

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016265.D
 Acq On : 20 Aug 2020 14:33
 Operator : SY/VA
 Sample : L3767-09
 Misc : 6.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 03:30:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	368317	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342906	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148390	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75116	16.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.80%
7) Chloroethane-d5	2.89	69	63559	18.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.36%
10) 1,1-Dichloroethene-d2	4.02	63	130441	13.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.80%
20) 2-Butanone-d5	7.08	46	37517	31.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.44%
24) Chloroform-d	7.65	84	209729	21.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	8.31	65	98579	18.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.12%
29) Benzene-d6	8.28	84	392697	21.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.20%
33) 1,2-Dichloropropane-d6	9.27	67	116265	21.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.76%
37) Toluene-d8	10.33	98	353765	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.72%
38) trans-1,3-Dichloropropene-	10.58	79	44918	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.88%
39) 2-Hexanone-d5	10.93	63	30727	32.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84875	19.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	128542	24.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.76%

Target Compounds

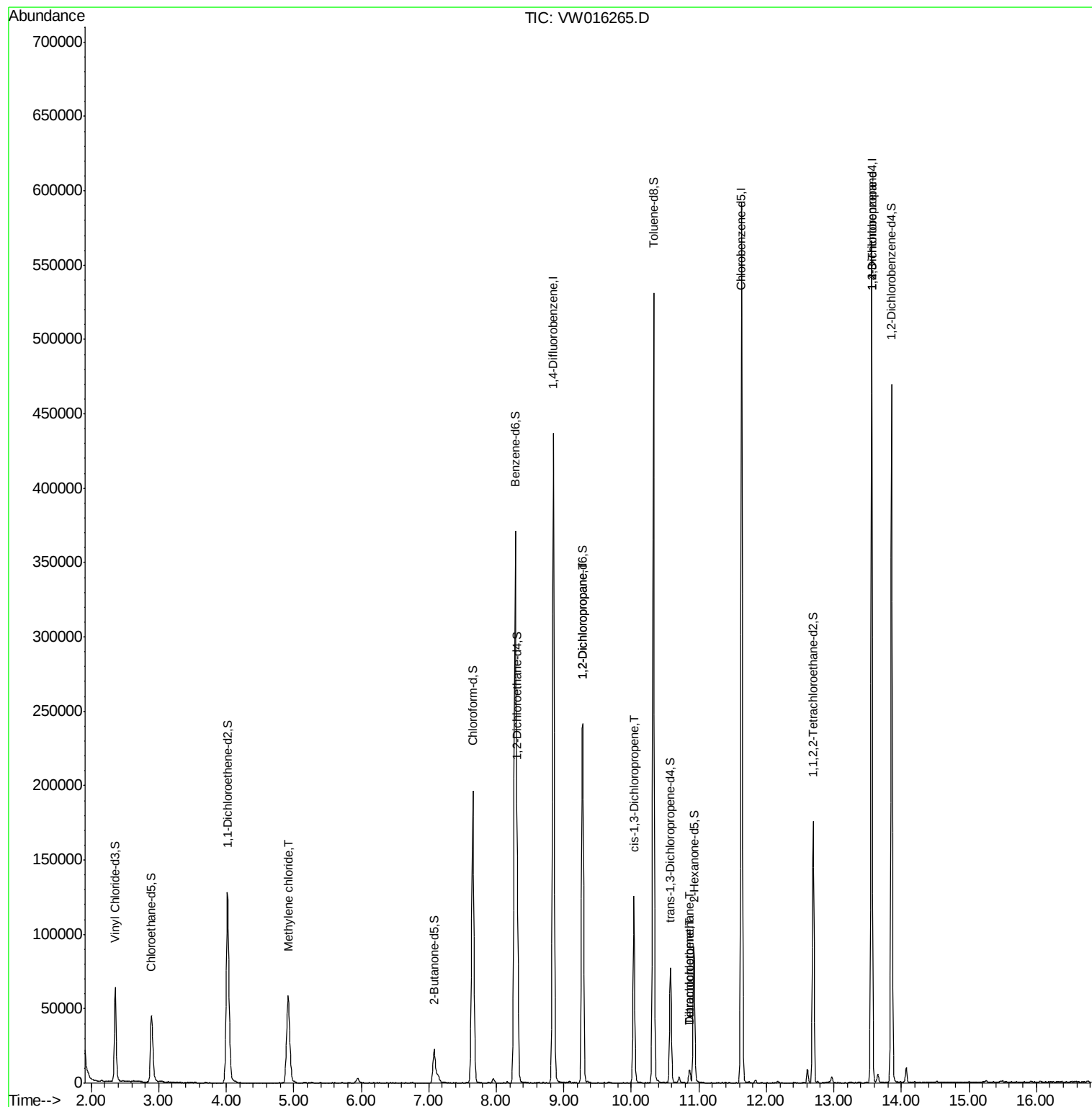
					Ovalue
16) Methylene chloride	4.92	84	51843	8.914 ug/L	89
40) 1,2-Dichloropropane	9.28	63	12970	2.671 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3261	0.441 ug/L #	63
47) Tetrachloroethene	10.87	164	2173	0.545 ug/L	82
50) Dibromochloromethane	10.87	129	2094	0.465 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	16575	4.906 ug/L	93

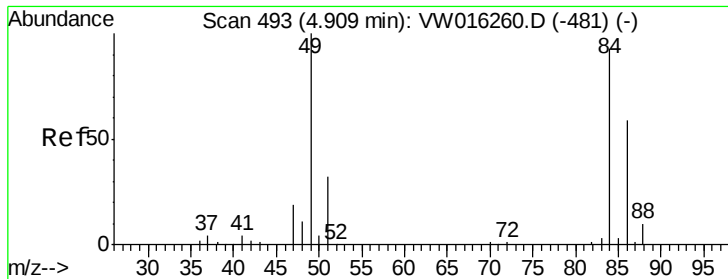
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 21 03:27:50 2020
Response via : Initial Calibration

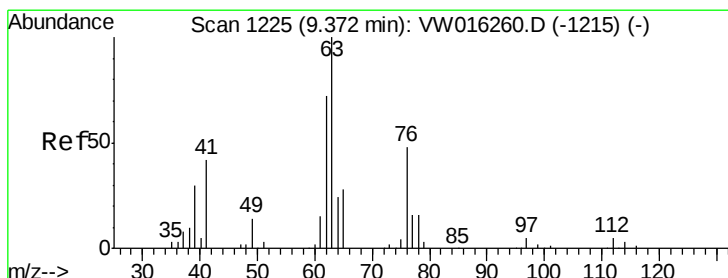
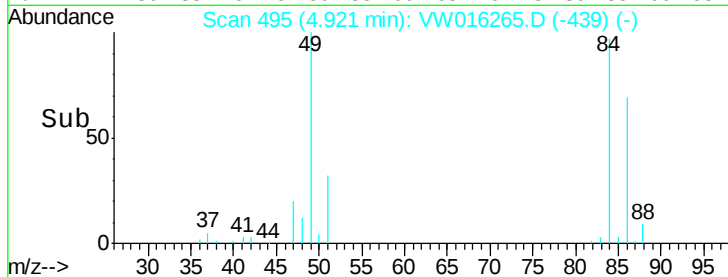
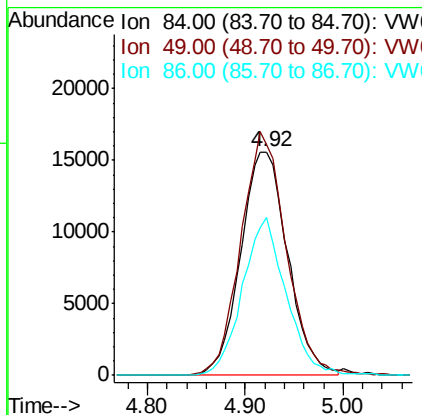
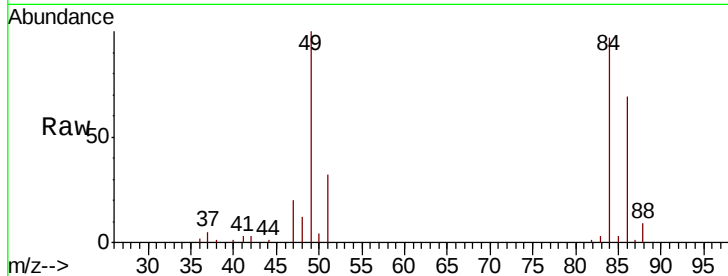




#16
Methylene chloride
Concen: 8.914 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016265.D
Acq: 20 Aug 2020 14:33

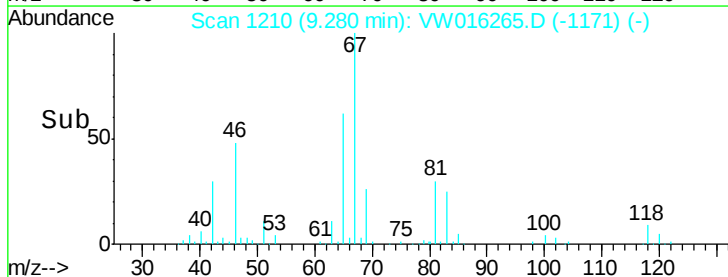
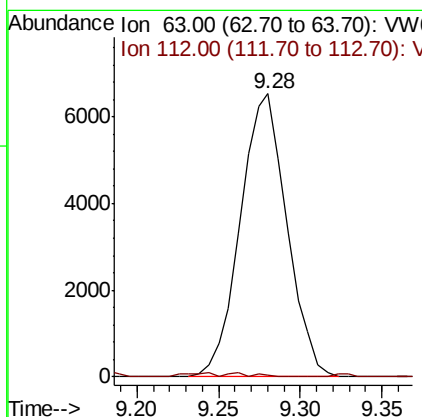
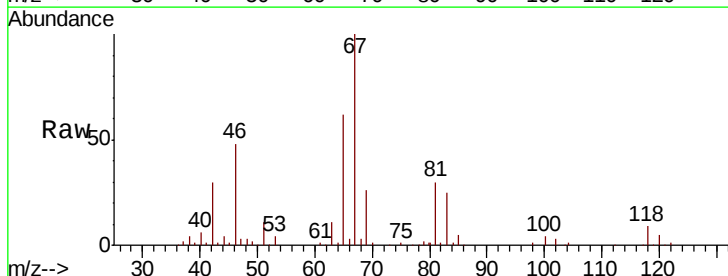
Instrument :
MSVOA_W
ClientSampleId :

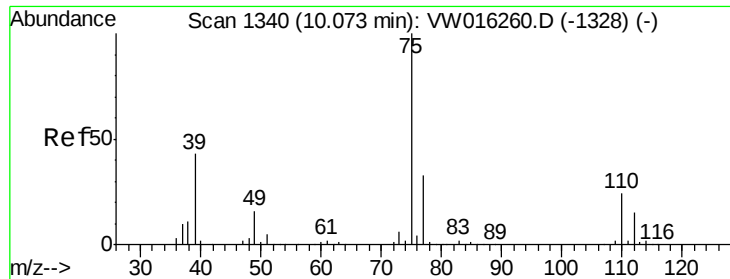
Tot Ion: 84 Resp: 51843
Ion Ratio Lower Upper
84 100
49 103.2 80.4 149.4
86 70.8 43.8 81.3



#40
1,2-Dichloropropane
Concen: 2.671 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016265.D
Acq: 20 Aug 2020 14:33

Tgt Ion: 63 Resp: 12970
Ion Ratio Lower Upper
63 100
112 0.3 4.0 6.0#





#42

cis-1,3-Dichloropropene

Concen: 0.441 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016265.D

Acq: 20 Aug 2020 14:33

Instrument :

MSVOA_W

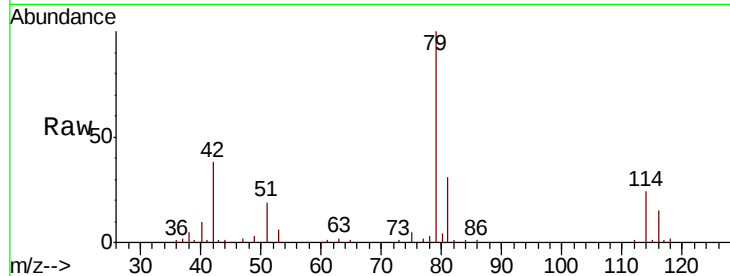
ClientSampleId :

Tot Ion: 75 Resp: 3261

Ion Ratio Lower Upper

75 100

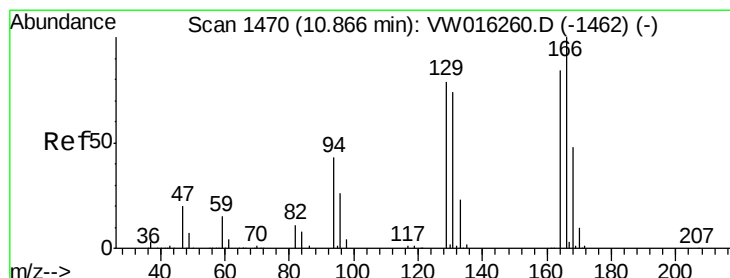
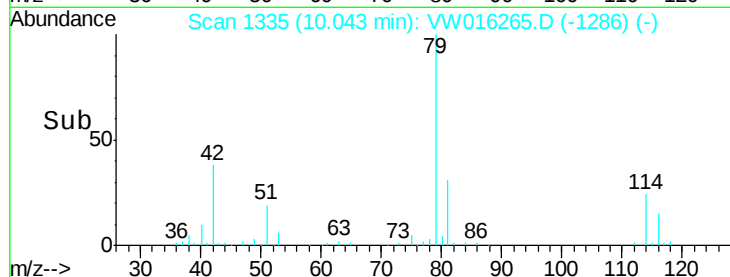
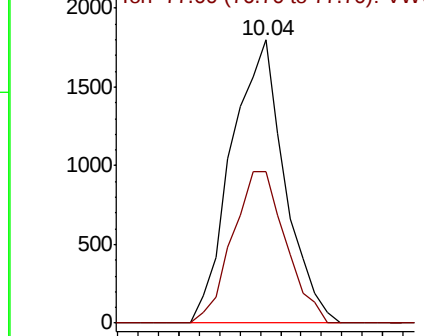
77 53.6 22.9 42.5#



Abundance

Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 0.545 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016265.D

Acq: 20 Aug 2020 14:33

Tgt Ion: 164 Resp: 2173

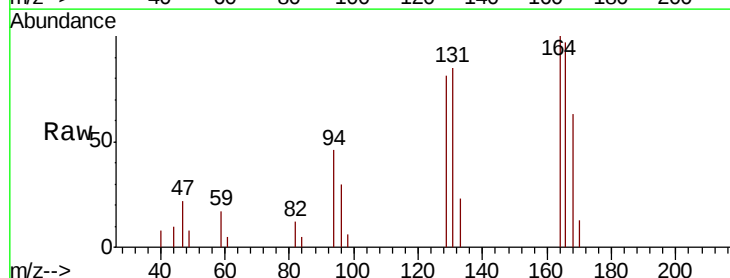
Ion Ratio Lower Upper

164 100

129 80.9 71.5 132.9

131 85.5 65.4 121.4

166 97.1 86.9 161.5



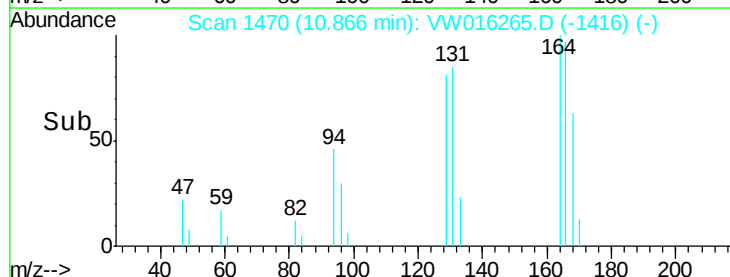
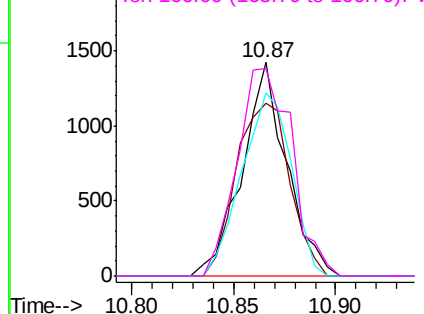
Abundance

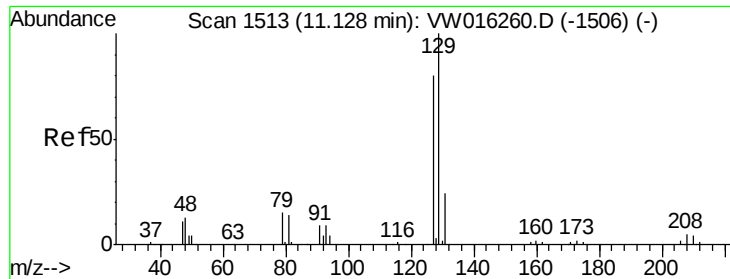
Ion 164.00 (163.70 to 164.70): V

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

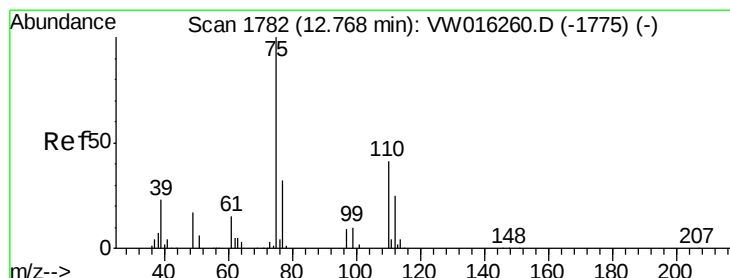
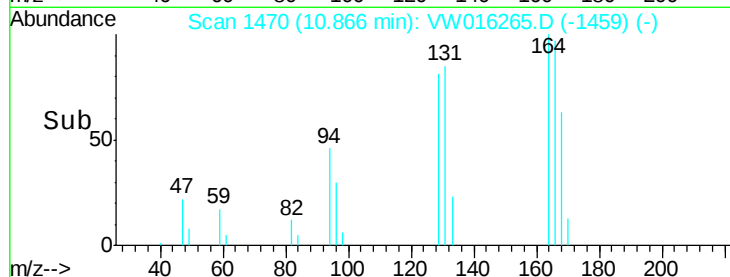
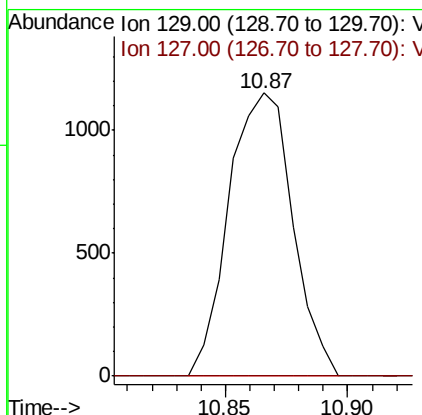
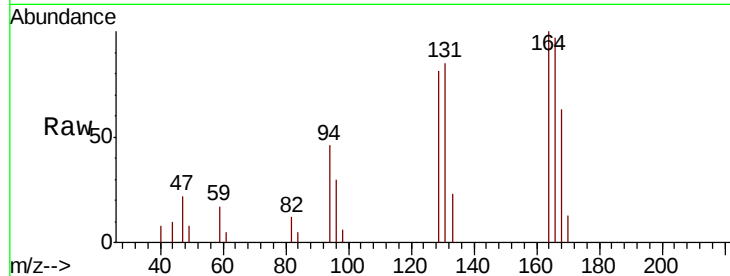




#50
 Dibromochloromethane
 Concen: 0.465 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW016265.D
 Acq: 20 Aug 2020 14:33

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:129 Resp: 2094
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.906 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016265.D
 Acq: 20 Aug 2020 14:33

Tgt Ion: 75 Resp: 16575
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.9 38.9

