

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015483.D
 Acq On : 26 May 2020 19:59
 Operator : SY/VA
 Sample : L2754-01RE
 Misc : 15.11G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 27 01:08:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 27 01:05:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	338620	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312305	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132170	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	86957	28.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.08%
7) Chloroethane-d5	2.89	69	85070	27.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.28%
10) 1,1-Dichloroethene-d2	4.01	63	135080	17.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.48%
20) 2-Butanone-d5	7.08	46	83400	82.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.64%#
24) Chloroform-d	7.65	84	196704	25.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.48%
26) 1,2-Dichloroethane-d4	8.31	65	128696	29.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.16%
29) Benzene-d6	8.27	84	389411	25.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.68%
33) 1,2-Dichloropropane-d6	9.27	67	122076	26.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.92%
37) Toluene-d8	10.32	98	358960	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.44%
38) trans-1,3-Dichloropropene-	10.58	79	57583	26.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.96%
39) 2-Hexanone-d5	10.93	63	70461	87.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	174.88%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	117086	33.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.64%#
61) 1,2-Dichlorobenzene-d4	13.85	152	109508	24.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.88%

Target Compounds

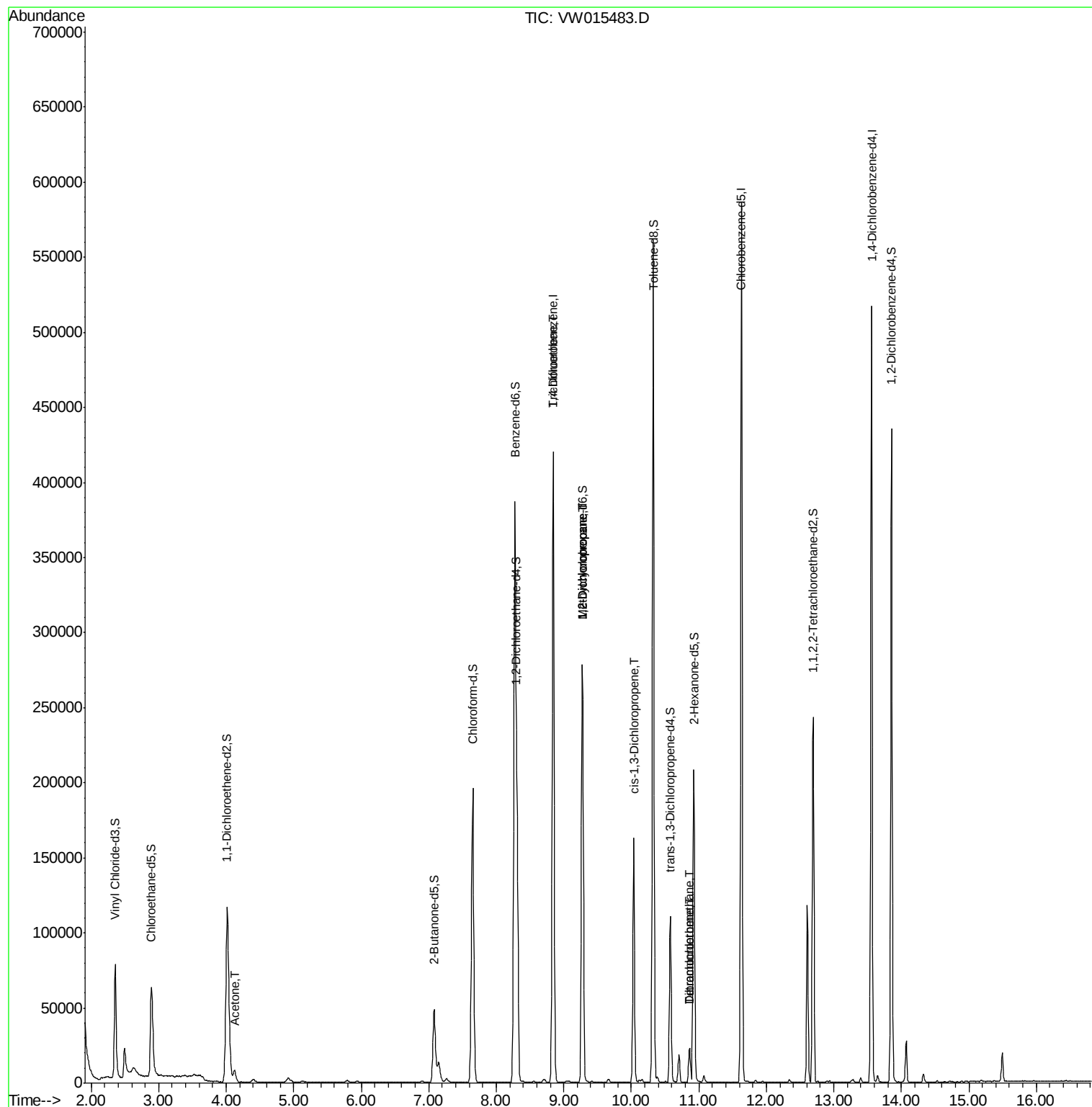
					Ovalue
13) Acetone	4.13	43	13012	16.614	ug/L 100
35) Trichloroethene	8.84	95	10391	2.215	ug/L # 5
36) Methylcyclohexane	9.27	83	29992	3.585	ug/L # 18
40) 1,2-Dichloropropane	9.27	63	14715	3.421	ug/L # 85
42) cis-1,3-Dichloropropene	10.04	75	4059	0.590	ug/L # 67
47) Tetrachloroethene	10.87	164	5132	1.380	ug/L 92
50) Dibromochloromethane	10.87	129	4749	1.299	ug/L # 12

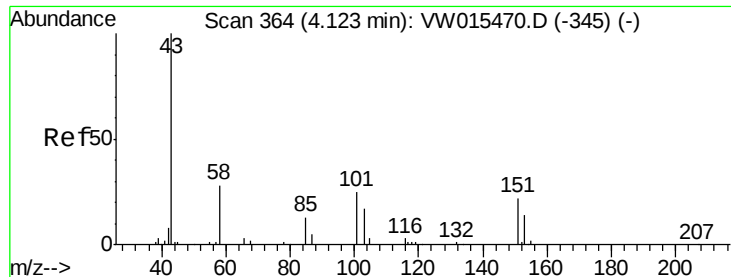
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Wed May 27 01:05:50 2020
Response via : Initial Calibration





#13

Acetone

Concen: 16.614 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015483.D

Acq: 26 May 2020 19:59

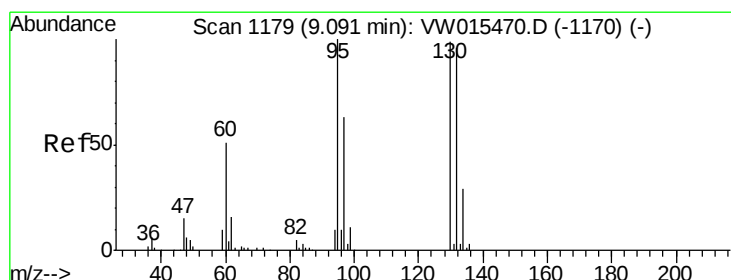
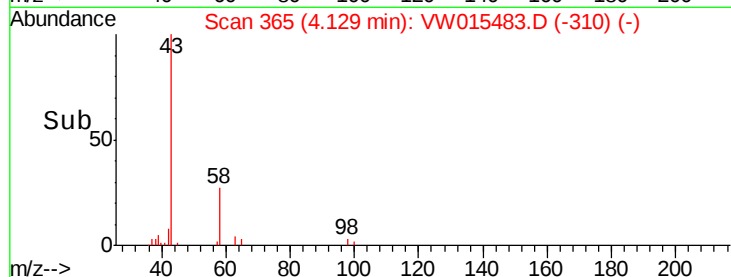
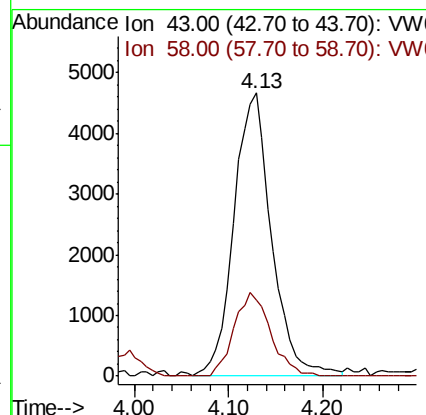
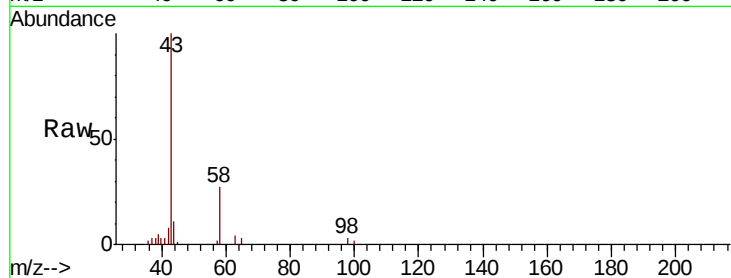
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 13012

Ion Ratio Lower Upper

43 100

58 28.6 0.0 56.8



#35

Trichloroethene

Concen: 2.215 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015483.D

Acq: 26 May 2020 19:59

Tgt Ion: 95 Resp: 10391

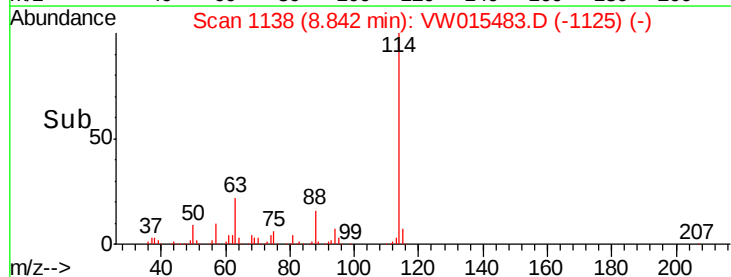
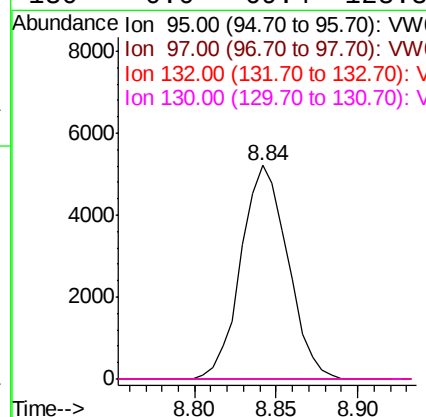
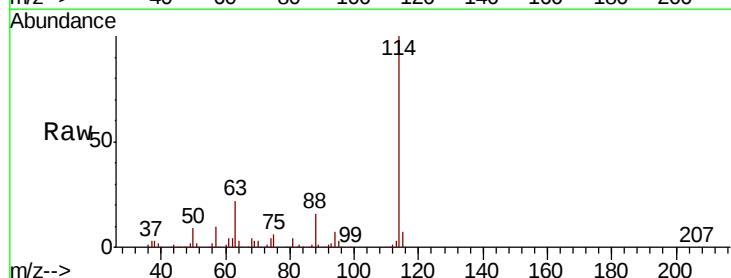
Ion Ratio Lower Upper

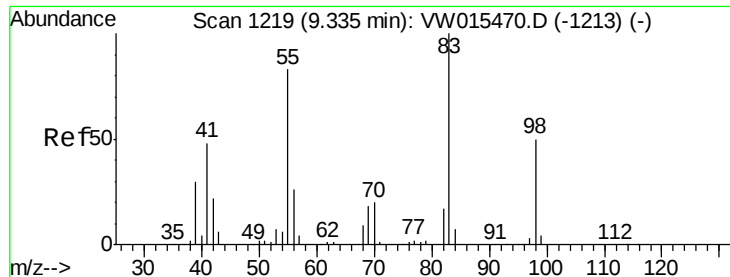
95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

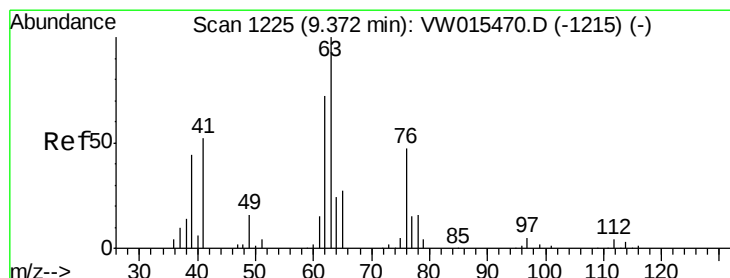
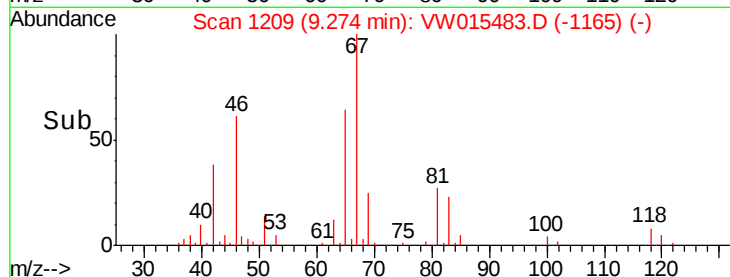
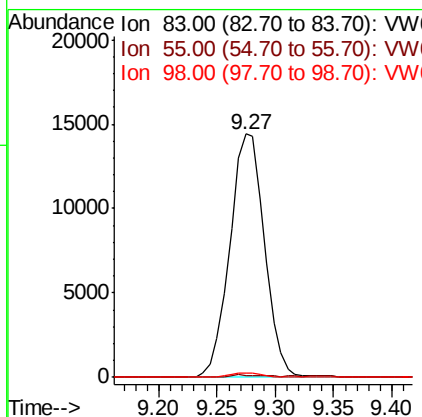
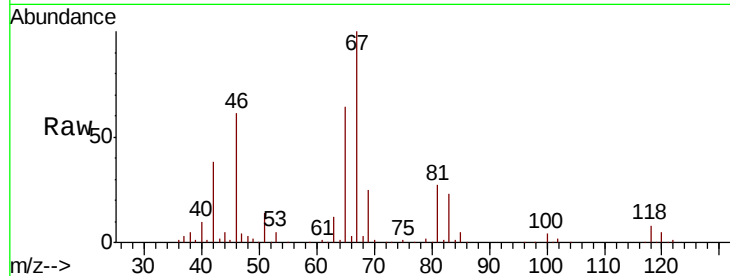




#36
Methvlcvclohexane
Concen: 3.585 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015483.D
Acq: 26 May 2020 19:59

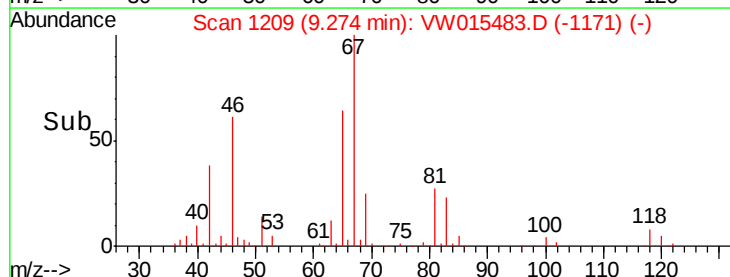
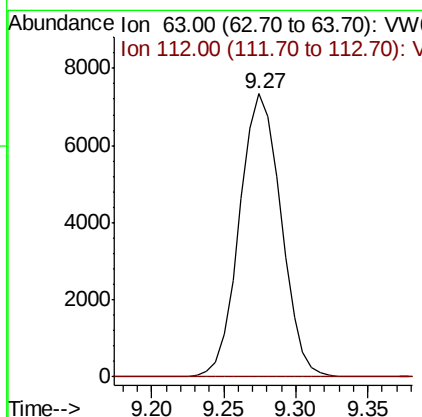
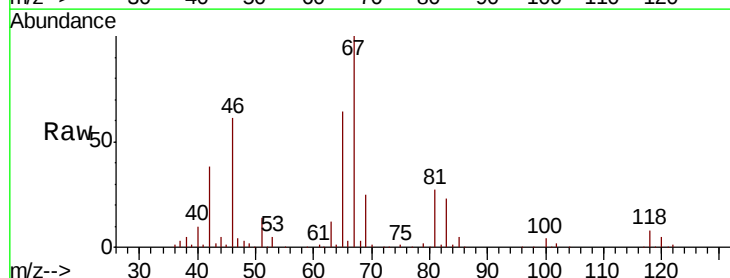
Instrument :
MSVOA_W
ClientSampleId :

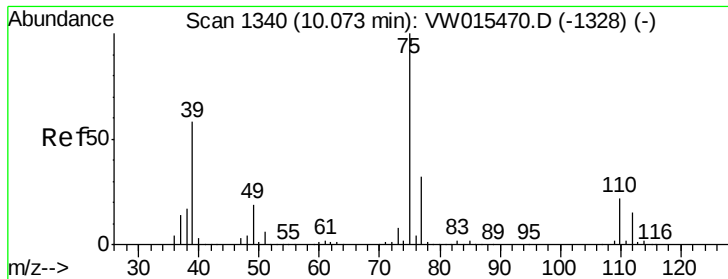
Tot Ion: 83 Resp: 29992
Ion Ratio Lower Upper
83 100
55 0.6 62.8 94.2#
98 1.7 39.2 58.8#



#40
1,2-Dichloropropane
Concen: 3.421 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015483.D
Acq: 26 May 2020 19:59

Tgt Ion: 63 Resp: 14715
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.590 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015483.D

Acq: 26 May 2020 19:59

Instrument :

MSVOA_W

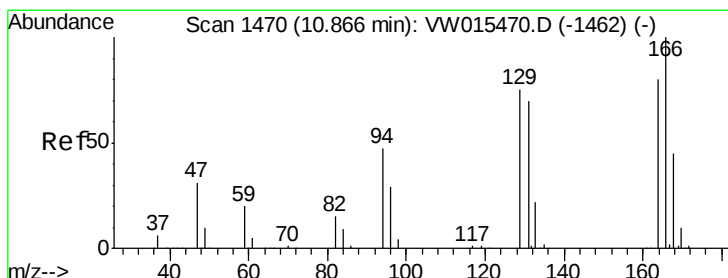
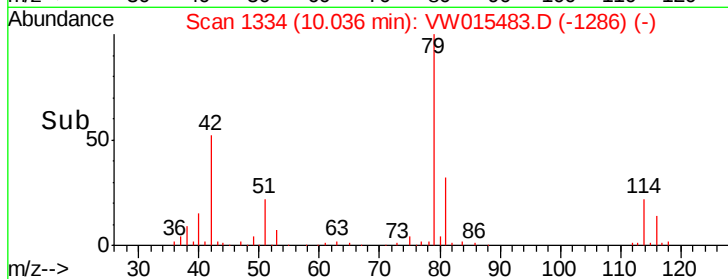
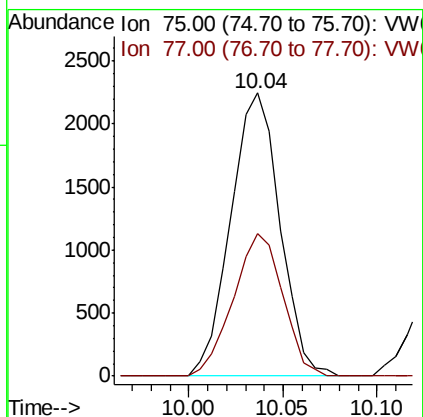
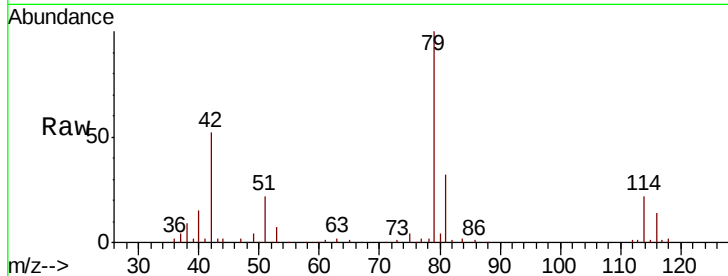
ClientSampleId :

Tot Ion: 75 Resp: 4059

Ion Ratio Lower Upper

75 100

77 50.2 22.3 41.5#



#47

Tetrachloroethene

Concen: 1.380 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW015483.D

Acq: 26 May 2020 19:59

Tgt Ion:164 Resp: 5132

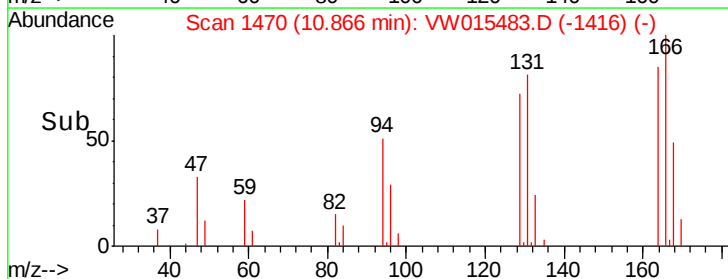
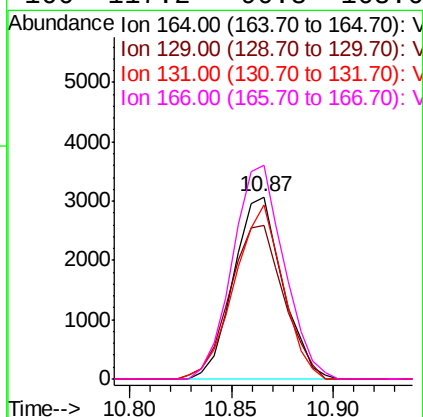
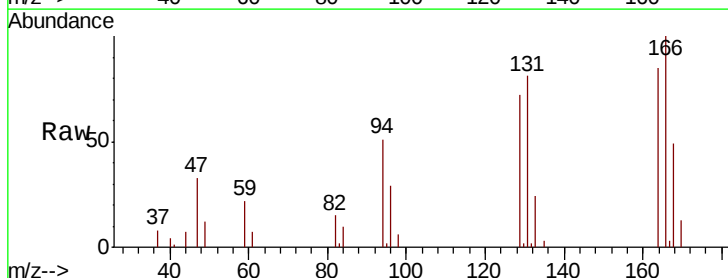
Ion Ratio Lower Upper

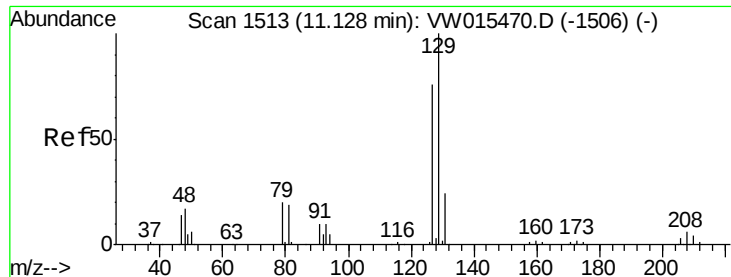
164 100

129 84.1 66.3 123.1

131 95.2 65.1 120.9

166 117.2 90.8 168.6





#50

Dibromochloromethane

Concen: 1.299 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW015483.D

Acq: 26 May 2020 19:59

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:129 Resp: 4749

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#

