

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\
 Data File : VW016502.D
 Acq On : 09 Sep 2020 17:20
 Operator : SY/VA
 Sample : L3950-08
 Misc : 5.81G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWW4

Quant Time: Sep 10 05:17:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 05:09:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	694909	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	611293	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	271706	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	183535	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.56%
7) Chloroethane-d5	2.90	69	159496	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.36%
10) 1,1-Dichloroethene-d2	4.03	63	278077	16.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.60%
20) 2-Butanone-d5	7.08	46	82852	31.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.94%
24) Chloroform-d	7.65	84	365316	22.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	8.31	65	193835	21.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.12%
29) Benzene-d6	8.28	84	726393	23.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.48%
33) 1,2-Dichloropropane-d6	9.28	67	205130	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.88%
37) Toluene-d8	10.33	98	696025	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.24%
38) trans-1,3-Dichloropropene-	10.58	79	96660	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.92%
39) 2-Hexanone-d5	10.93	63	68865	36.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159516	20.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	225647	24.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.12%

Target Compounds

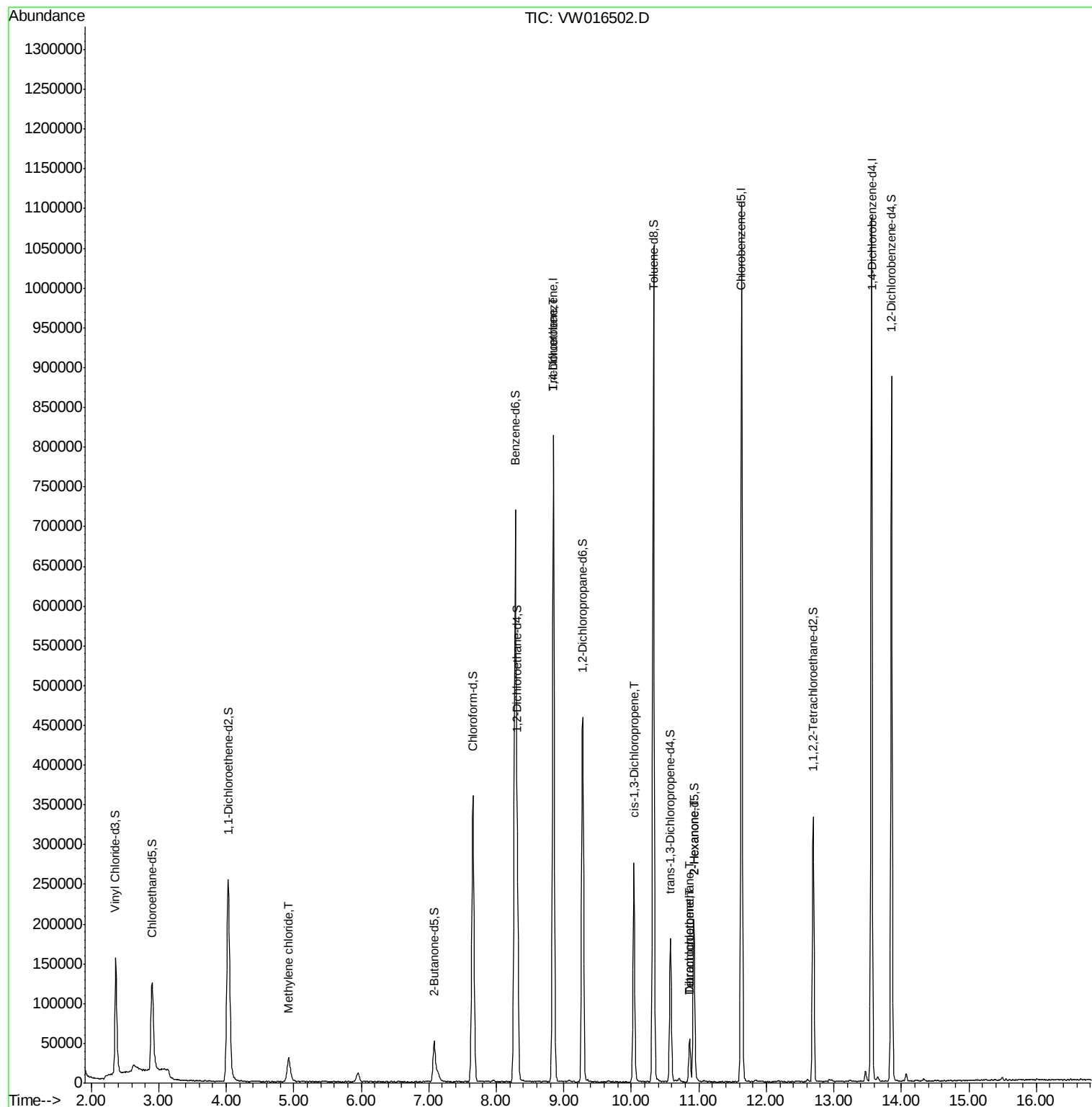
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.93	84	25427	2.345	ug/L	89
35) Trichloroethene	8.85	95	20698	2.235	ug/L #	4
42) cis-1,3-Dichloropropene	10.04	75	8223	0.586	ug/L	95
47) Tetrachloroethene	10.87	164	11260	1.516	ug/L	85
49) 2-Hexanone	10.93	43	9786	2.401	ug/L #	65
50) Dibromochloromethane	10.87	129	11240	1.357	ug/L #	10

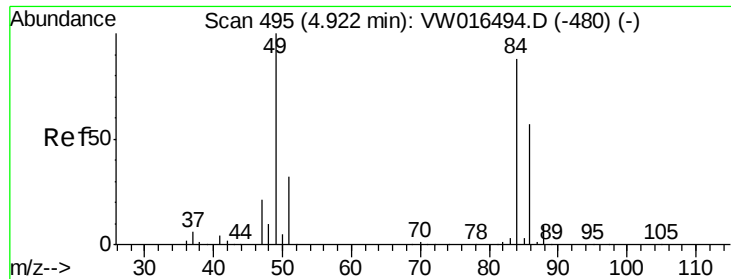
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 10 05:09:14 2020
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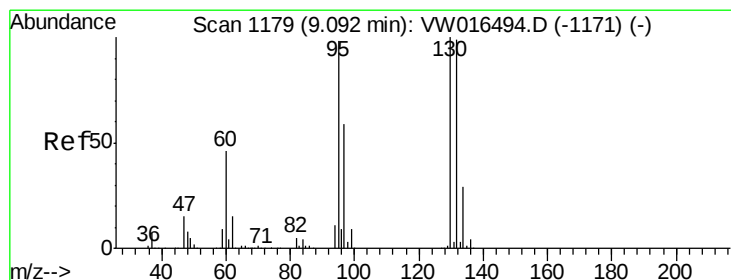
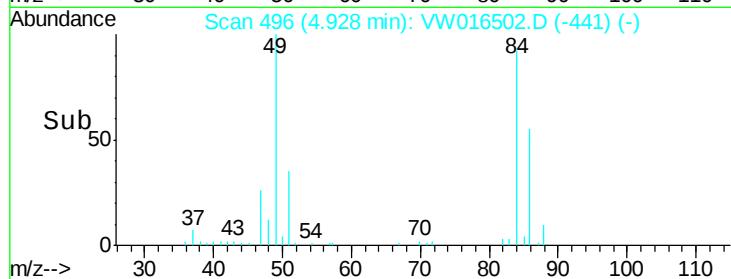
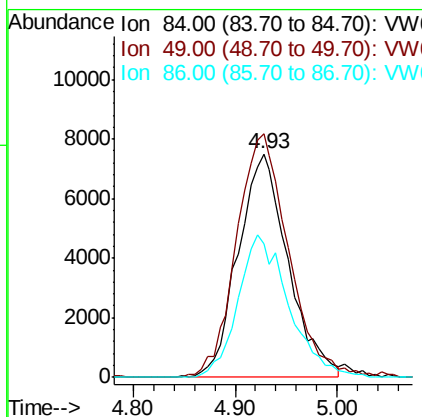
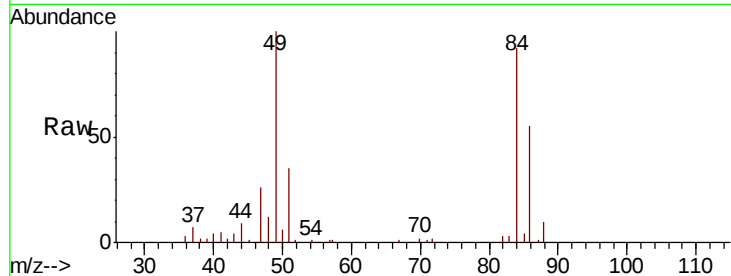




#16
Methvlene chloride
Concen: 2.345 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016502.D
Acq: 09 Sep 2020 17:20

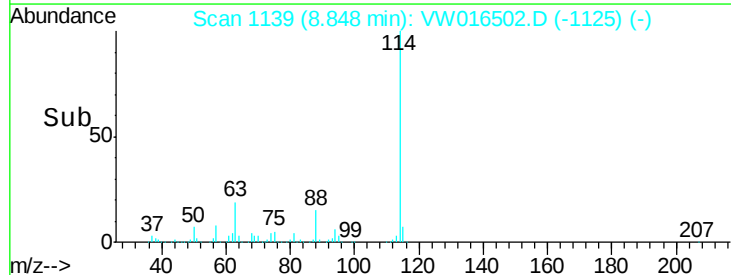
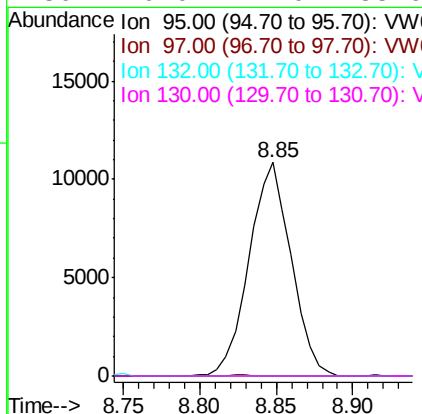
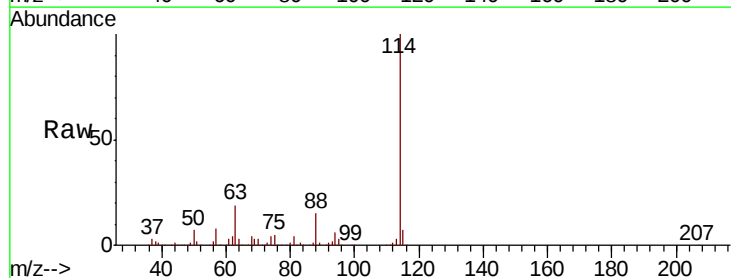
Instrument :
MSVOA_W
ClientSampleId :
BFWW4

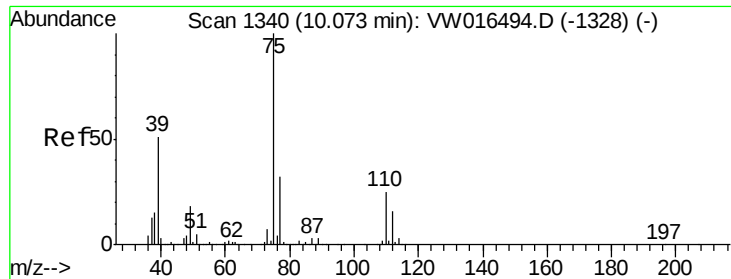
Tot Ion: 84 Resp: 25427
Ion Ratio Lower Upper
84 100
49 109.0 86.7 160.9
86 59.6 44.9 83.5



#35
Trichloroethene
Concen: 2.235 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW016502.D
Acq: 09 Sep 2020 17:20

Tgt Ion: 95 Resp: 20698
Ion Ratio Lower Upper
95 100
97 0.3 44.9 83.5#
132 0.0 69.2 128.4#
130 0.0 72.0 133.6#

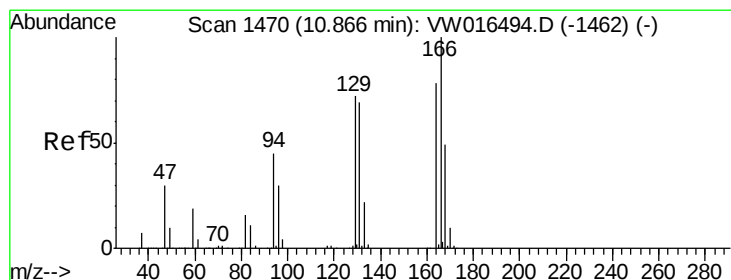
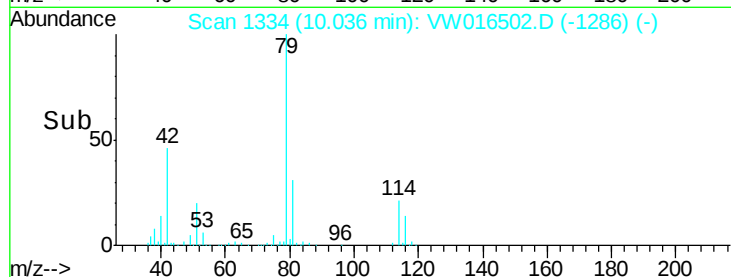
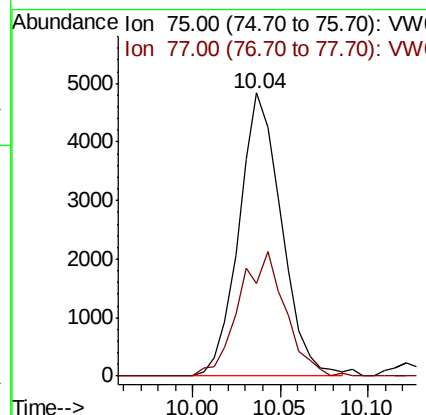
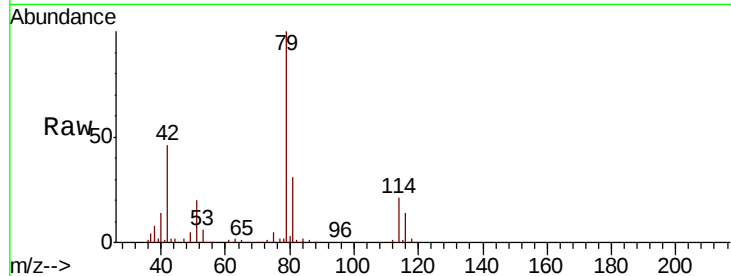




#42
 cis-1,3-Dichloropropene
 Concen: 0.586 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016502.D
 Acq: 09 Sep 2020 17:20

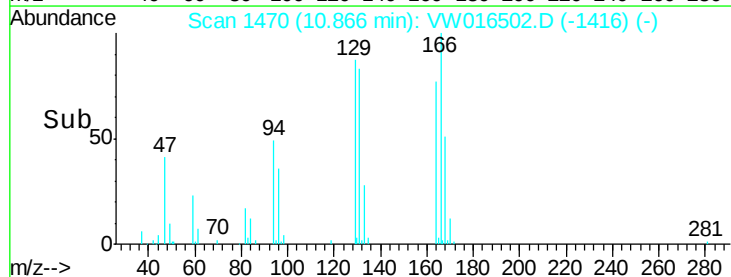
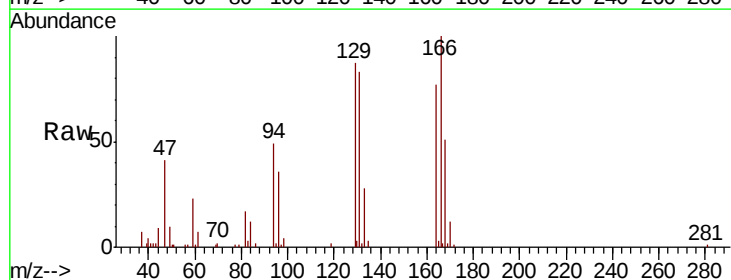
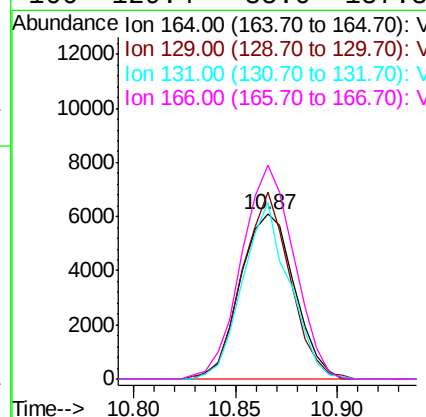
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 MSVOA_W
 ClientSampled :
 BFWW4

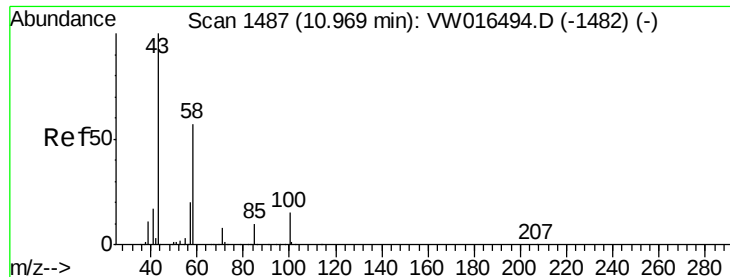
Tot Ion: 75 Resp: 8223
 Ion Ratio Lower Upper
 75 100
 77 32.7 20.9 38.7



#47
 Tetrachloroethene
 Concen: 1.516 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW016502.D
 Acq: 09 Sep 2020 17:20

Tgt Ion:164 Resp: 11260
 Ion Ratio Lower Upper
 164 100
 129 112.9 65.7 121.9
 131 107.2 61.1 113.5
 166 129.4 85.0 157.8





#49

2-Hexanone

Concen: 2.401 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016502.D

Acq: 09 Sep 2020 17:20

Instrument :

MSVOA_W

ClientSampleId :

BFWW4

Tot Ion: 43 Resp: 9786

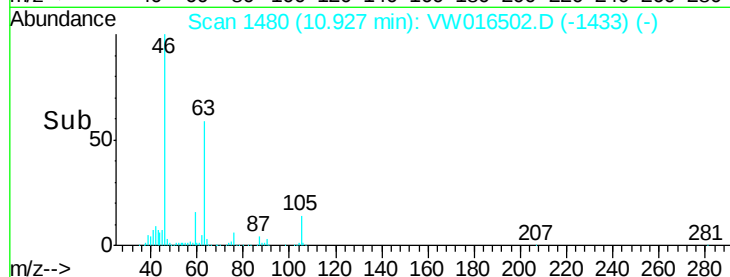
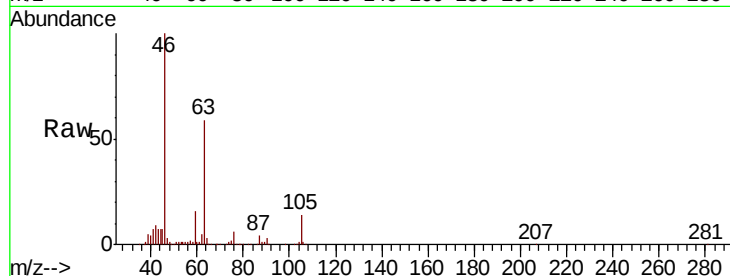
Ion Ratio Lower Upper

43 100

58 19.9 42.1 63.1#

57 19.9 14.9 22.3

100 0.0 10.3 15.5#

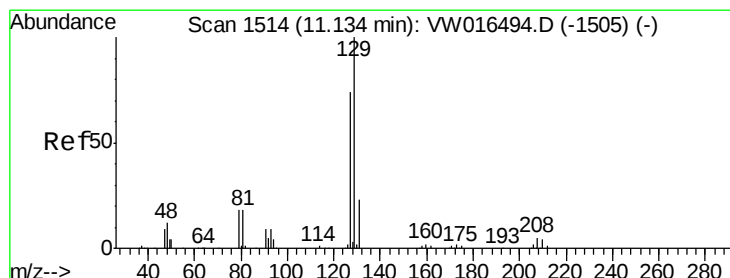
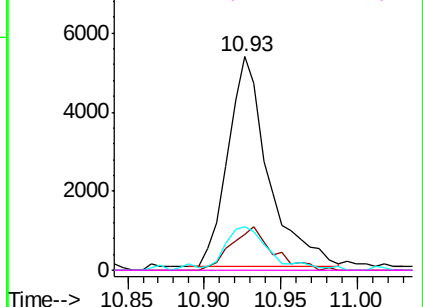


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 1.357 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW016502.D

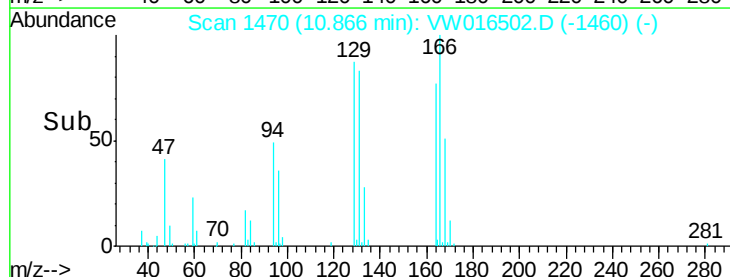
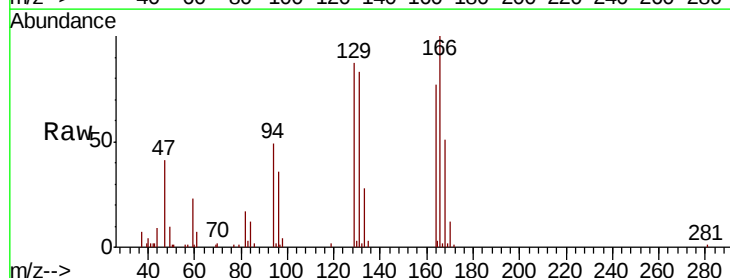
Acq: 09 Sep 2020 17:20

Tgt Ion: 129 Resp: 11240

Ion Ratio Lower Upper

129 100

127 0.0 55.4 103.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

