

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016932.D
 Acq On : 16 Oct 2020 16:51
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 17 00:45:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 00:37:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	554596	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	502134	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	251430	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93516	17.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.36%
7) Chloroethane-d5	2.89	69	80070	17.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.80%
10) 1,1-Dichloroethene-d2	4.02	63	148453	12.78	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.12%
20) 2-Butanone-d5	7.08	46	72358	58.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.78%
24) Chloroform-d	7.65	84	241262	20.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.48%
26) 1,2-Dichloroethane-d4	8.31	65	129519	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.68%
29) Benzene-d6	8.27	84	472564	20.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.88%
33) 1,2-Dichloropropane-d6	9.27	67	138403	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.32%
37) Toluene-d8	10.32	98	436562	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.16%
38) trans-1,3-Dichloropropene-	10.58	79	57063	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.44%
39) 2-Hexanone-d5	10.93	63	58727	61.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136313	27.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	180084	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%

Target Compounds

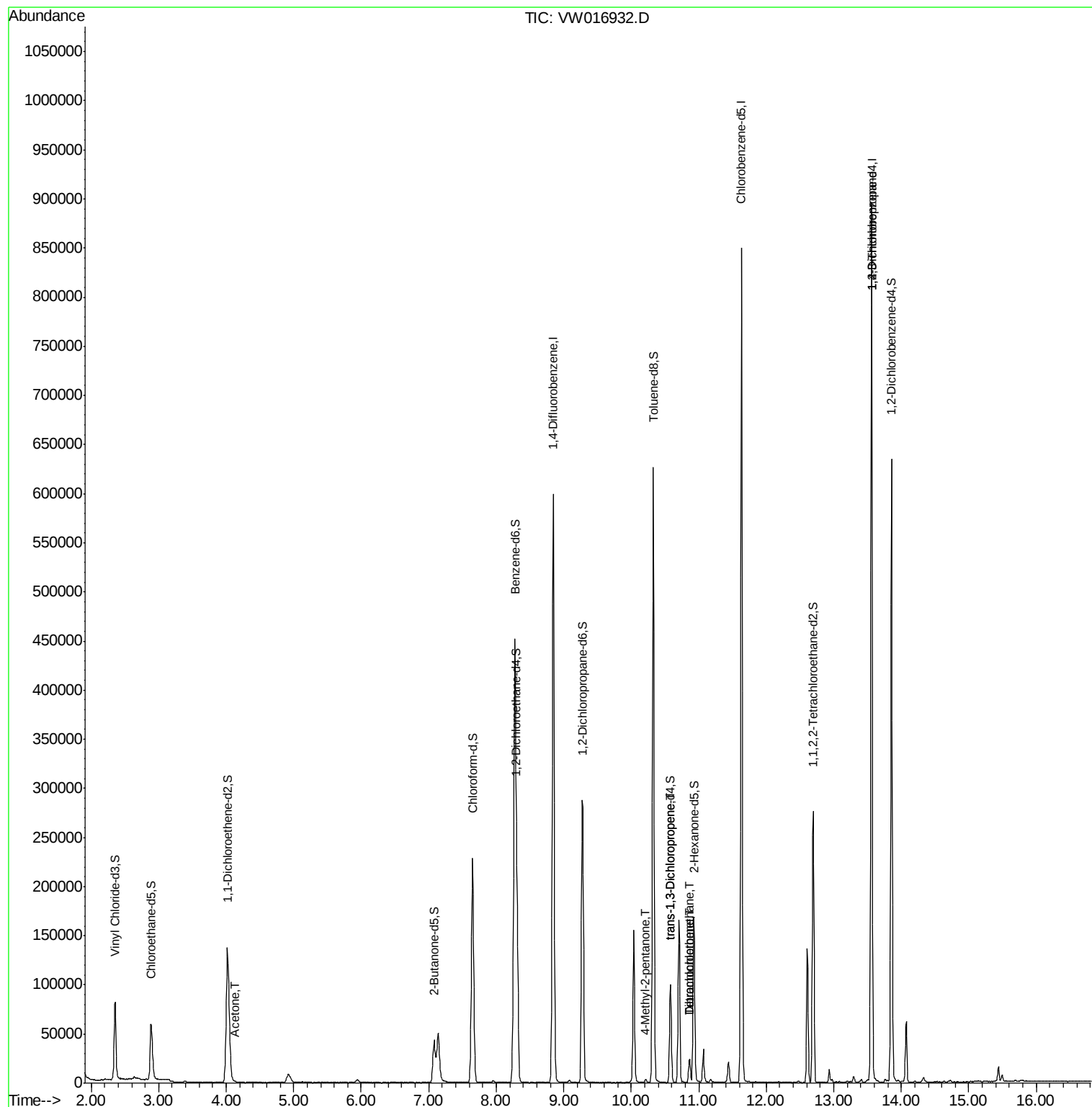
					Ovalue
13) Acetone	4.13	43	1535	1.637 ug/L	66
43) 4-Methyl-2-pentanone	10.21	43	2267	0.739 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	2656	0.325 ug/L #	71
47) Tetrachloroethene	10.87	164	5787	0.818 ug/L	94
50) Dibromochloromethane	10.87	129	5455	0.885 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	25062	6.315 ug/L	92

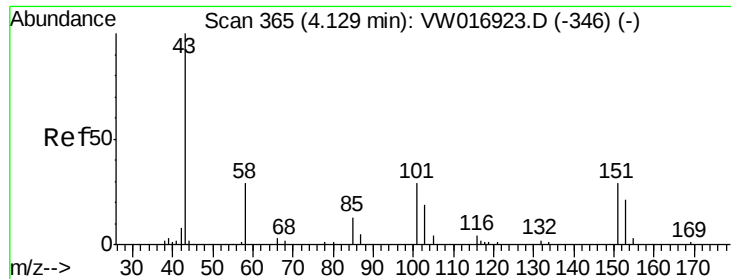
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 17 00:37:07 2020
Response via : Initial Calibration

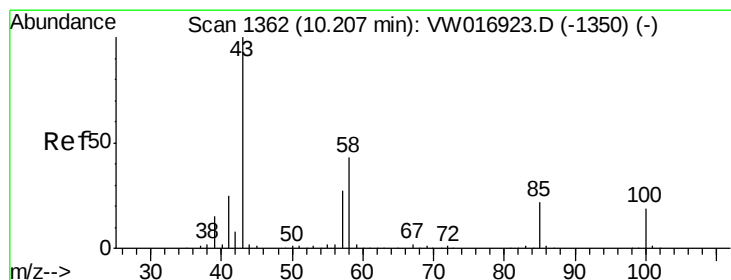
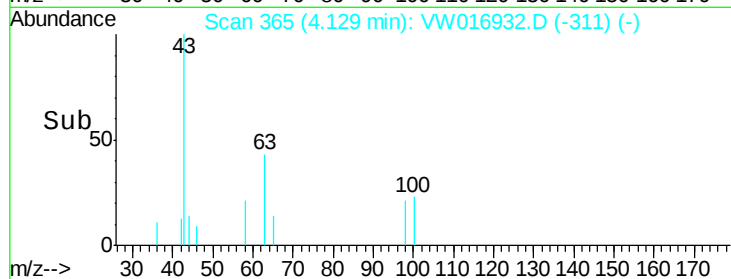
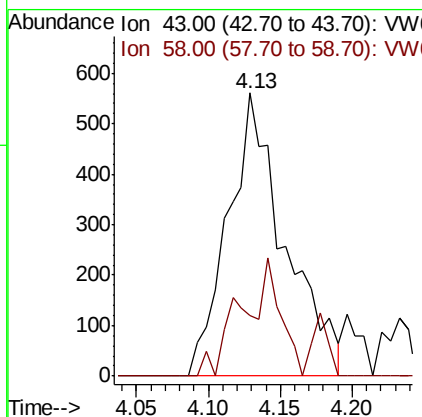
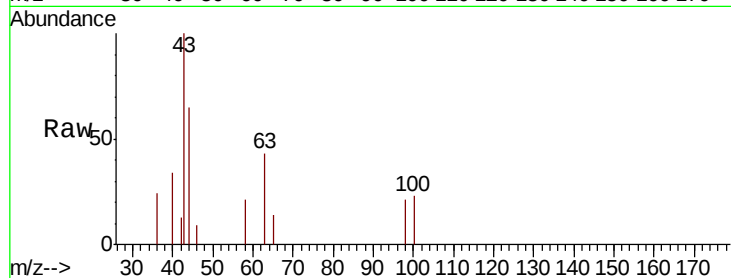




#13
Acetone
Concen: 1.637 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW016932.D
Acq: 16 Oct 2020 16:51

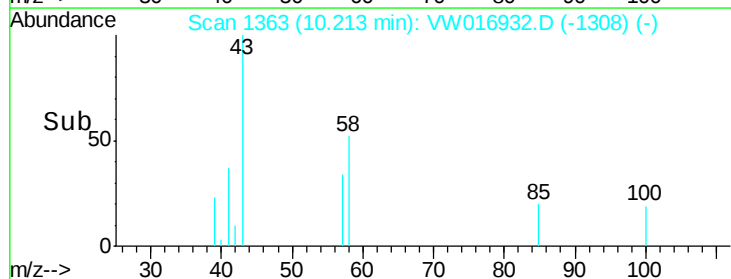
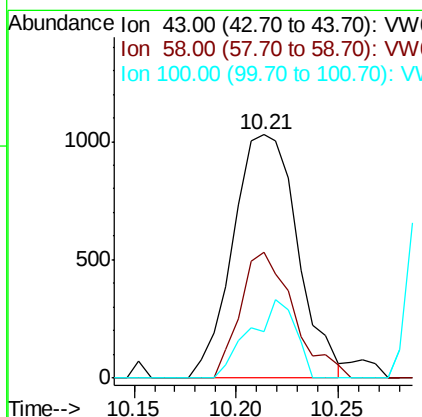
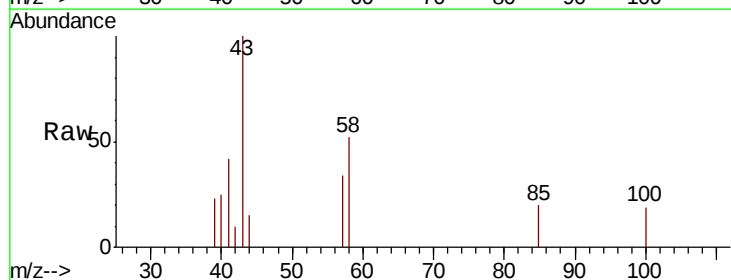
Instrument :
MSVOA_W
ClientSampled :

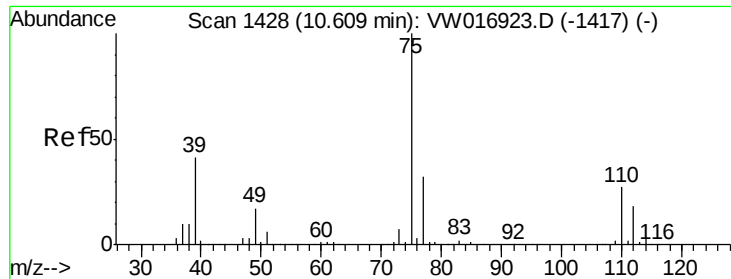
Tot Ion: 43 Resp: 1535
Ion Ratio Lower Upper
43 100
58 14.7 0.0 67.6



#43
4-Methyl-2-pentanone
Concen: 0.739 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW016932.D
Acq: 16 Oct 2020 16:51

Tgt Ion: 43 Resp: 2267
Ion Ratio Lower Upper
43 100
58 42.4 34.7 52.1
100 22.5 16.9 25.3





#45

trans-1,3-Dichloropropene

Concen: 0.325 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016932.D

Acq: 16 Oct 2020 16:51

Instrument :

MSVOA_W

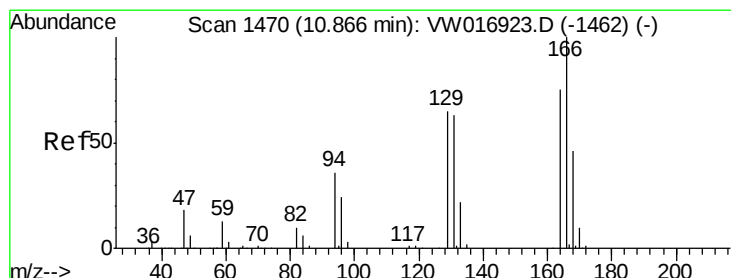
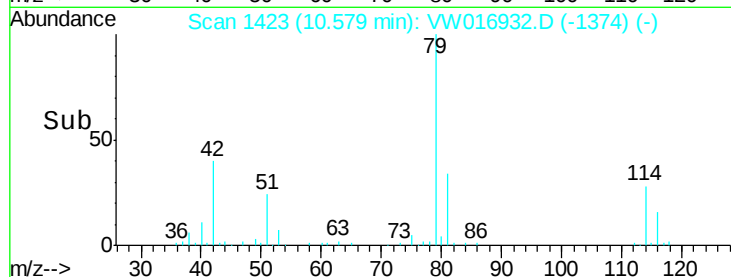
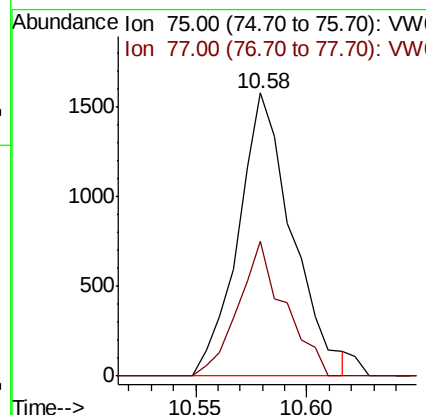
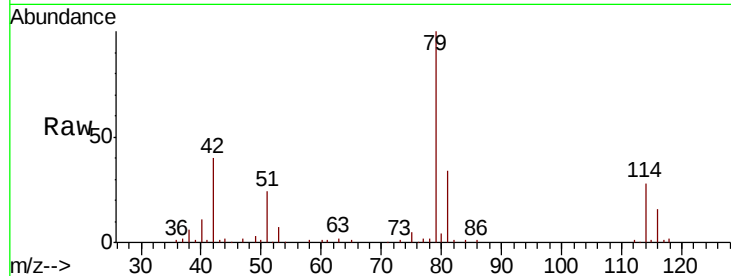
ClientSampleId :

Tot Ion: 75 Resp: 2656

Ion Ratio Lower Upper

75 100

77 47.6 22.2 41.2#



#47

Tetrachloroethene

Concen: 0.818 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016932.D

Acq: 16 Oct 2020 16:51

Tgt Ion: 164 Resp: 5787

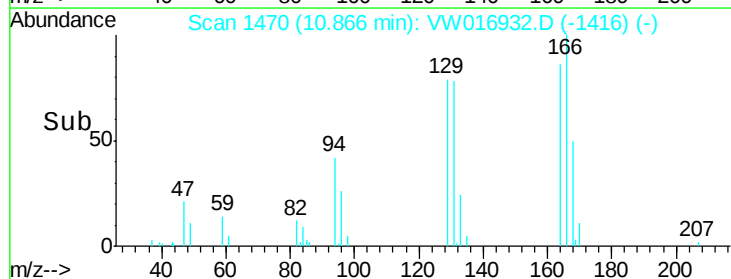
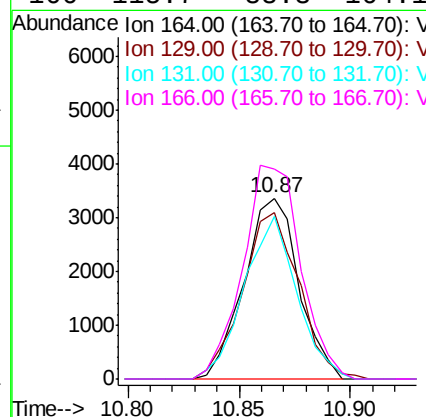
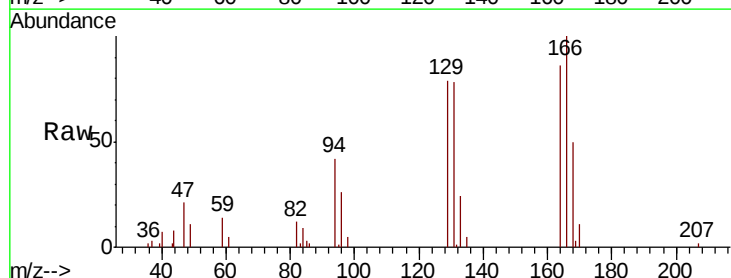
Ion Ratio Lower Upper

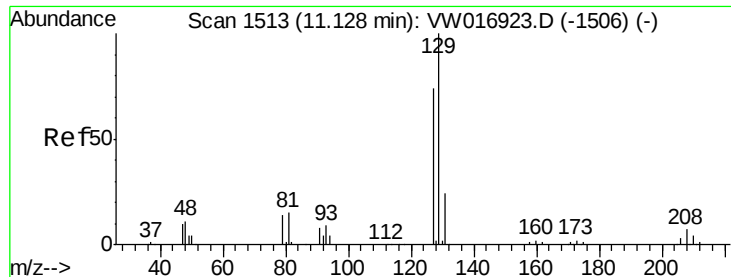
164 100

129 91.6 61.7 114.7

131 90.1 59.7 110.9

166 115.7 88.3 164.1

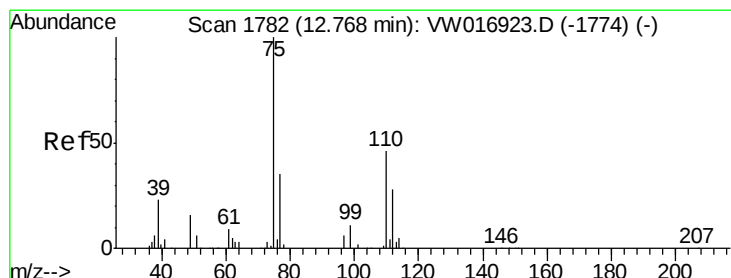
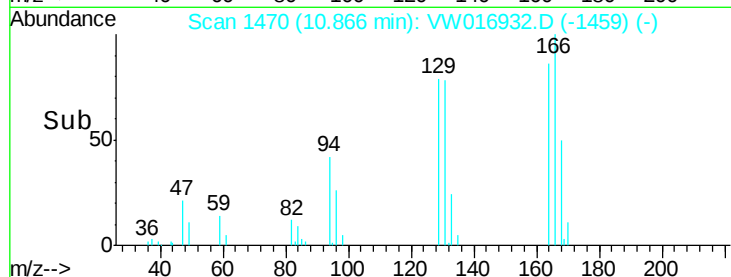
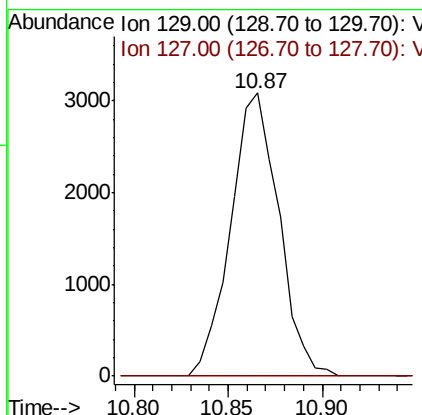
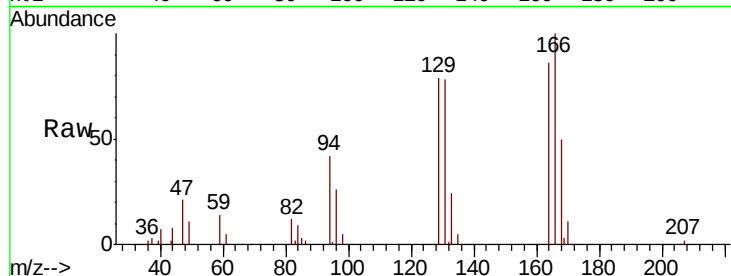




#50
 Dibromochloromethane
 Concen: 0.885 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW016932.D
 Acq: 16 Oct 2020 16:51

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:129 Resp: 5455
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.0 100.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.315 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016932.D
 Acq: 16 Oct 2020 16:51

Tgt Ion: 75 Resp: 25062
 Ion Ratio Lower Upper
 75 100
 77 37.0 26.2 39.2

