

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016068.D
 Acq On : 07 Aug 2020 11:24
 Operator : SY/VA
 Sample : L3579-03
 Misc : 4.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 03:21:16 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	337103	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303861	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142221	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72293	15.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.80%
7) Chloroethane-d5	2.90	69	63507	16.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.76%
10) 1,1-Dichloroethene-d2	4.01	63	125433	13.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.16%
20) 2-Butanone-d5	7.09	46	38264	30.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.24%
24) Chloroform-d	7.65	84	185999	19.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.60%
26) 1,2-Dichloroethane-d4	8.31	65	93793	18.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.20%
29) Benzene-d6	8.27	84	369039	19.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.80%
33) 1,2-Dichloropropane-d6	9.27	67	110663	19.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.84%
37) Toluene-d8	10.32	98	339156	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.96%
38) trans-1,3-Dichloropropene-	10.58	79	41678	17.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.52%
39) 2-Hexanone-d5	10.93	63	30809	33.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81521	19.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	122832	22.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.60%

Target Compounds

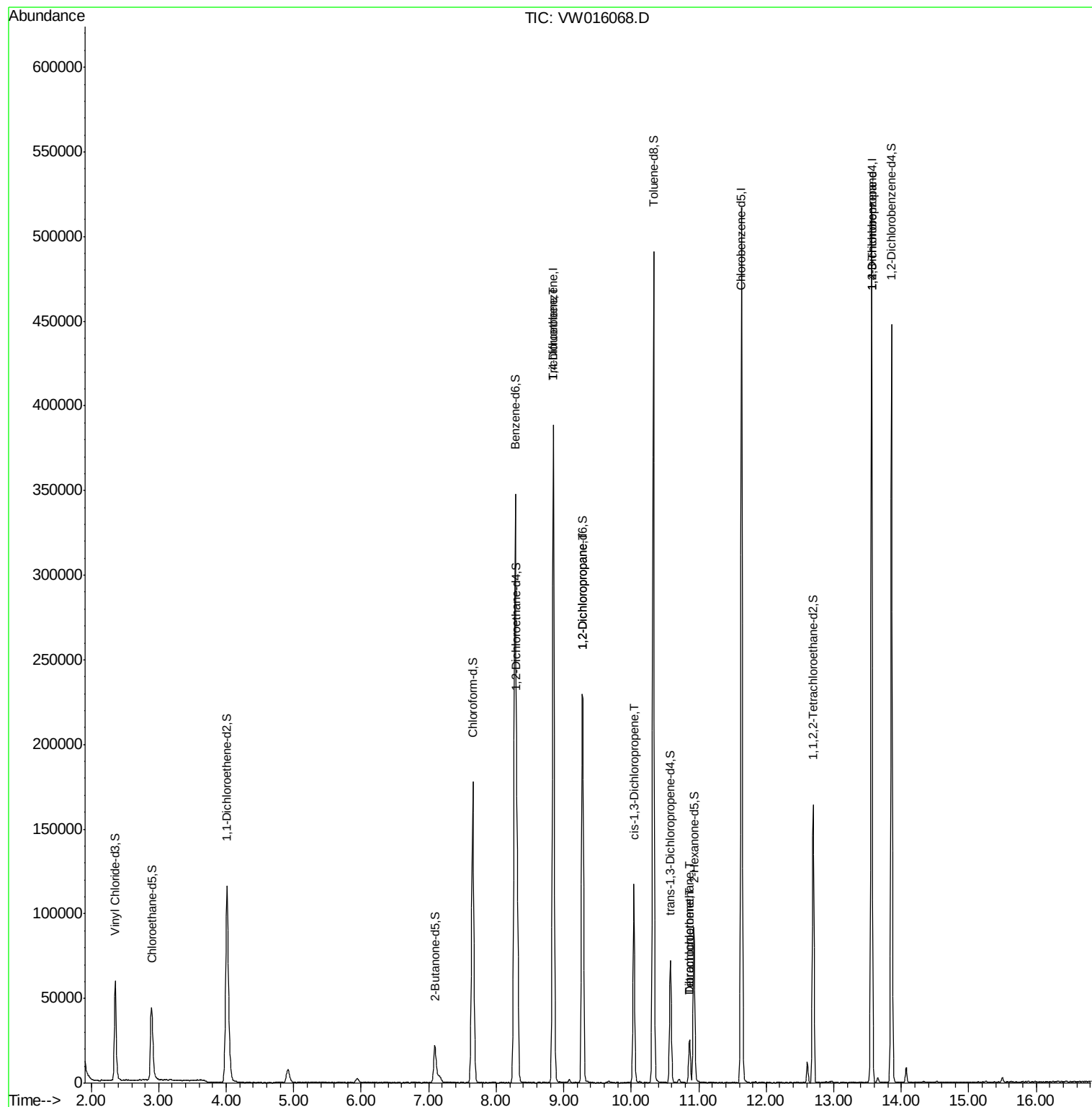
					Ovalue
35) Trichloroethene	8.85	95	9758	1.999 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	11787	2.578 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2756	0.396 ug/L #	63
47) Tetrachloroethene	10.87	164	5989	1.580 ug/L	95
50) Dibromochloromethane	10.87	129	5851	1.537 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	15112	5.224 ug/L	91

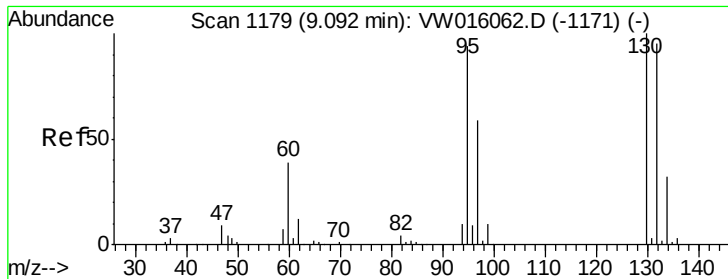
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 08 03:18:33 2020
Response via : Initial Calibration





#35

Trichloroethene

Concen: 1.999 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016068.D

Acq: 07 Aug 2020 11:24

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 9758

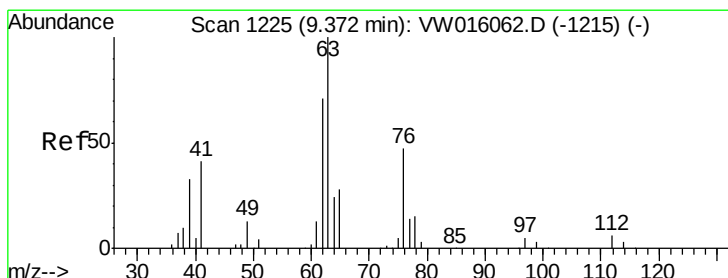
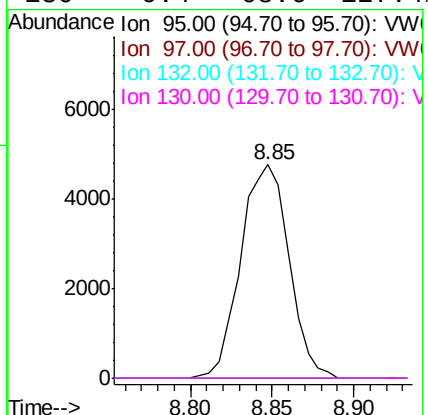
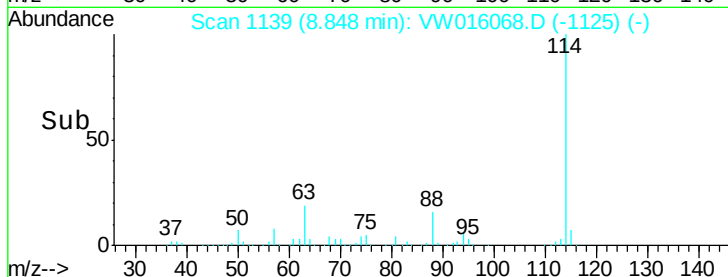
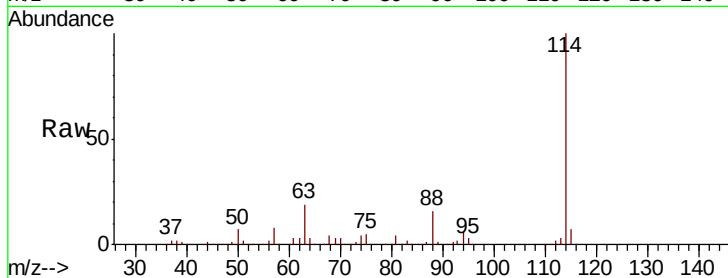
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.4 68.6 127.4#



#40

1,2-Dichloropropane

Concen: 2.578 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016068.D

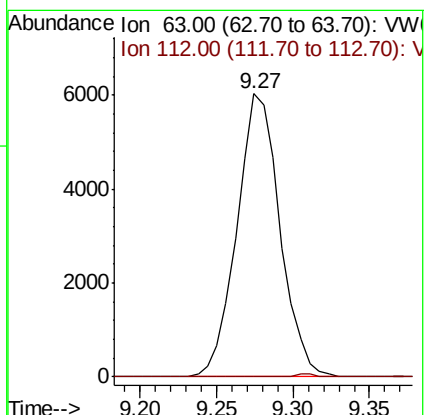
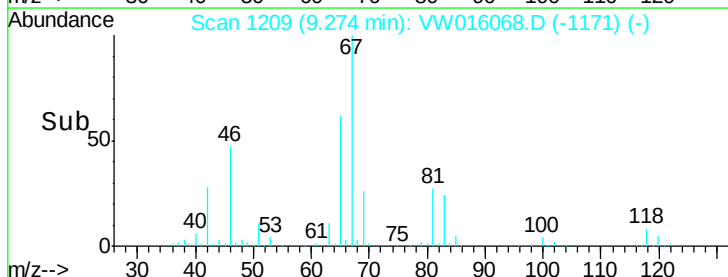
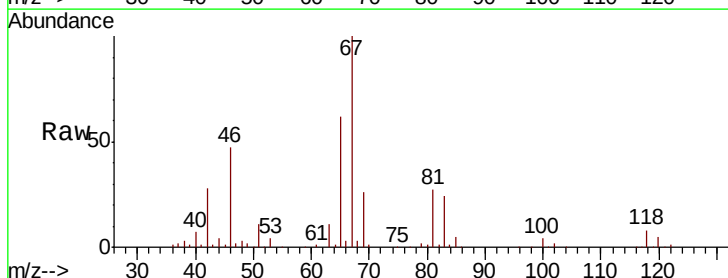
Acq: 07 Aug 2020 11:24

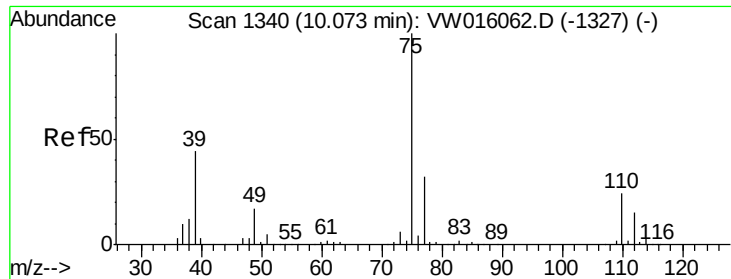
Tgt Ion: 63 Resp: 11787

Ion Ratio Lower Upper

63 100

112 0.4 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.396 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016068.D

Acq: 07 Aug 2020 11:24

Instrument :

MSVOA_W

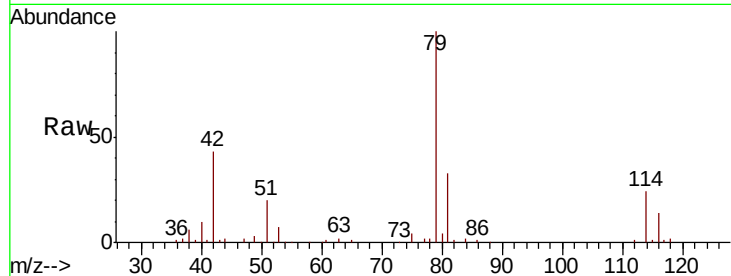
ClientSampleId :

Tot Ion: 75 Resp: 2756

Ion Ratio Lower Upper

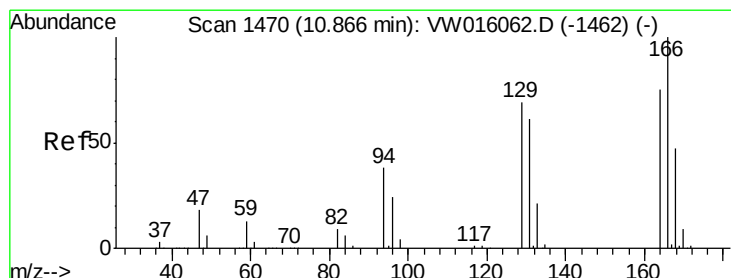
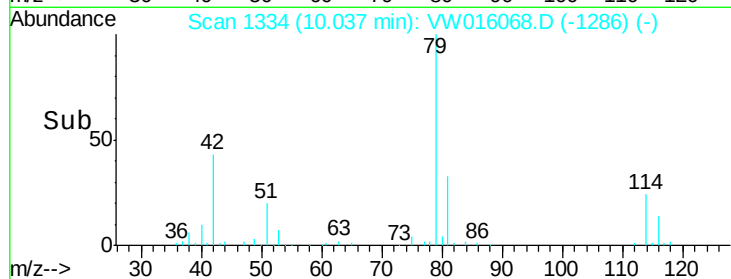
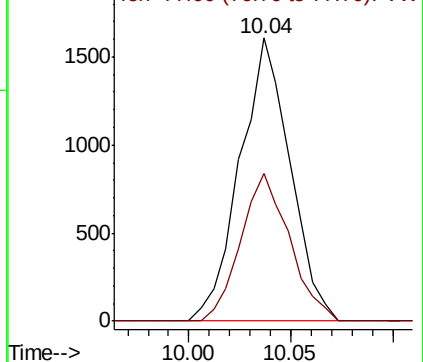
75 100

77 52.1 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: 1.580 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016068.D

Acq: 07 Aug 2020 11:24

Tgt Ion: 164 Resp: 5989

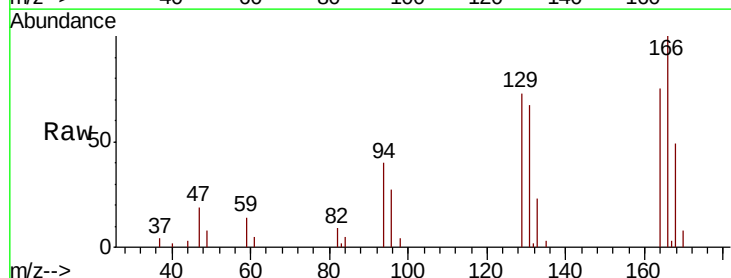
Ion Ratio Lower Upper

164 100

129 97.0 70.0 130.0

131 88.2 67.3 124.9

166 132.5 88.5 164.3

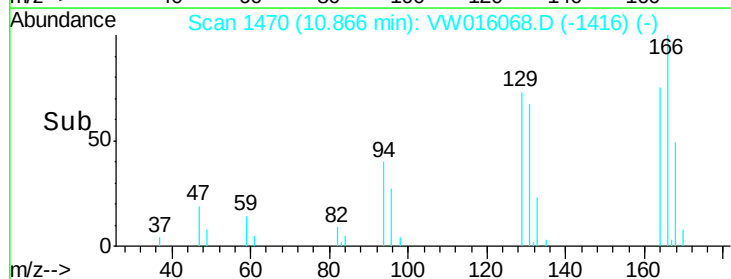
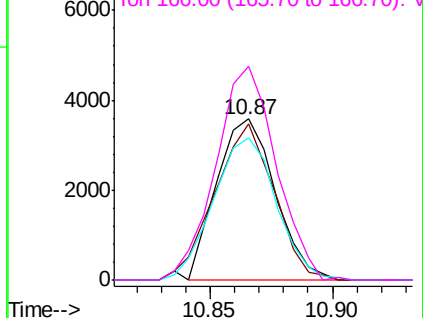


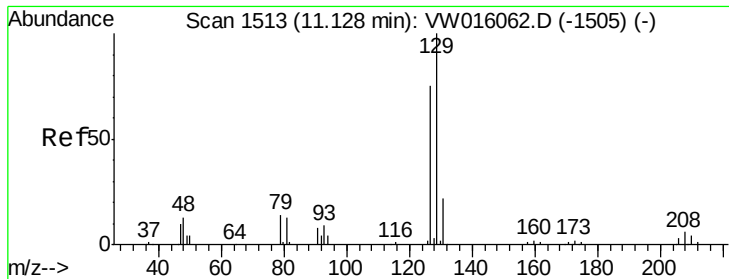
Abundance Ion 164.00 (163.70 to 164.70): V

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

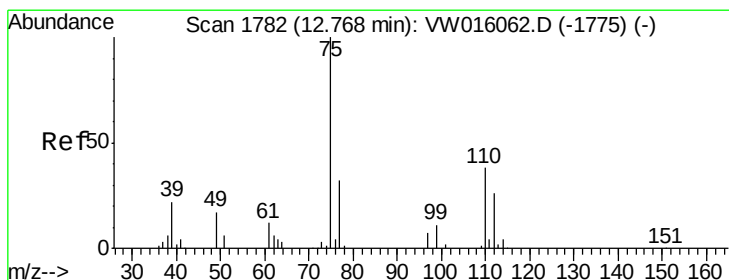
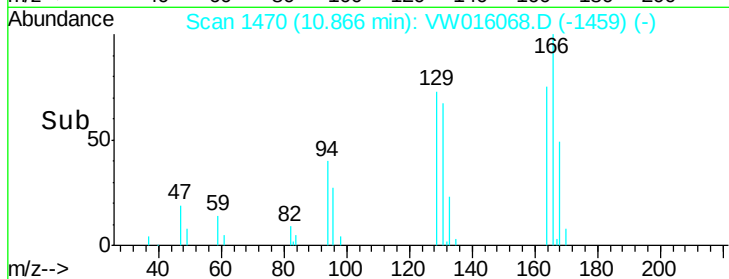
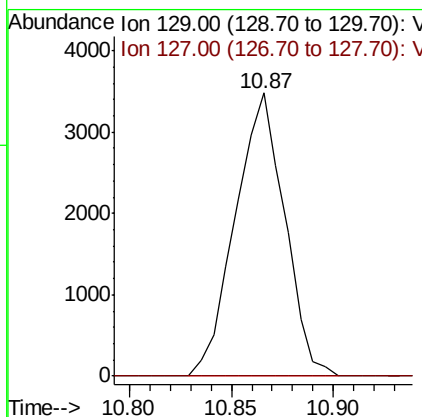
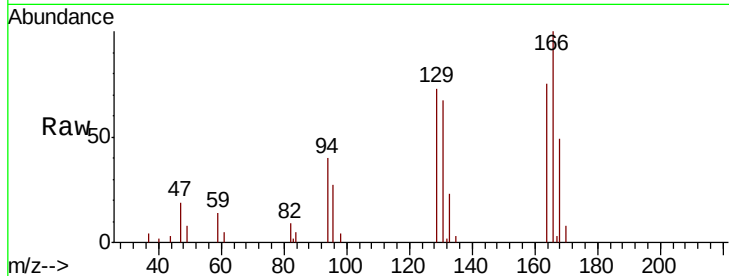




#50
 Dibromochloromethane
 Concen: 1.537 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW016068.D
 Acq: 07 Aug 2020 11:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:129 Resp: 5851
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.8 100.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.224 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016068.D
 Acq: 07 Aug 2020 11:24

Tgt Ion: 75 Resp: 15112
 Ion Ratio Lower Upper
 75 100
 77 37.8 26.0 39.0

