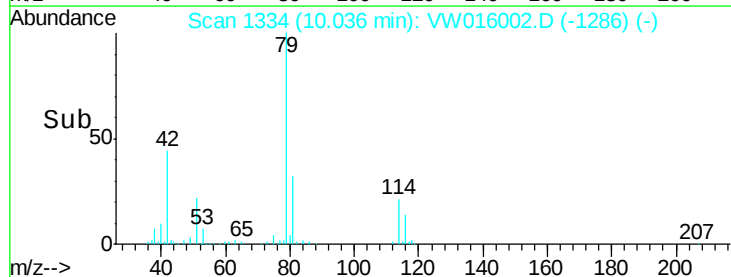
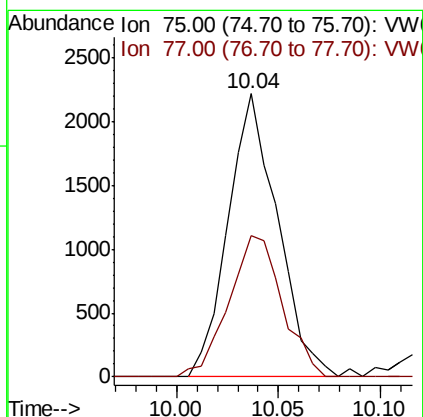
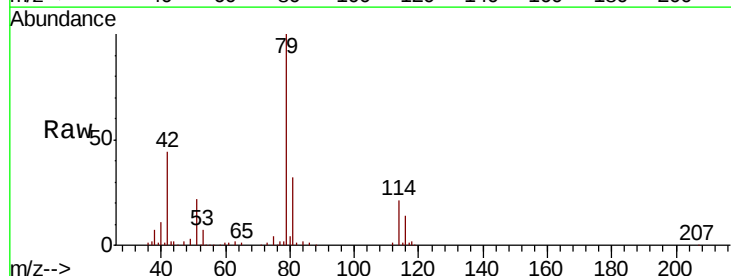
Instrument :
MSVOA_W
ClientSampleId :

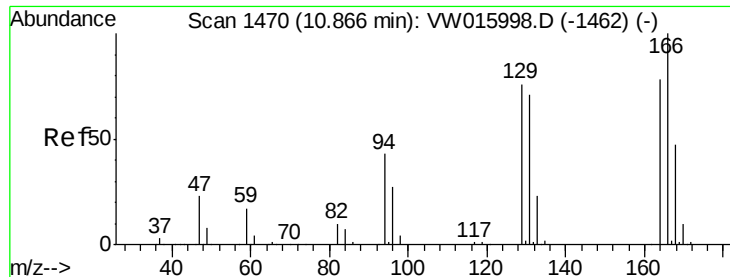
Tot Ion: 83 Resp: 37523
Ion Ratio Lower Upper
83 100
55 0.5 63.5 95.3#
98 1.6 39.0 58.4#



#42
cis-1,3-Dichloropropene
Concen: 0.479 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016002.D
Acq: 30 Jul 2020 11:37

Tgt Ion: 75 Resp: 3722
Ion Ratio Lower Upper
75 100
77 49.8 22.2 41.2#

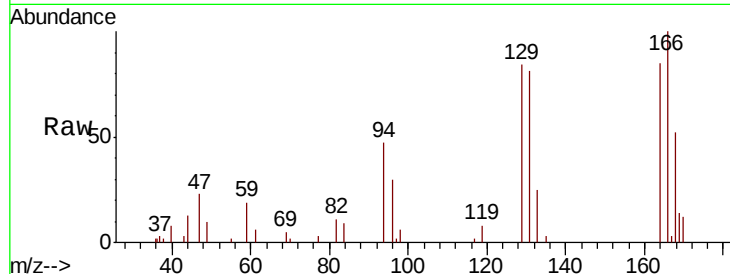




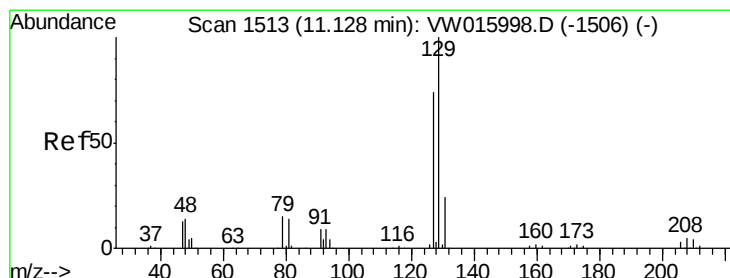
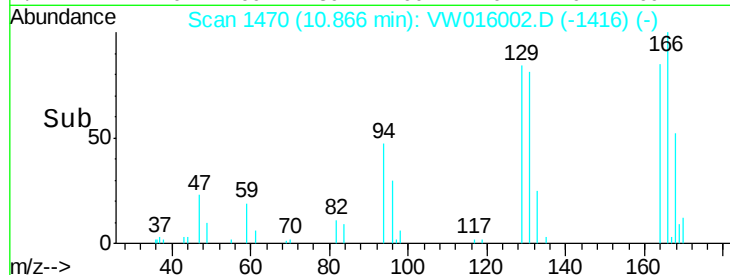
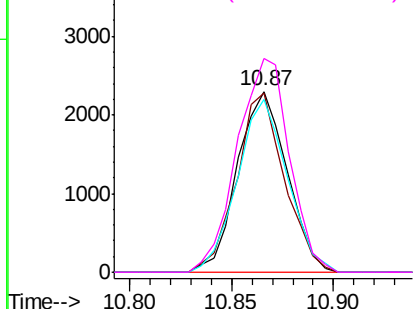
#47
Tetrachloroethene
Concen: 0.921 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016002.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:164 Resp: 3894
Ion Ratio Lower Upper
164 100
129 99.6 70.0 130.0
131 95.6 67.3 124.9
166 118.3 88.5 164.3

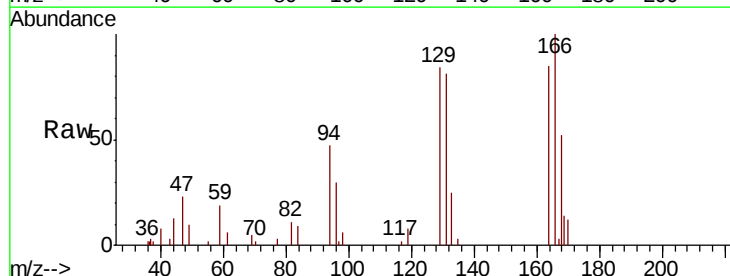


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

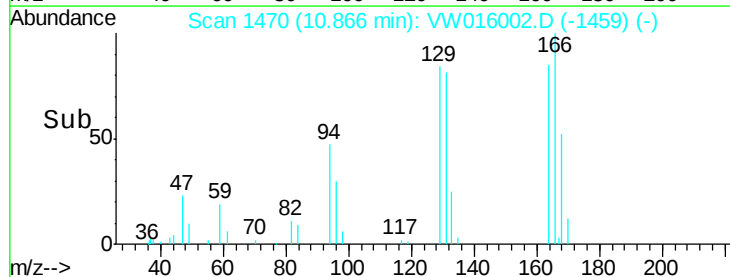
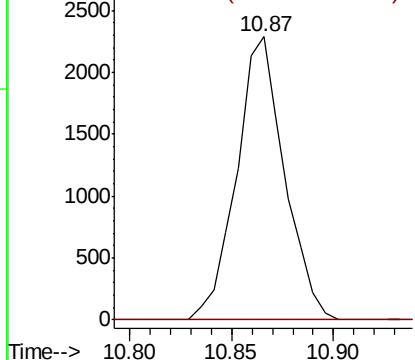


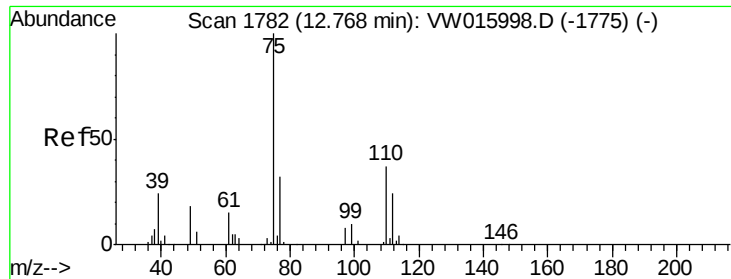
#50
Dibromochloromethane
Concen: 0.876 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW016002.D
Acq: 30 Jul 2020 11:37

Tgt Ion:129 Resp: 3723
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#



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





#59

1,2,3-Trichloropropane

Concen: 3.173 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016002.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_W

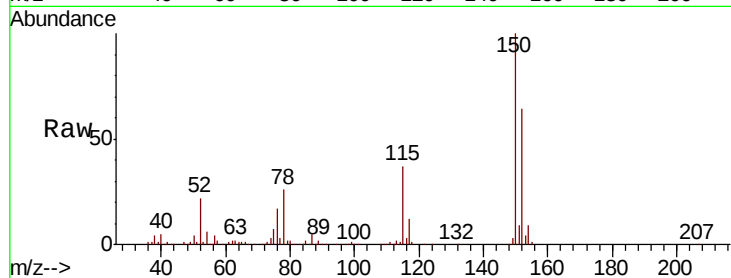
ClientSampleId :

Tot Ion: 75 Resp: 10244

Ion Ratio Lower Upper

75 100

77 35.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

