

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060820\
 Data File : VW015553.D
 Acq On : 08 Jun 2020 13:16
 Operator : SY/VA
 Sample : L2754-07
 Misc : 14.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 02:04:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	357406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267564	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72309	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120132	36.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	146.72%
7) Chloroethane-d5	2.90	69	96148	29.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.08%
10) 1,1-Dichloroethene-d2	4.02	63	171471	21.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.96%
20) 2-Butanone-d5	7.09	46	68932	64.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.92%
24) Chloroform-d	7.65	84	222767	26.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	8.31	65	138226	30.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.24%
29) Benzene-d6	8.28	84	434728	33.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.52%
33) 1,2-Dichloropropane-d6	9.27	67	133350	33.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.76%#
37) Toluene-d8	10.33	98	368710	28.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.60%
38) trans-1,3-Dichloropropene-	10.58	79	55992	30.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.40%
39) 2-Hexanone-d5	10.93	63	52206	75.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.24%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	93813	31.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.96%#
61) 1,2-Dichlorobenzene-d4	13.86	152	63614	26.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.00%

Target Compounds

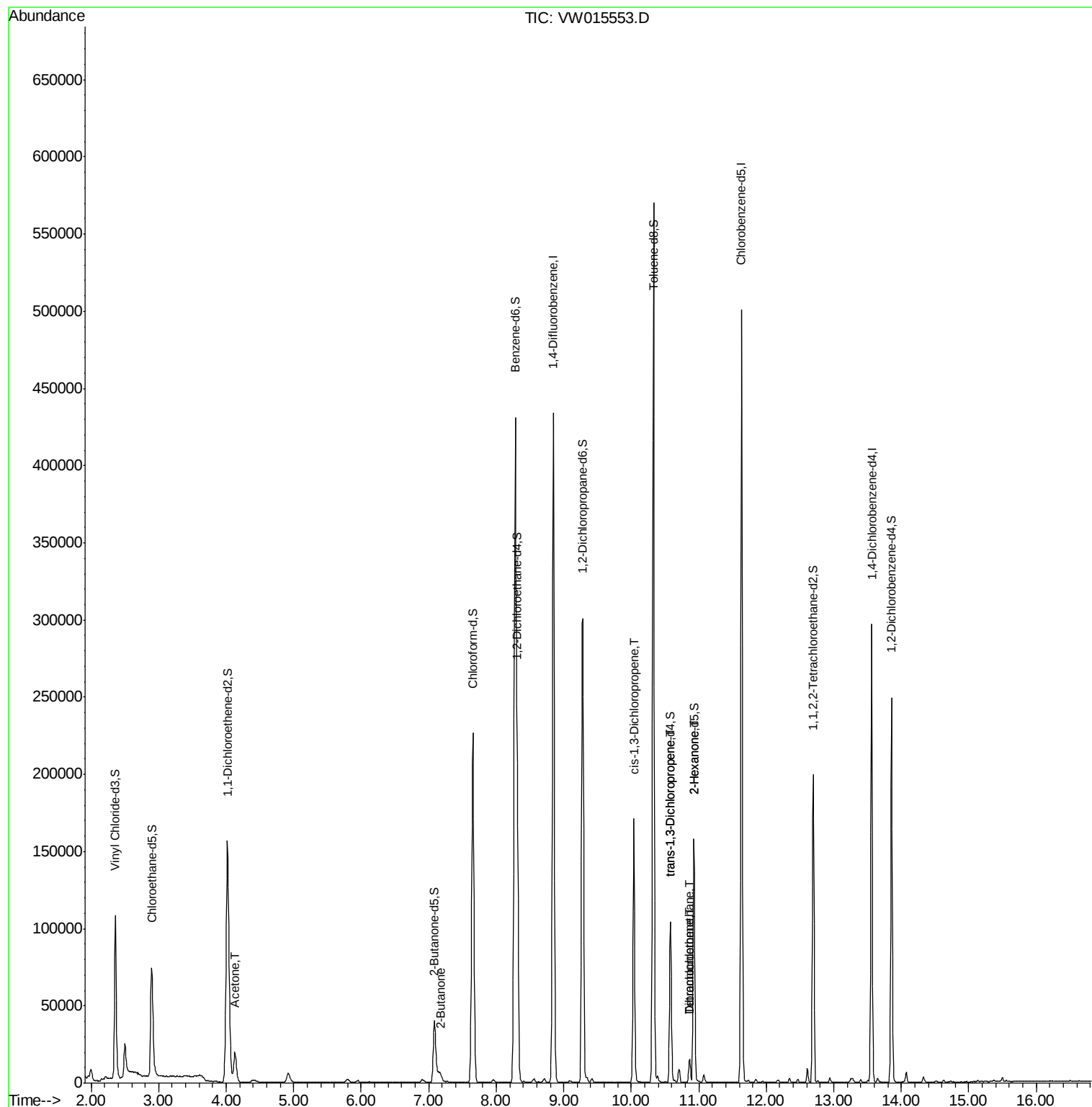
					Ovalue
13) Acetone	4.13	43	34559	41.805	ug/L 100
21) 2-Butanone	7.18	43	5283	4.160	ug/L 94
42) cis-1,3-Dichloropropene	10.04	75	4477	0.759	ug/L # 70
45) trans-1,3-Dichloropropene	10.58	75	2626	0.512	ug/L # 71
47) Tetrachloroethene	10.87	164	3344	1.050	ug/L 96
49) 2-Hexanone	10.93	43	6440	4.417	ug/L # 66
50) Dibromochloromethane	10.87	129	3286	1.049	ug/L # 12

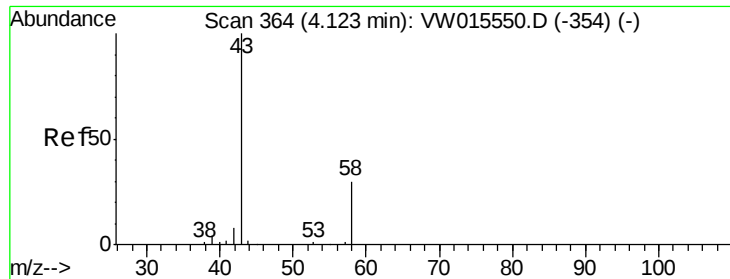
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 09 02:02:35 2020
Response via : Initial Calibration





#13

Acetone

Concen: 41.805 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015553.D

Acq: 08 Jun 2020 13:16

Instrument :

MSVOA_W

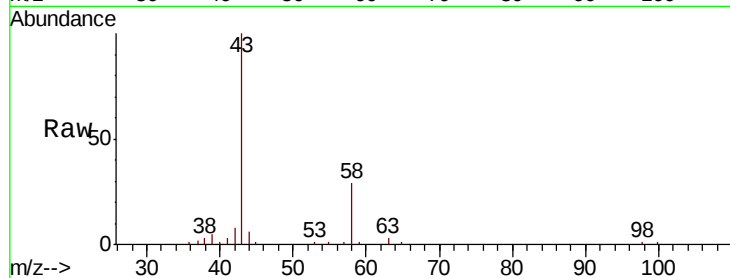
ClientSampled :

Tot Ion: 43 Resp: 34559

Ion Ratio Lower Upper

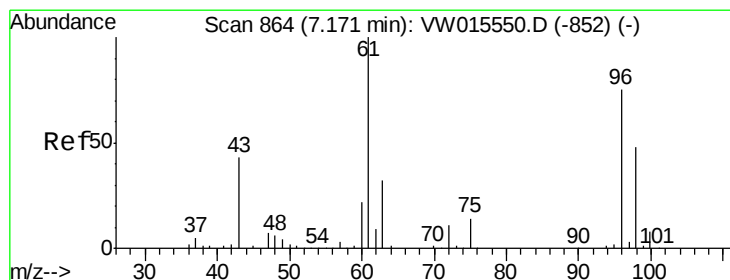
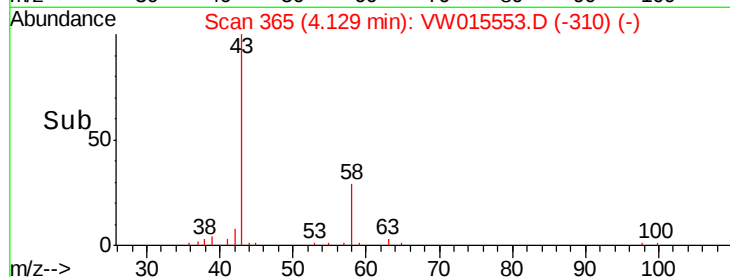
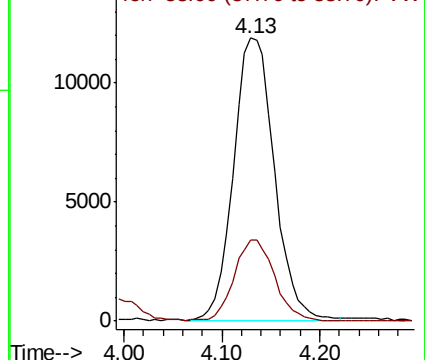
43 100

58 28.2 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 4.160 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015553.D

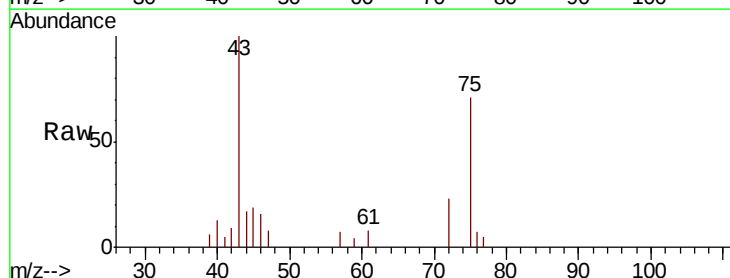
Acq: 08 Jun 2020 13:16

Tgt Ion: 43 Resp: 5283

Ion Ratio Lower Upper

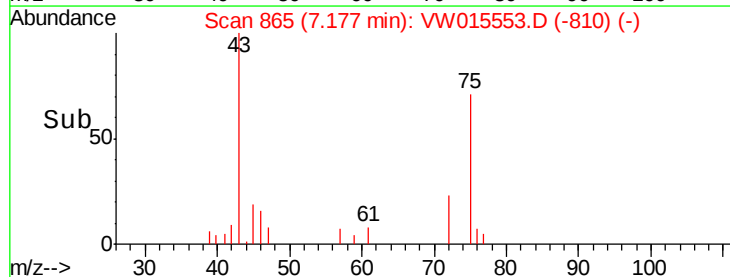
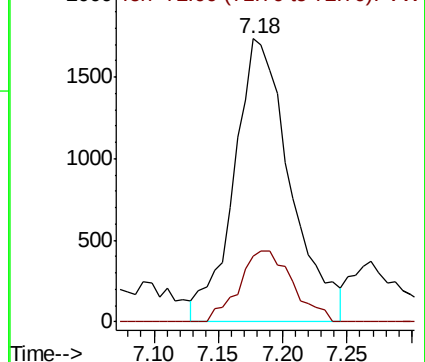
43 100

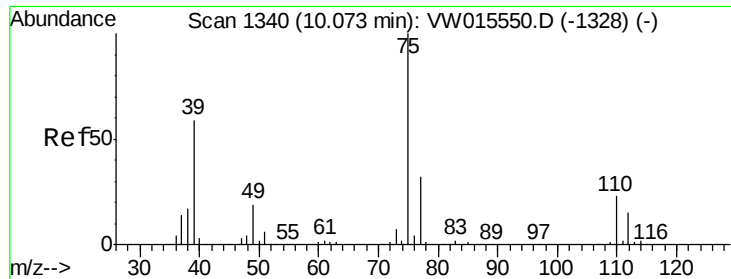
72 23.7 13.3 39.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

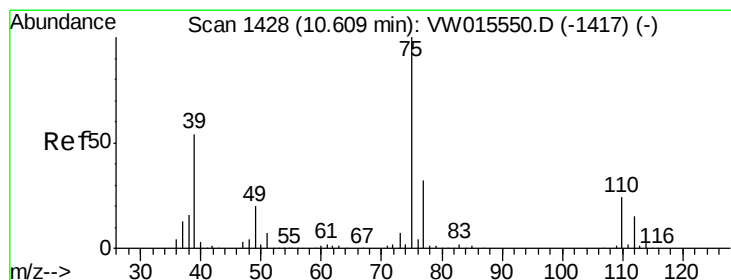
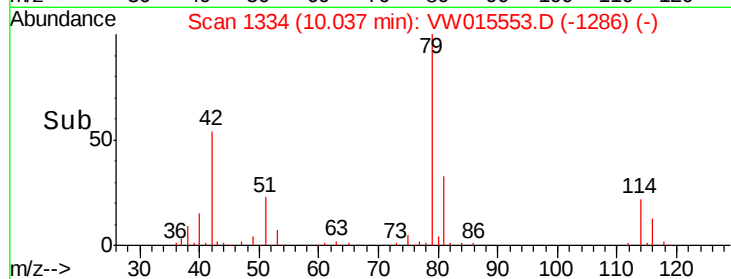
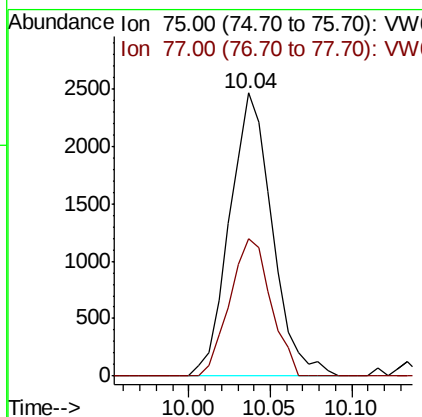
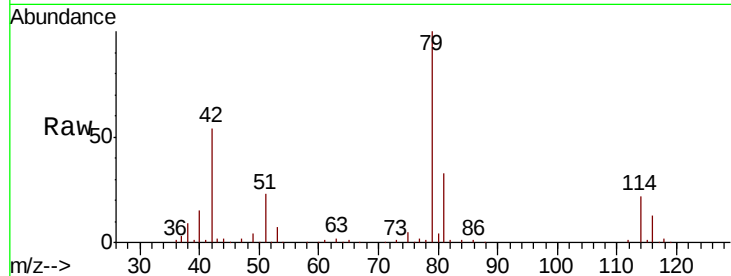




#42
 cis-1,3-Dichloropropene
 Concen: 0.759 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015553.D
 Acq: 08 Jun 2020 13:16

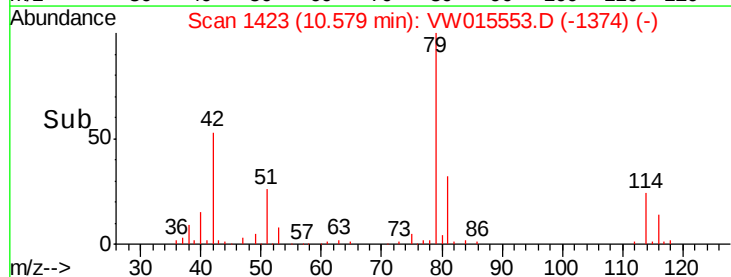
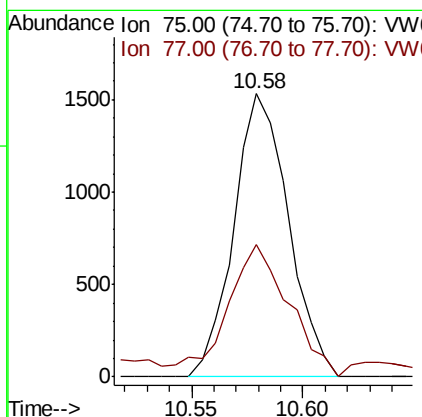
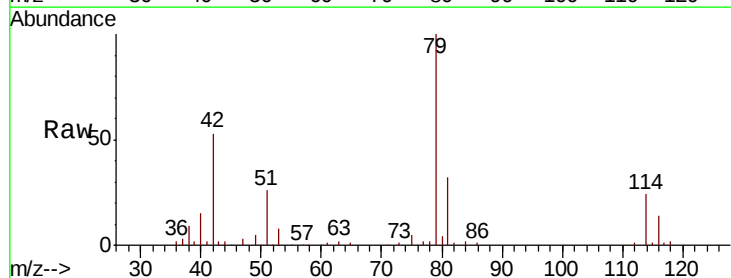
Instrument :
 MSVOA_W
 ClientSampled :

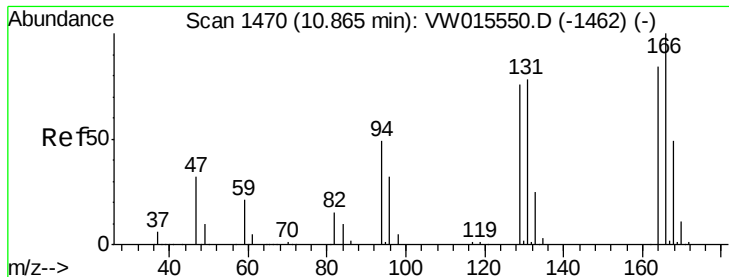
Tot Ion: 75 Resp: 4477
 Ion Ratio Lower Upper
 75 100
 77 48.5 22.3 41.5#



#45
 trans-1,3-Dichloropropene
 Concen: 0.512 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.03 min
 Lab File: VW015553.D
 Acq: 08 Jun 2020 13:16

Tgt Ion: 75 Resp: 2626
 Ion Ratio Lower Upper
 75 100
 77 46.6 21.5 39.9#





#47

Tetrachloroethene

Concen: 1.050 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW015553.D

Acq: 08 Jun 2020 13:16

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 3344

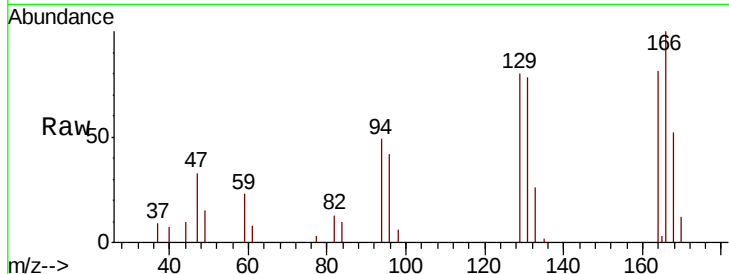
Ion Ratio Lower Upper

164 100

129 98.8 66.3 123.1

131 96.3 65.1 120.9

166 123.8 90.8 168.6

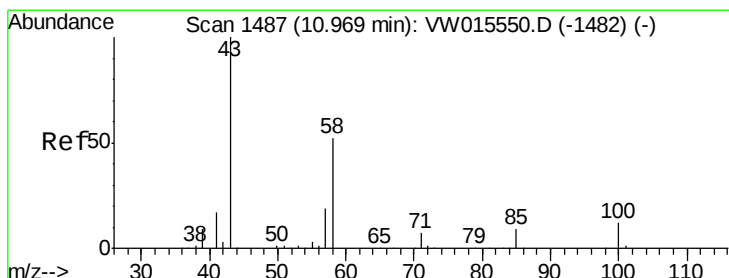
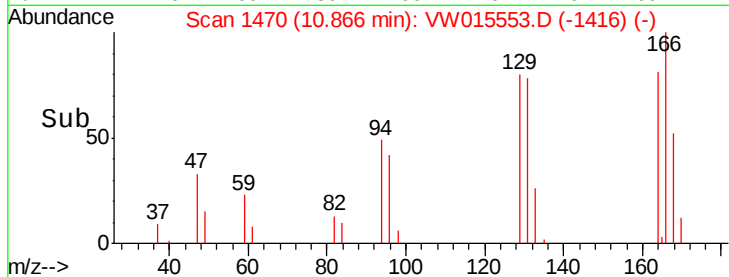
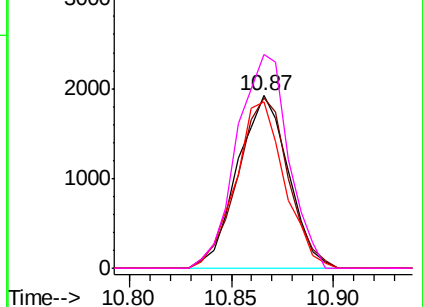


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

2-Hexanone

Concen: 4.417 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015553.D

Acq: 08 Jun 2020 13:16

Tgt Ion: 43 Resp: 6440

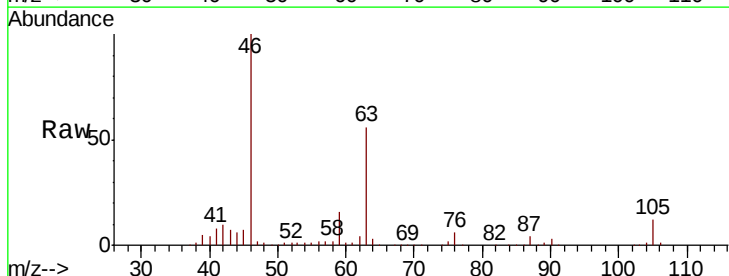
Ion Ratio Lower Upper

43 100

58 22.9 42.6 64.0#

57 25.4 15.5 23.3#

100 0.0 10.3 15.5#

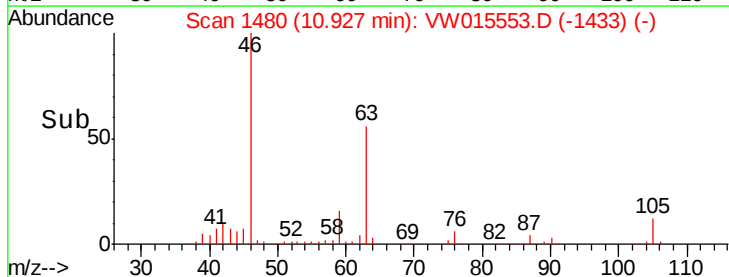
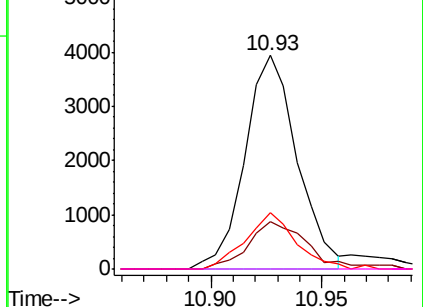


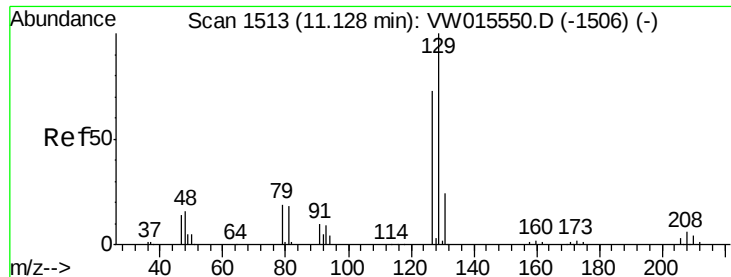
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 1.049 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW015553.D

Acq: 08 Jun 2020 13:16

Instrument :

MSVOA_W

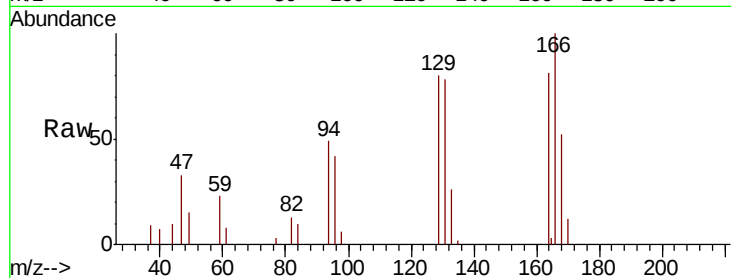
ClientSampleId :

Tot Ion:129 Resp: 3286

Ion Ratio Lower Upper

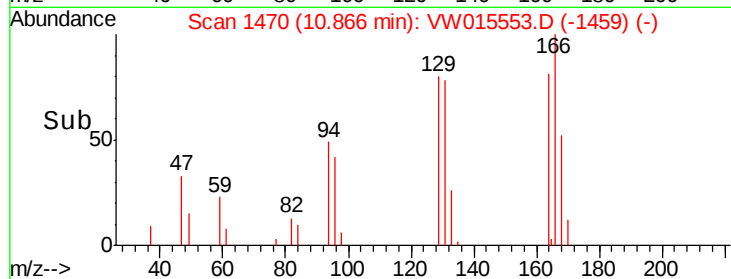
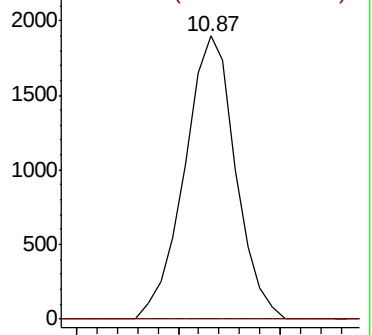
129 100

127 0.0 53.0 98.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->