

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016067.D
 Acq On : 07 Aug 2020 11:00
 Operator : SY/VA
 Sample : L3579-02
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 03:21:06 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	35556	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	32301	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	10967	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	9331	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.40%
7) Chloroethane-d5	2.89	69	8971	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
10) 1,1-Dichloroethene-d2	4.03	63	14947	14.74	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.96%
20) 2-Butanone-d5	7.09	46	4949	37.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.10%
24) Chloroform-d	7.65	84	23231	23.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	8.31	65	11828	21.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.32%
29) Benzene-d6	8.28	84	43129	21.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.76%
33) 1,2-Dichloropropane-d6	9.28	67	13494	22.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.56%
37) Toluene-d8	10.33	98	34788	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.12%
38) trans-1,3-Dichloropropene-	10.58	79	4491	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.52%
39) 2-Hexanone-d5	10.93	63	2978	30.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	10724	23.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	10617	24.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.32%

Target Compounds

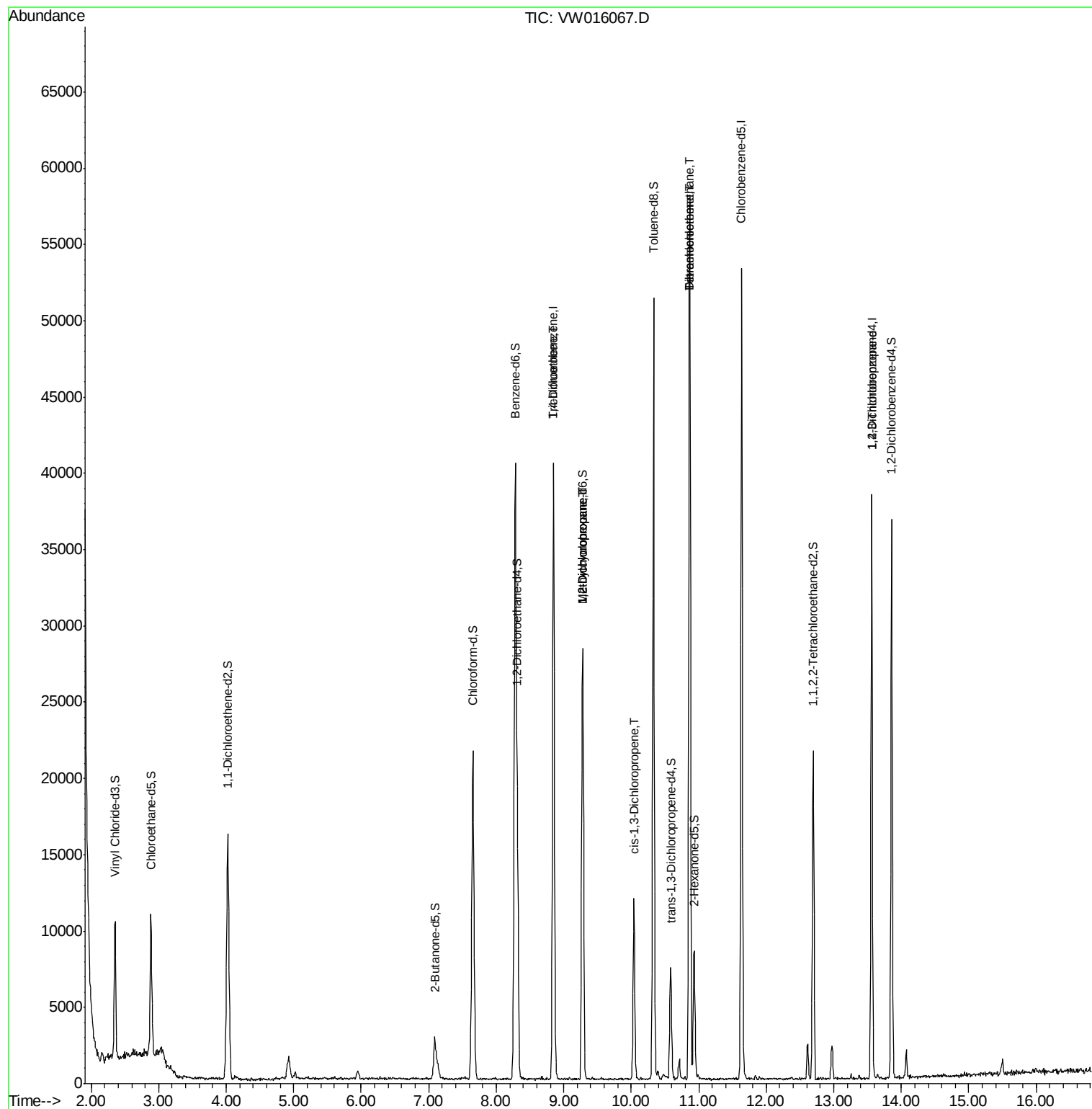
					Ovalue
35) Trichloroethene	8.85	95	1011	1.948 ug/L #	8
36) Methylcyclohexane	9.28	83	3423	3.844 ug/L #	17
40) 1,2-Dichloropropane	9.28	63	1558	3.206 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	276	0.373 ug/L #	72
47) Tetrachloroethene	10.87	164	14117	35.045 ug/L	92
50) Dibromochloromethane	10.87	129	12680	31.338 ug/L #	11
59) 1,2,3-Trichloropropane	13.57	75	1032	3.356 ug/L #	72

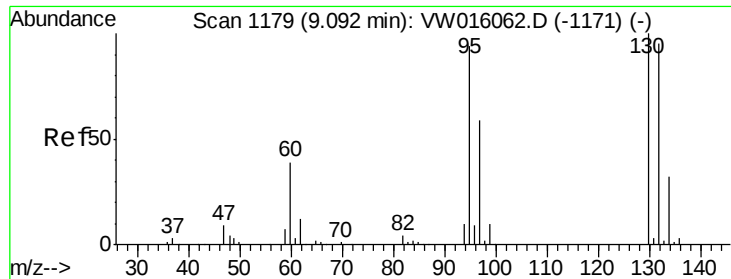
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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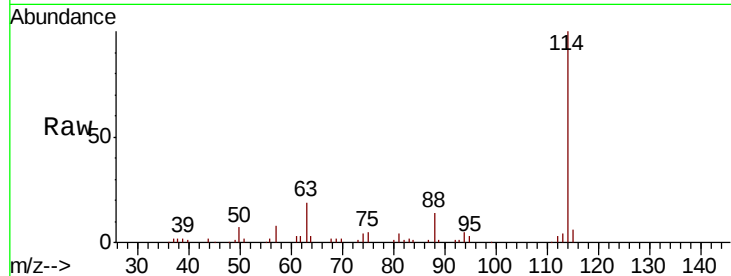




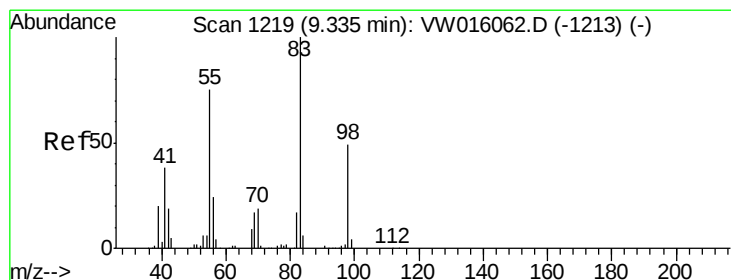
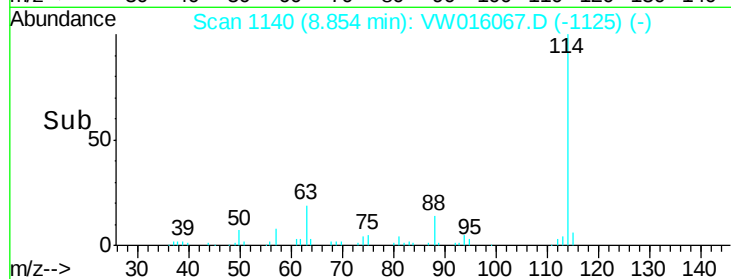
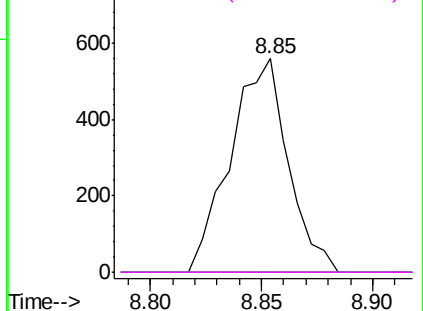
#35
 Trichloroethene
 Concen: 1.948 ug/L
 RT: 8.85 min Scan# 1140
 Delta R.T. -0.24 min
 Lab File: VW016067.D
 Acq: 07 Aug 2020 11:00

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 1011
 Ion Ratio Lower Upper
 95 100
 97 4.5 44.4 82.4#
 132 0.0 65.1 120.9#
 130 0.0 68.6 127.4#

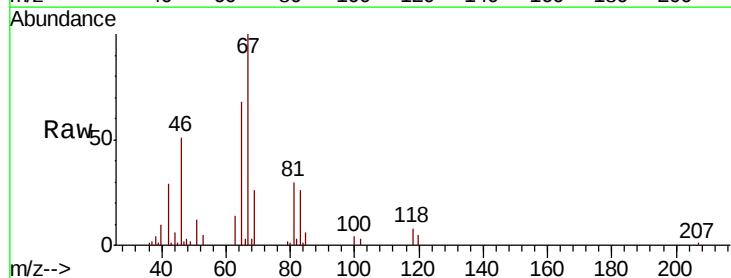


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): VW
 Ion 130.00 (129.70 to 130.70): VW

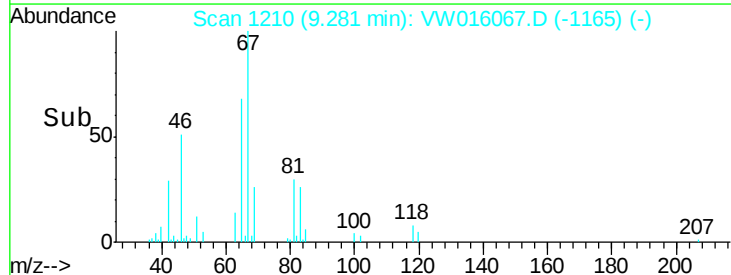
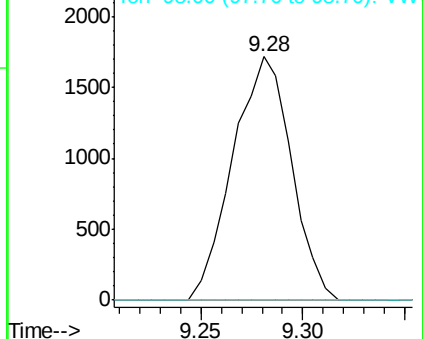


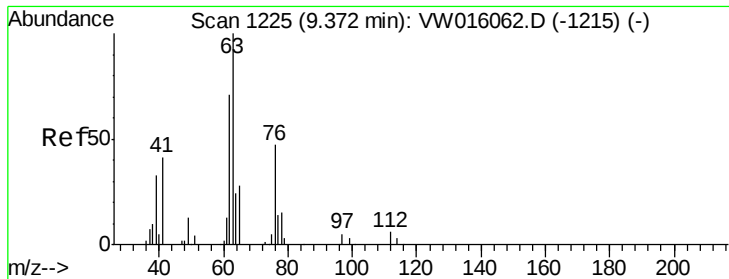
#36
 Methylcyclohexane
 Concen: 3.844 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.05 min
 Lab File: VW016067.D
 Acq: 07 Aug 2020 11:00

Tgt Ion: 83 Resp: 3423
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.5 95.3#
 98 0.0 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: 3.206 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016067.D

Acq: 07 Aug 2020 11:00

Instrument :

MSVOA_W

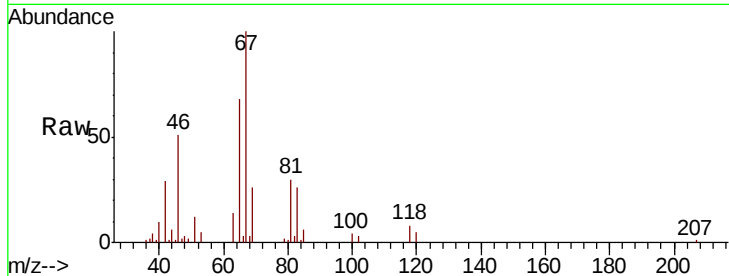
ClientSampled :

Tot Ion: 63 Resp: 1558

Ion Ratio Lower Upper

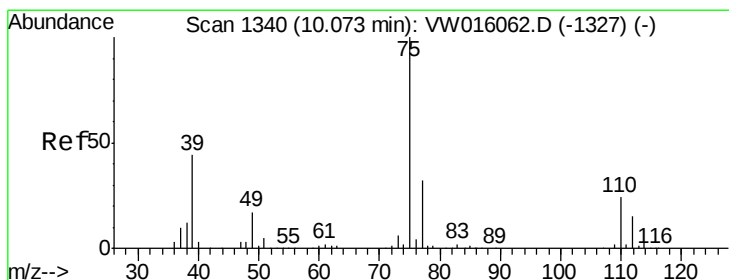
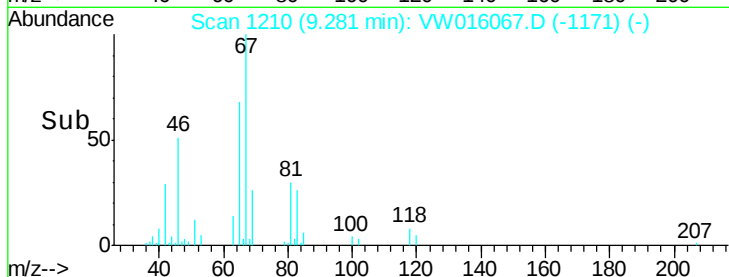
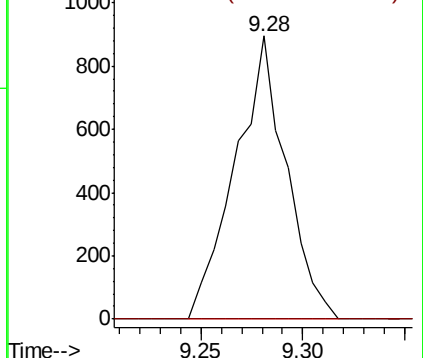
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.373 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016067.D

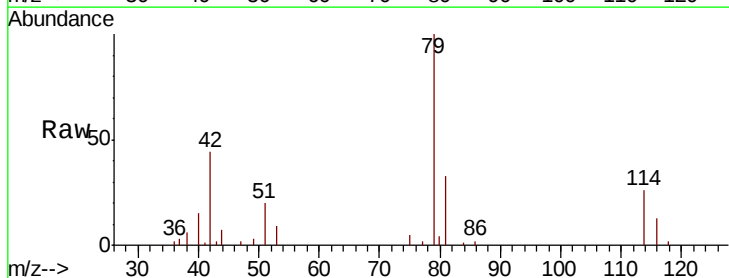
Acq: 07 Aug 2020 11:00

Tgt Ion: 75 Resp: 276

Ion Ratio Lower Upper

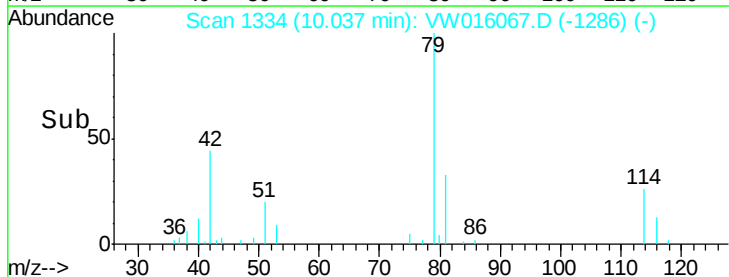
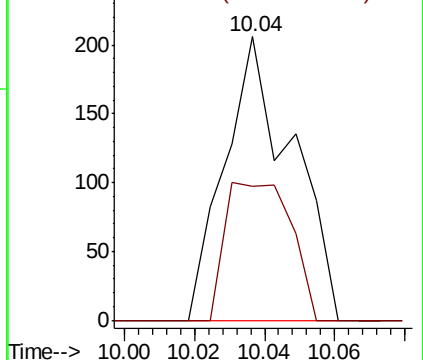
75 100

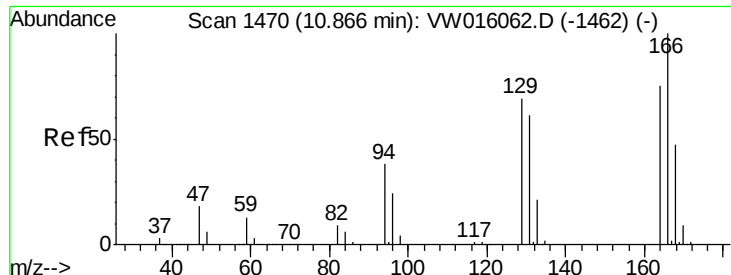
77 47.1 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 35.045 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

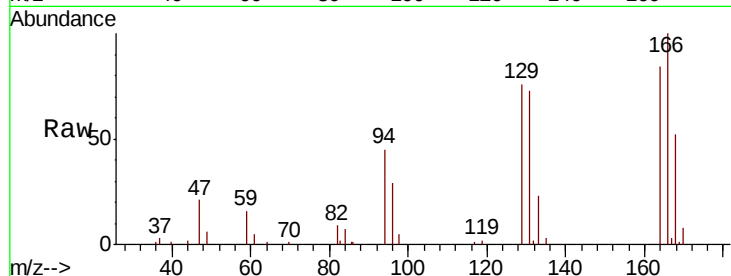
Lab File: VW016067.D

Acq: 07 Aug 2020 11:00

Instrument :

MSVOA_W

ClientSampled :



Tot Ion:164 Resp: 14117

Ion Ratio Lower Upper

164 100

129 90.9 70.0 130.0

131 87.5 67.3 124.9

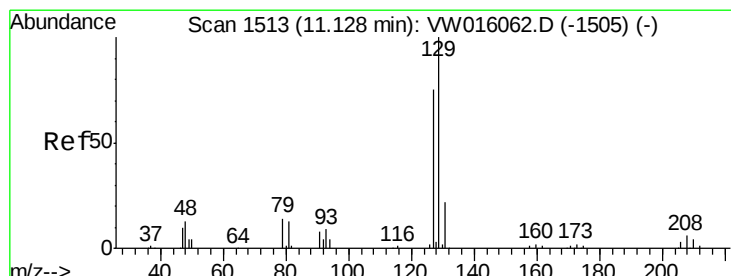
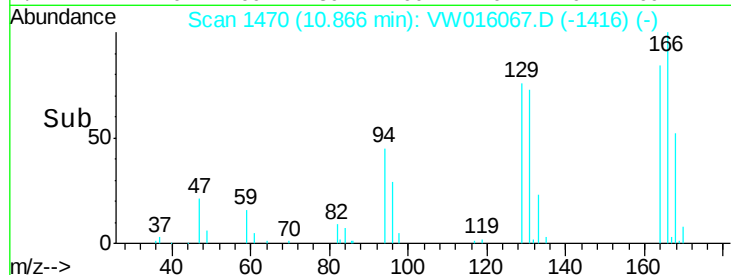
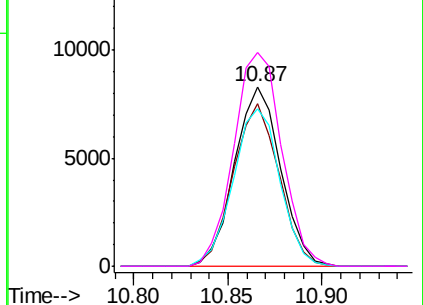
166 119.1 88.5 164.3

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: 31.338 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016067.D

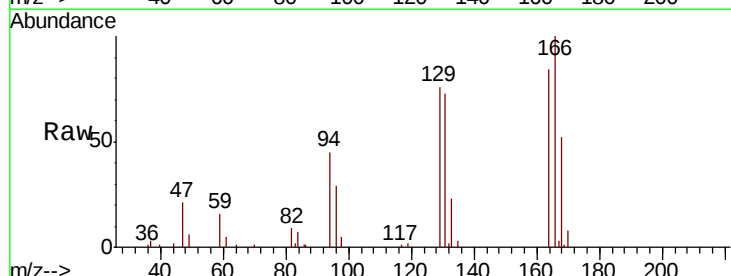
Acq: 07 Aug 2020 11:00

Tgt Ion:129 Resp: 12680

Ion Ratio Lower Upper

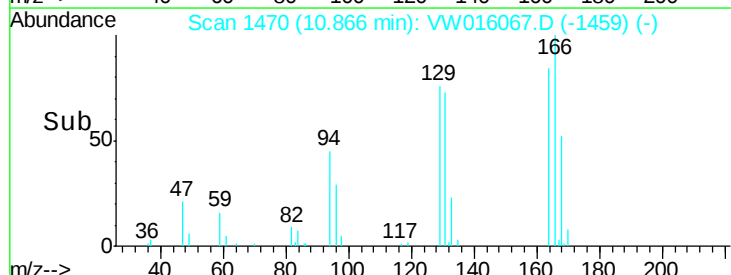
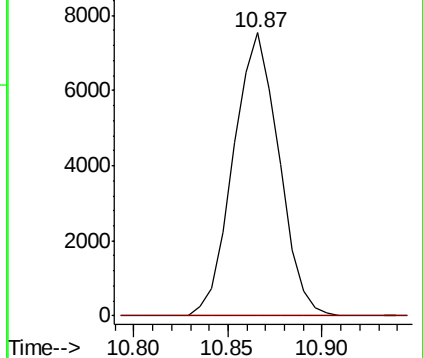
129 100

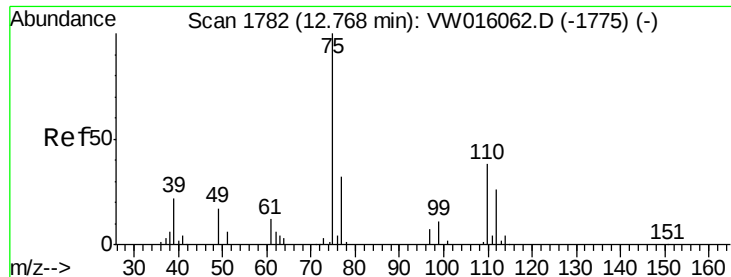
127 0.0 53.8 100.0#



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: 3.356 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.80 min

Lab File: VW016067.D

Acq: 07 Aug 2020 11:00

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 1032

Ion Ratio Lower Upper

75 100

77 48.1 26.0 39.0#

