

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015888.D
 Acq On : 21 Jul 2020 15:44
 Operator : SY/VA
 Sample : L3347-02
 Misc : 7.45G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXZ8

Quant Time: Jul 22 06:27:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 06:22:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	493221	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	450278	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	202240	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	143690	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.60%
7) Chloroethane-d5	2.89	69	112439	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
10) 1,1-Dichloroethene-d2	4.01	63	211103	15.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.00%
20) 2-Butanone-d5	7.09	46	63876	34.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.88%
24) Chloroform-d	7.65	84	260901	18.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.32%
26) 1,2-Dichloroethane-d4	8.31	65	144526	19.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.04%
29) Benzene-d6	8.28	84	533130	19.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.80%
33) 1,2-Dichloropropane-d6	9.28	67	156230	19.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.04%
37) Toluene-d8	10.33	98	479999	19.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.32%
38) trans-1,3-Dichloropropene-	10.58	79	64339	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.48%
39) 2-Hexanone-d5	10.93	63	49116	35.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114058	18.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	157155	19.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.72%

Target Compounds

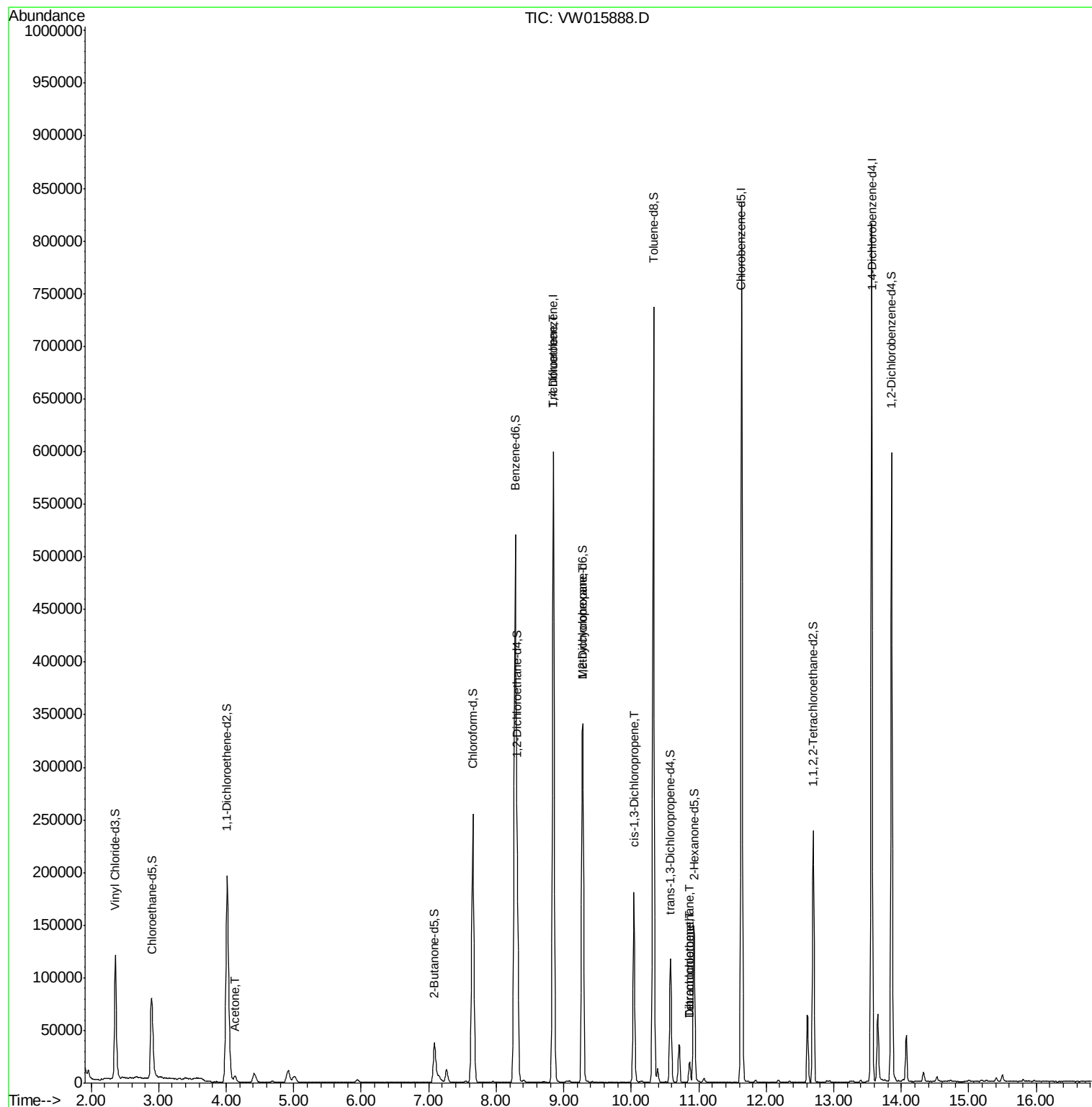
					Ovalue
13) Acetone	4.14	43	9839	6.409 ug/L	97
35) Trichloroethene	8.85	95	15312	2.117 ug/L #	6
36) Methylcyclohexane	9.28	83	38695	3.117 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	4399	0.426 ug/L #	76
47) Tetrachloroethene	10.87	164	4219	0.751 ug/L	97
50) Dibromochloromethane	10.87	129	4170	0.739 ug/L #	11

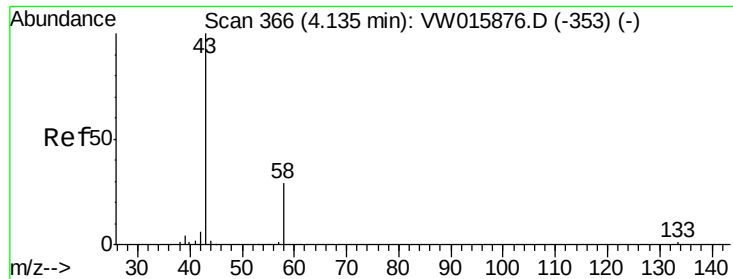
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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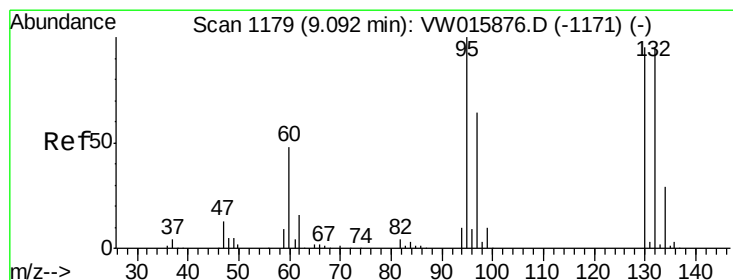
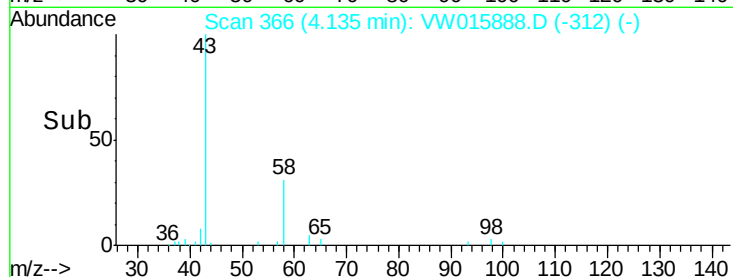
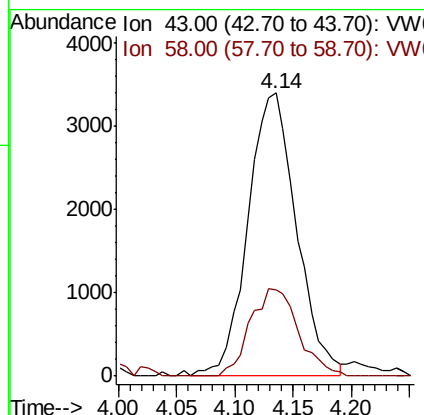
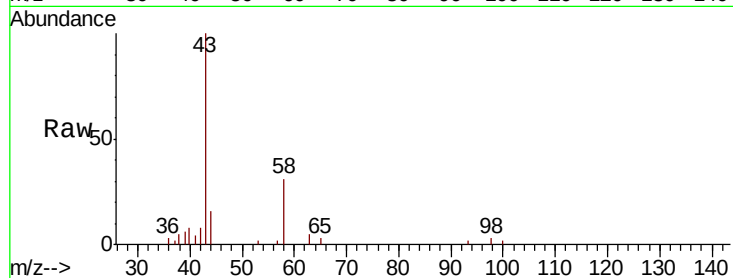




#13
Acetone
Concen: 6.409 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.00 min
Lab File: VW015888.D
Acq: 21 Jul 2020 15:44

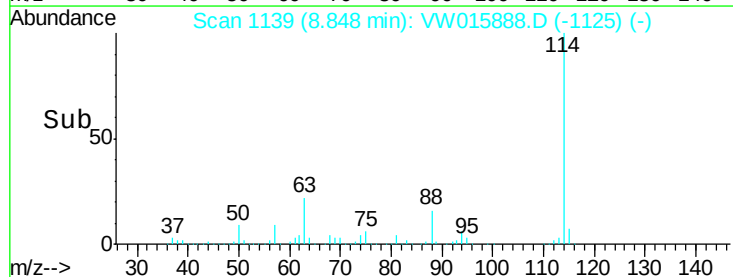
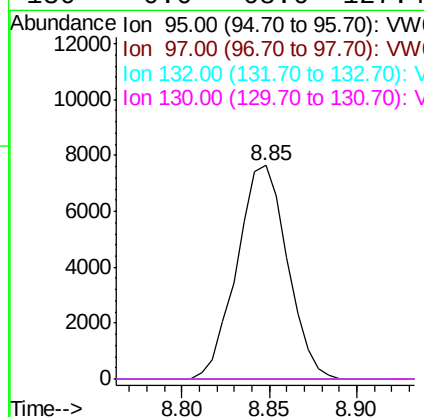
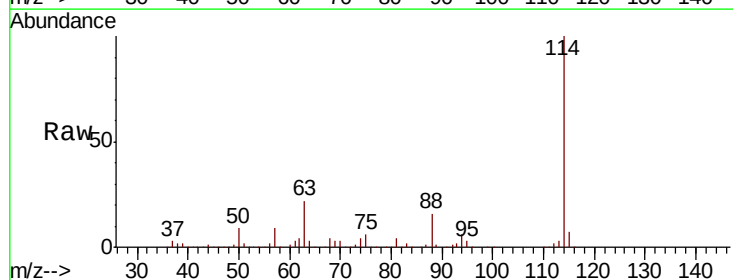
Instrument :
MSVOA_W
ClientSampleId :
GAXZ8

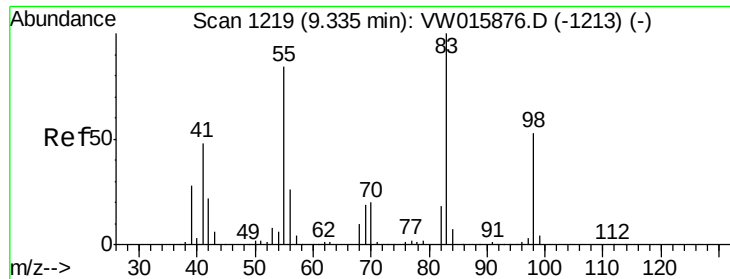
Tot Ion: 43 Resp: 9839
Ion Ratio Lower Upper
43 100
58 30.6 0.0 58.2



#35
Trichloroethene
Concen: 2.117 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015888.D
Acq: 21 Jul 2020 15:44

Tgt Ion: 95 Resp: 15312
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.3 65.1 120.9#
130 0.0 68.6 127.4#

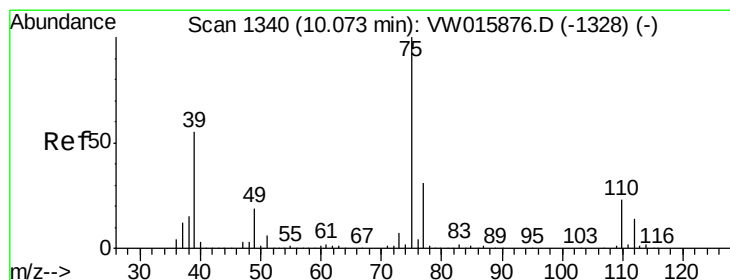
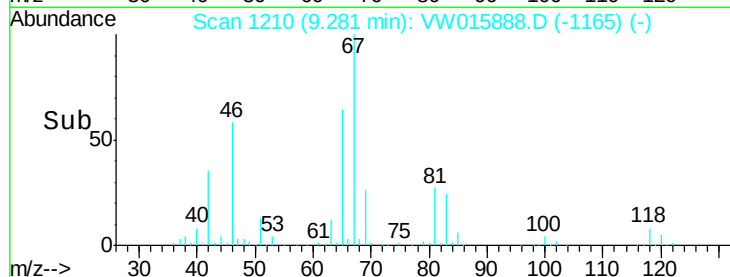
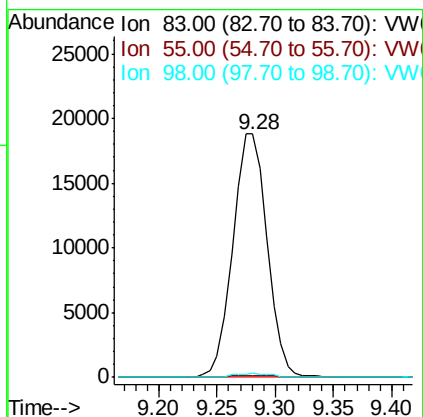
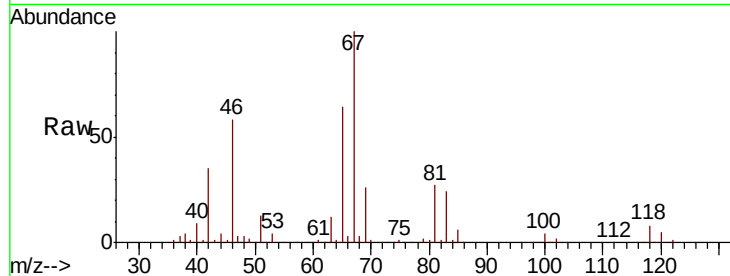




#36
Methylcyclohexane
Concen: 3.117 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW015888.D
Acq: 21 Jul 2020 15:44

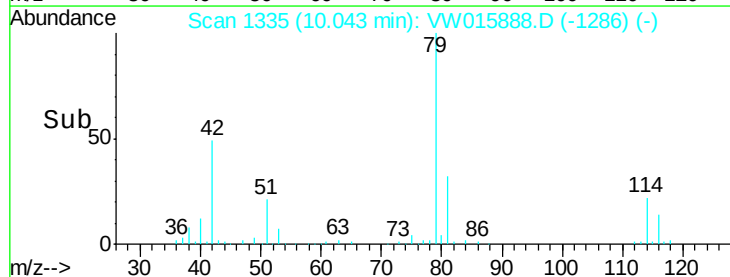
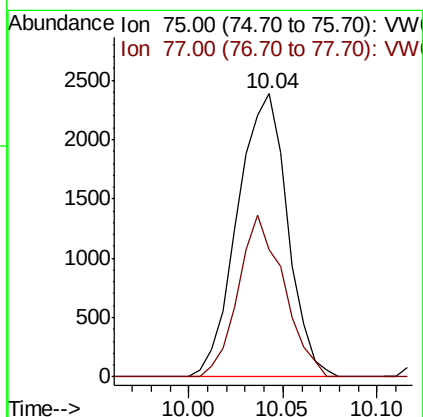
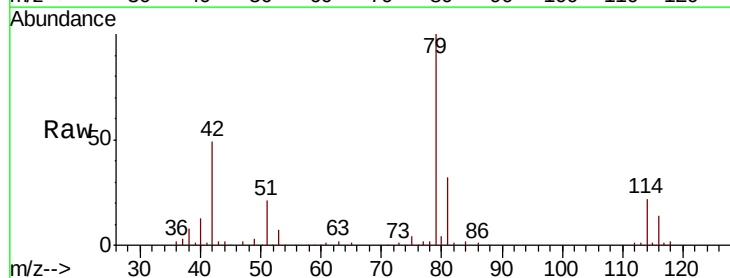
Instrument :
MSVOA_W
ClientSampleId :
GAXZ8

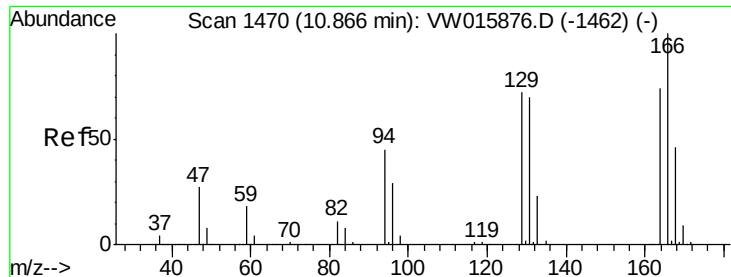
Tot Ion: 83 Resp: 38695
Ion Ratio Lower Upper
83 100
55 0.2 63.5 95.3#
98 1.8 39.0 58.4#



#42
cis-1,3-Dichloropropene
Concen: 0.426 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW015888.D
Acq: 21 Jul 2020 15:44

Tgt Ion: 75 Resp: 4399
Ion Ratio Lower Upper
75 100
77 44.9 22.2 41.2#





#47

Tetrachloroethene

Concen: 0.751 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW015888.D

Acq: 21 Jul 2020 15:44

Instrument :

MSVOA_W

ClientSampled :

GAXZ8

Tot Ion:164 Resp: 4219

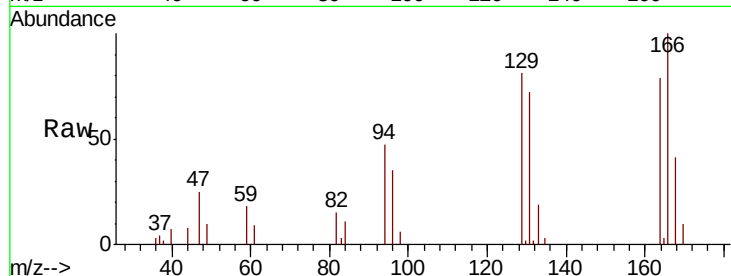
Ion Ratio Lower Upper

164 100

129 99.0 70.0 130.0

131 91.0 67.3 124.9

166 122.6 88.5 164.3

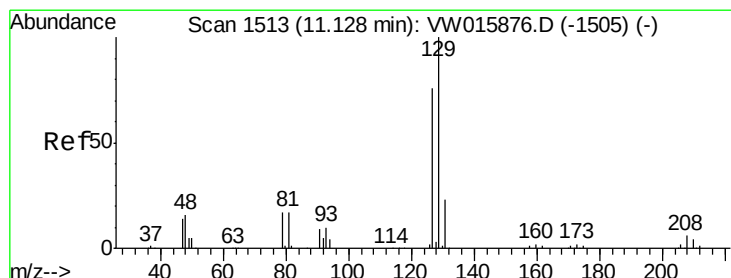
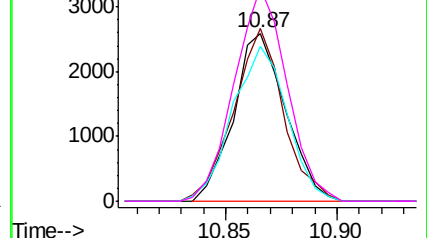
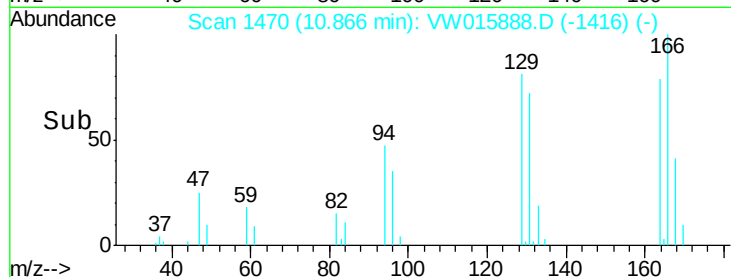


Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.739 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW015888.D

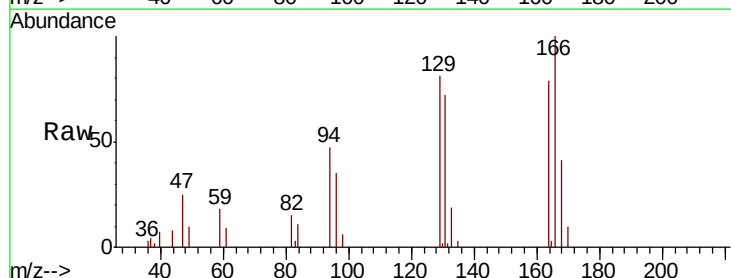
Acq: 21 Jul 2020 15:44

Tgt Ion:129 Resp: 4170

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

