

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016713.D
 Acq On : 30 Sep 2020 15:40
 Operator : SY/VA
 Sample : L4144-11
 Misc : 5.82G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM6

Quant Time: Oct 01 05:07:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	615867	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	474558	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169233	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	119163	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.96%
7) Chloroethane-d5	2.90	69	112709	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.64%
10) 1,1-Dichloroethene-d2	4.03	63	214230	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	7.09	46	65997	40.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.22%
24) Chloroform-d	7.66	84	340583	26.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.76%
26) 1,2-Dichloroethane-d4	8.31	65	170768	25.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.28%
29) Benzene-d6	8.28	84	627580	29.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.96%
33) 1,2-Dichloropropane-d6	9.28	67	175563	30.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.76%#
37) Toluene-d8	10.33	98	584435	27.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.64%
38) trans-1,3-Dichloropropene-	10.58	79	68117	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.72%
39) 2-Hexanone-d5	10.93	63	50705	48.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118651	24.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	147043	27.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.76%

Target Compounds

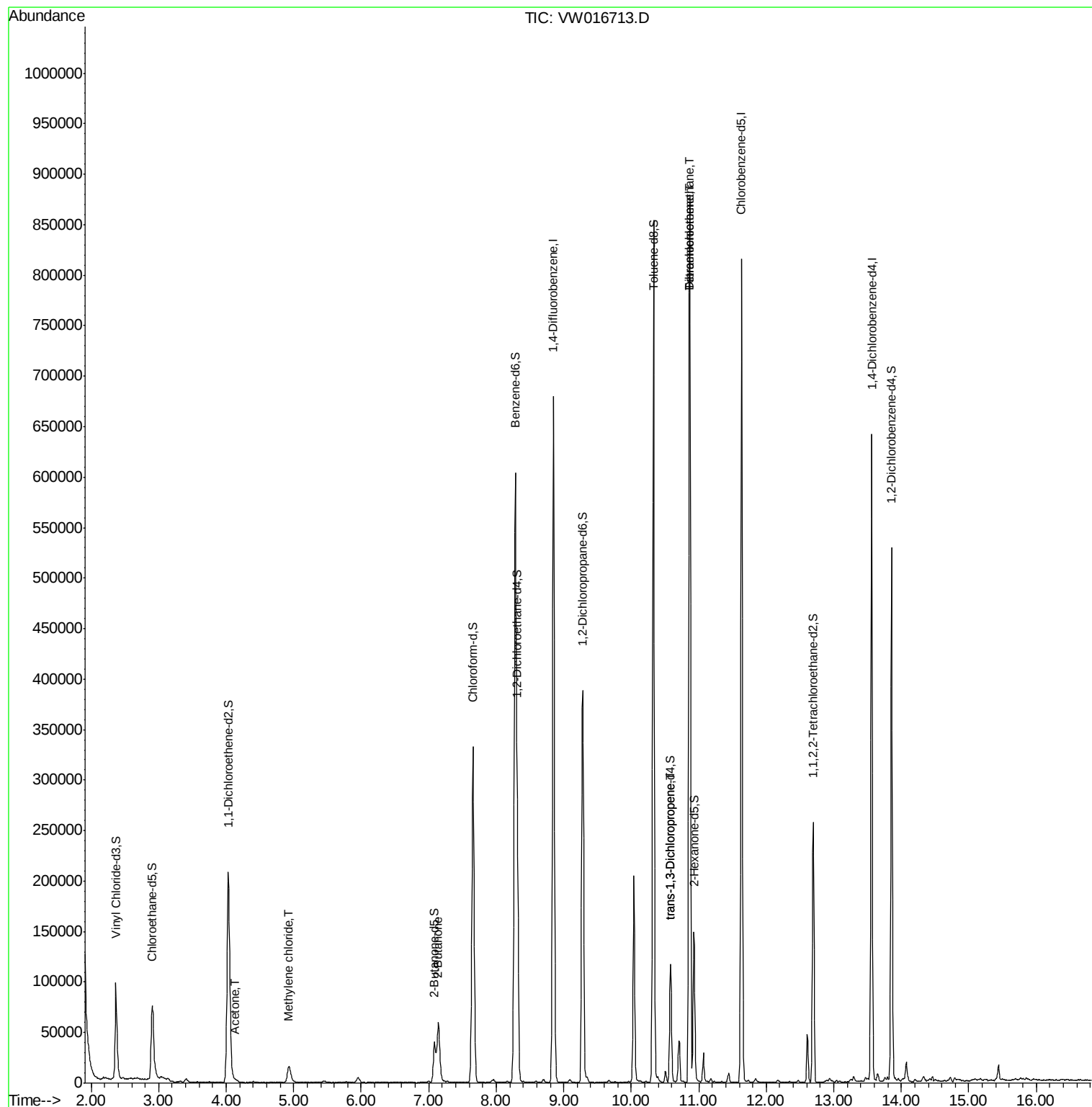
					Ovalue
13) Acetone	4.14	43	4821	3.787 ug/L	91
16) Methylene chloride	4.93	84	14941	1.573 ug/L	97
21) 2-Butanone	7.14	43	2292	1.058 ug/L #	63
45) trans-1,3-Dichloropropene	10.59	75	3622	0.412 ug/L	100
47) Tetrachloroethene	10.87	164	208358	31.355 ug/L	93
50) Dibromochloromethane	10.87	129	185870	28.565 ug/L #	12

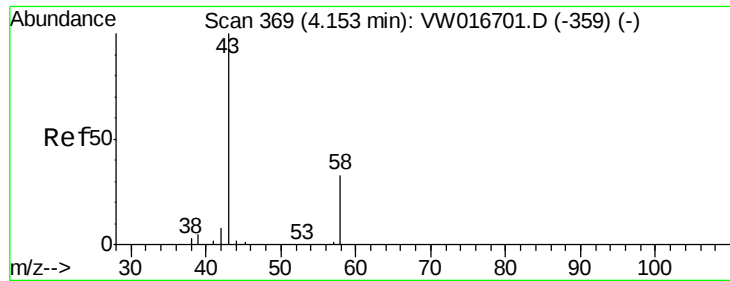
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 05:05:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.787 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016713.D

Acq: 30 Sep 2020 15:40

Instrument :

MSVOA_W

ClientSampled :

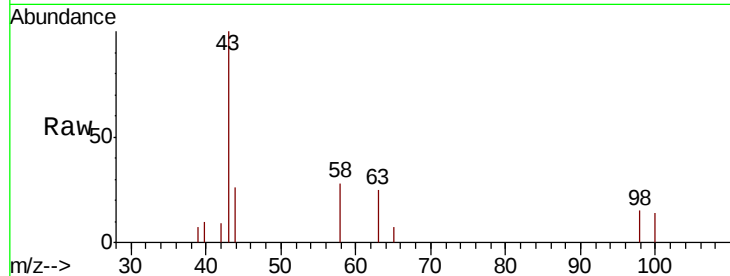
C0AM6

Tot Ion: 43 Resp: 4821

Ion Ratio Lower Upper

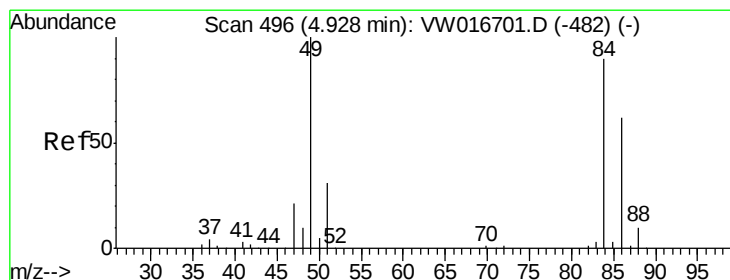
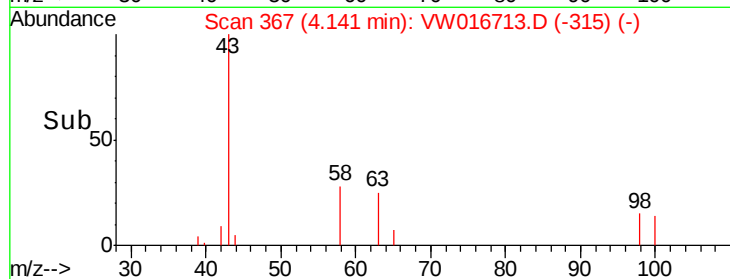
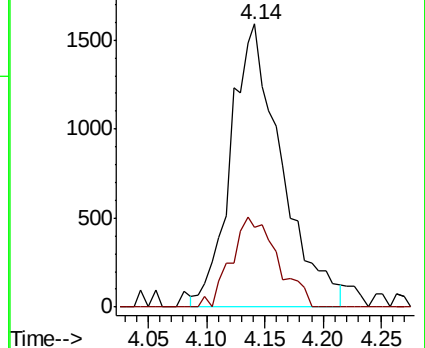
43 100

58 25.2 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.573 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016713.D

Acq: 30 Sep 2020 15:40

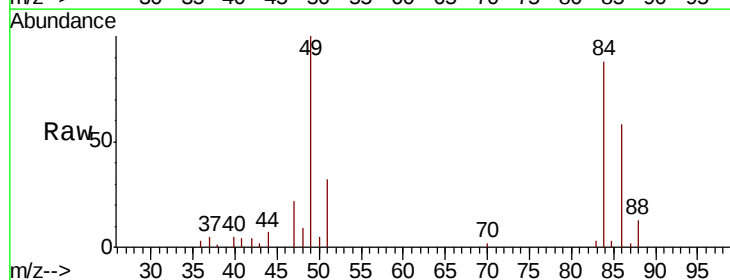
Tgt Ion: 84 Resp: 14941

Ion Ratio Lower Upper

84 100

49 113.1 76.0 141.2

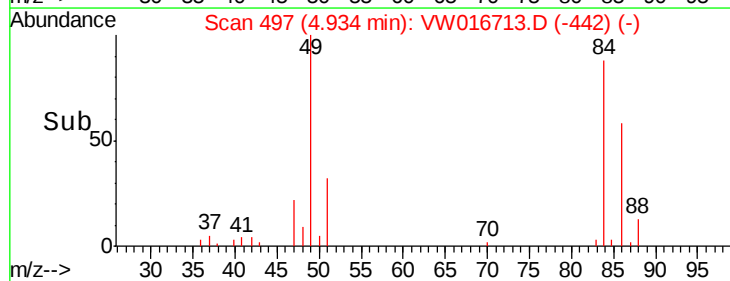
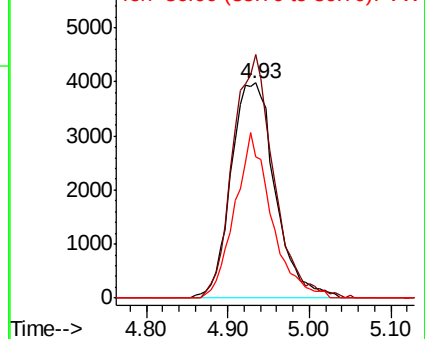
86 65.5 45.6 84.6

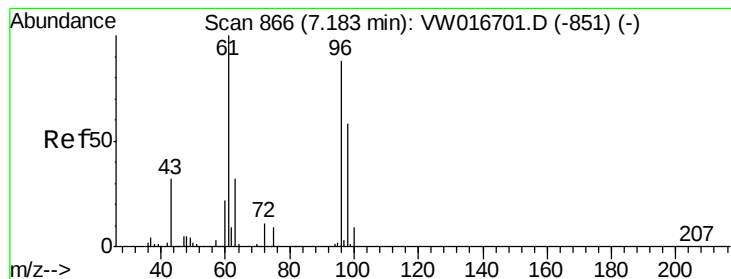


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.058 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

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Acq: 30 Sep 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

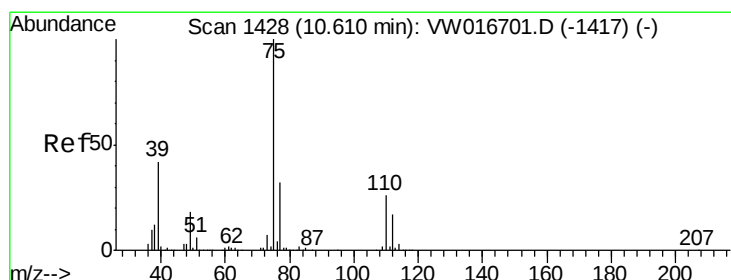
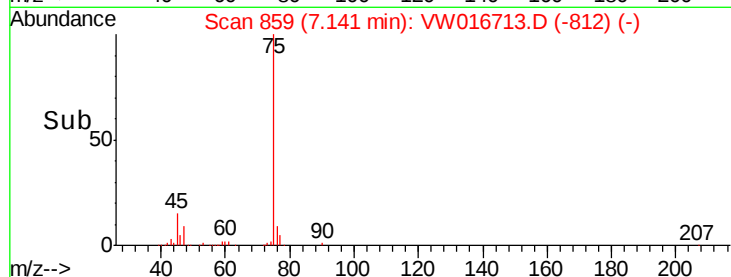
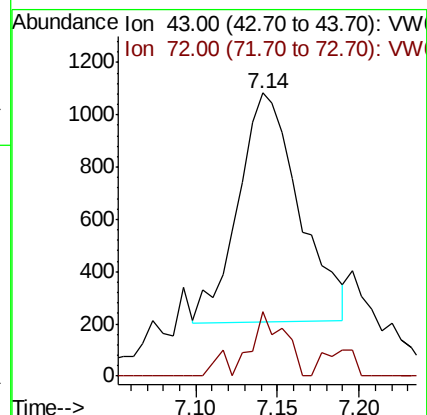
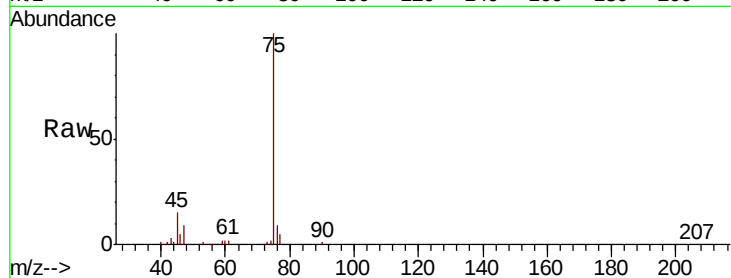
C0AM6

Tot Ion: 43 Resp: 2292

Ion Ratio Lower Upper

43 100

72 9.4 14.6 43.8#



#45

trans-1,3-Dichloropropene

Concen: 0.412 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016713.D

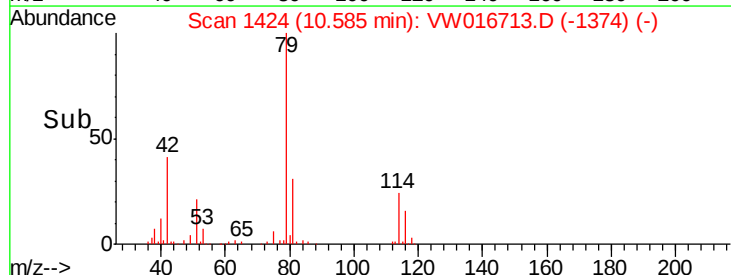
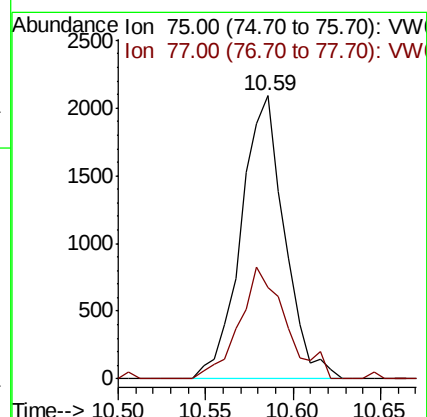
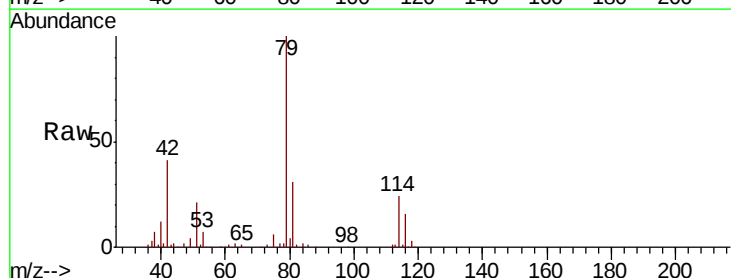
Acq: 30 Sep 2020 15:40

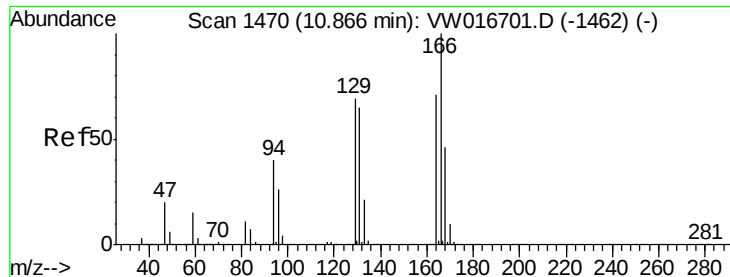
Tgt Ion: 75 Resp: 3622

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9





#47

Tetrachloroethene

Concen: 31.355 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016713.D

Acq: 30 Sep 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

C0AM6

Tot Ion:164 Resp: 208358

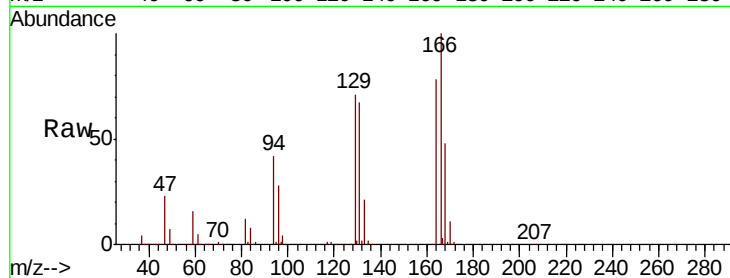
Ion Ratio Lower Upper

164 100

129 90.9 55.6 103.2

131 86.0 57.2 106.2

166 127.6 86.5 160.6

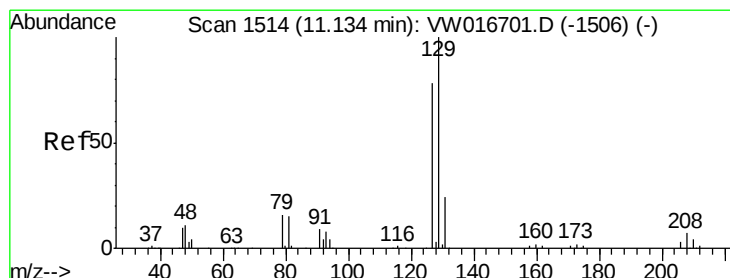
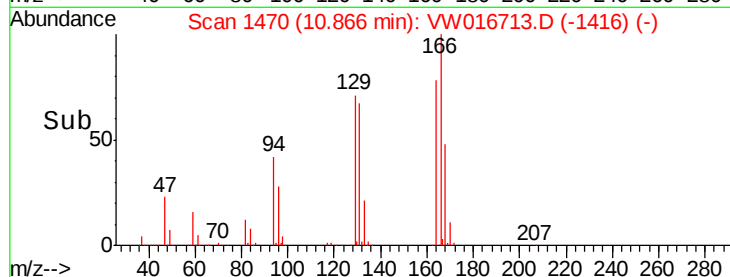
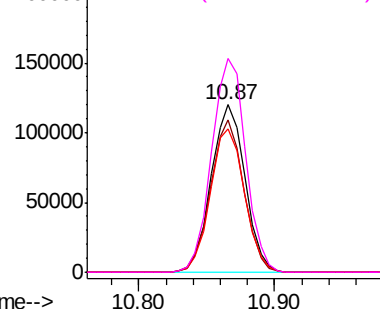


Abundance Ion 164.00 (163.70 to 164.70): V

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



#50

Dibromochloromethane

Concen: 28.565 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW016713.D

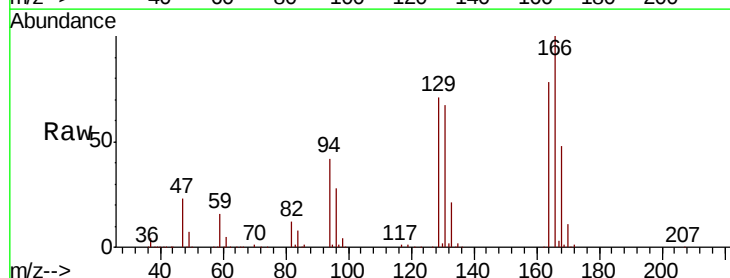
Acq: 30 Sep 2020 15:40

Tgt Ion:129 Resp: 185870

Ion Ratio Lower Upper

129 100

127 0.1 52.4 97.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

