

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009465.D
 Acq On : 26 Mar 2019 14:29
 Operator : SY/VA
 Sample : K2031-08
 Misc : 6.15G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 01:33:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	332886	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	213384	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	39385	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88146	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.64%
7) Chloroethane-d5	2.89	69	96040	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.52%
10) 1,1-Dichloroethene-d2	4.01	63	139074	16.18	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.72%
20) 2-Butanone-d5	7.08	46	76816	46.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.38%
24) Chloroform-d	7.65	84	215212	23.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	8.31	65	129987	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.00%
29) Benzene-d6	8.27	84	367403	31.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.88%
33) 1,2-Dichloropropane-d6	9.27	67	117792	33.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.32%#
37) Toluene-d8	10.32	98	261130	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.00%
38) trans-1,3-Dichloropropene-	10.58	79	43165	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.28%
39) 2-Hexanone-d5	10.93	63	49572	57.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68990	19.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	31075	20.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.32%

Target Compounds

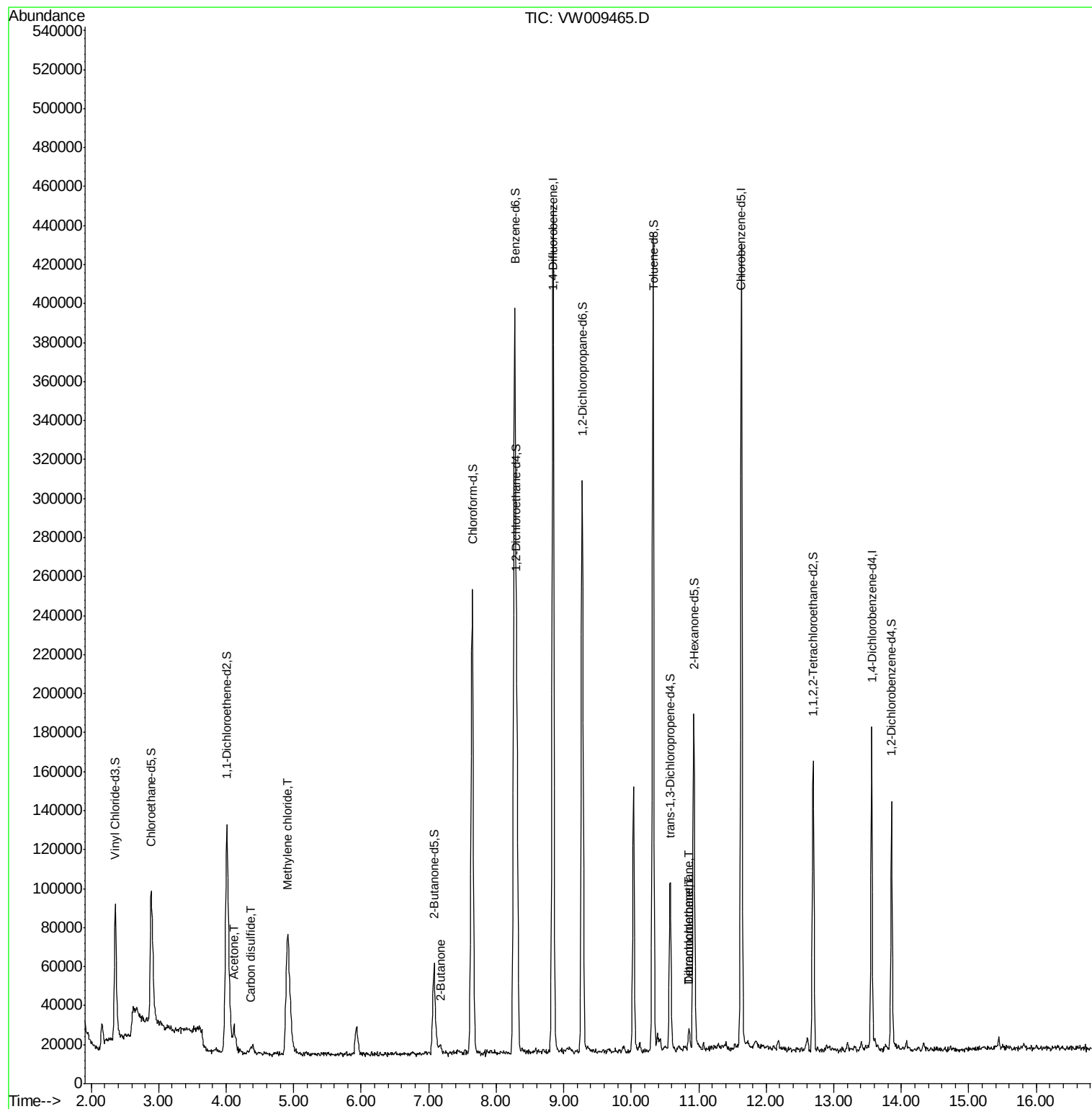
					Ovalue
13) Acetone	4.12	43	19266	14.281	ug/L 94
14) Carbon disulfide	4.36	76	3177	0.288	ug/L 97
16) Methylene chloride	4.92	84	53745	11.071	ug/L 97
21) 2-Butanone	7.18	43	4317	2.318	ug/L 95
47) Tetrachloroethene	10.86	164	1682	0.640	ug/L 86
50) Dibromochloromethane	10.86	129	1871	0.634	ug/L # 9

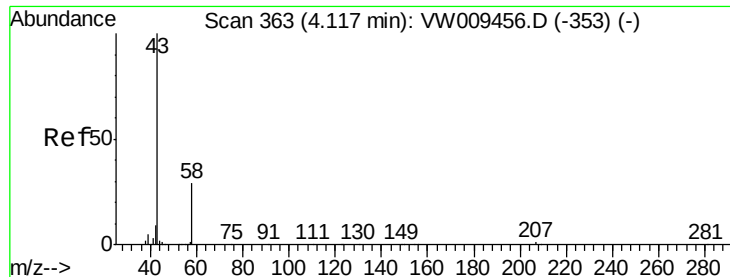
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 14.281 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009465.D

Acq: 26 Mar 2019 14:29

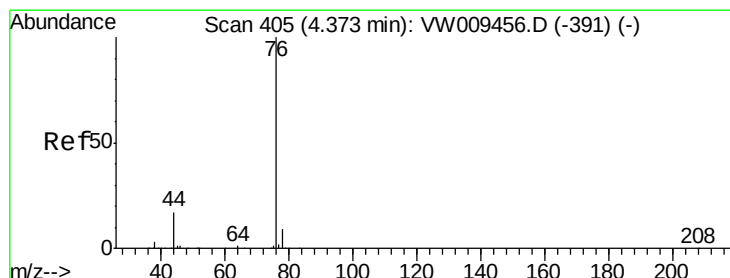
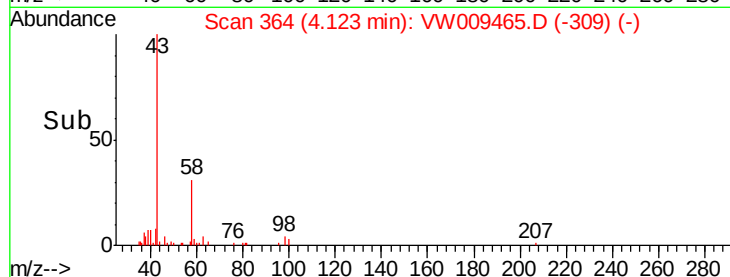
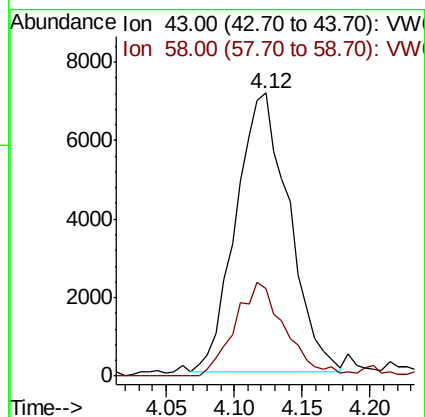
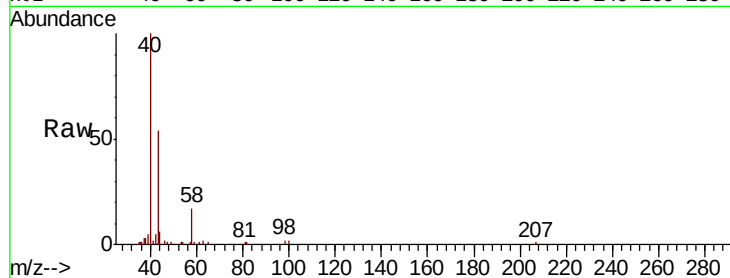
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 19266

Ion Ratio Lower Upper

43 100

58 31.0 0.0 56.2



#14

Carbon disulfide

Concen: 0.288 ug/L

RT: 4.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW009465.D

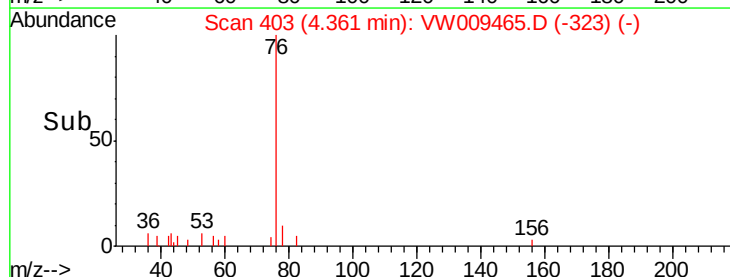
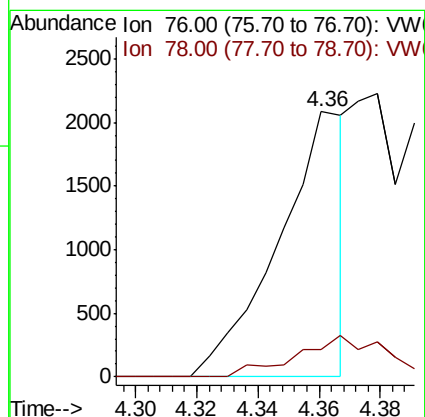
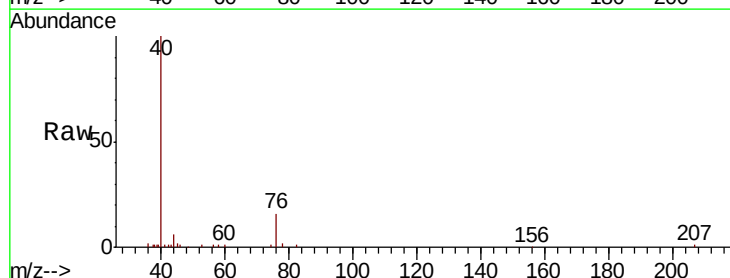
Acq: 26 Mar 2019 14:29

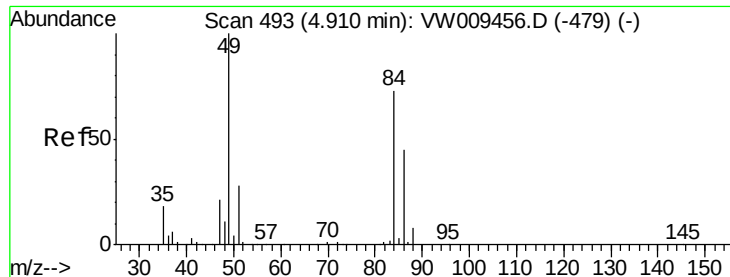
Tgt Ion: 76 Resp: 3177

Ion Ratio Lower Upper

76 100

78 10.3 7.3 10.9

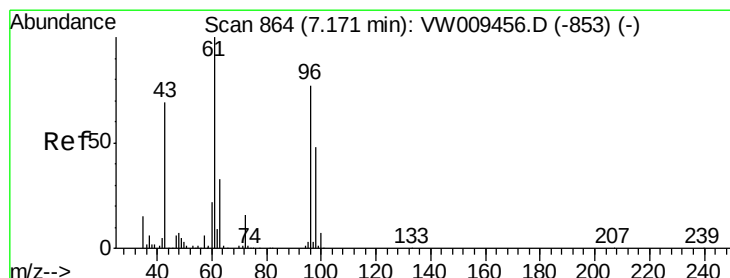
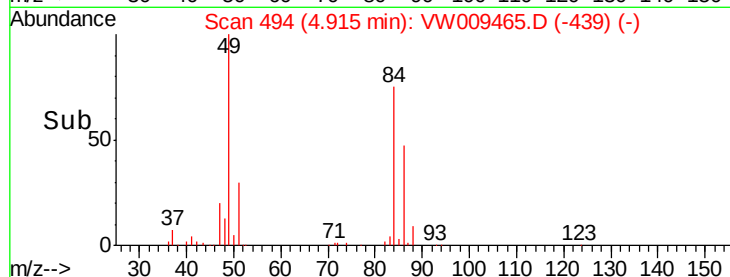
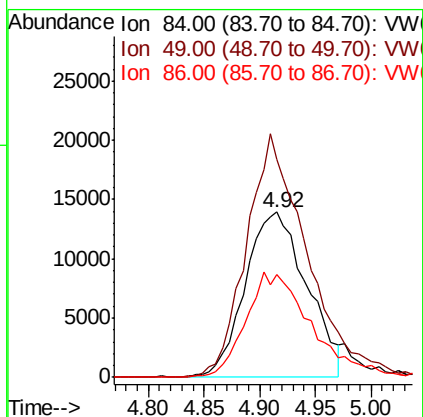
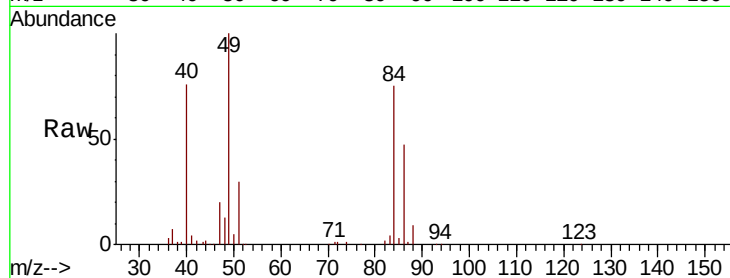




#16
Methylene chloride
Concen: 11.071 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009465.D
Acq: 26 Mar 2019 14:29

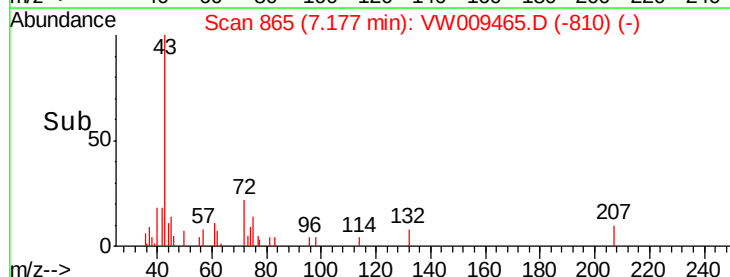
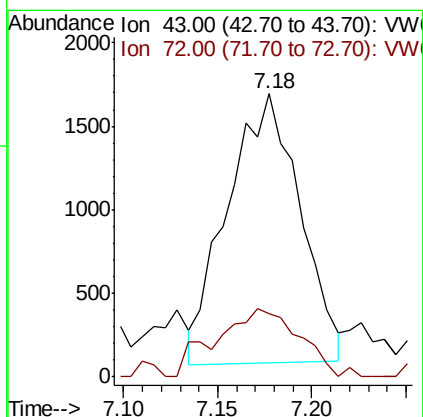
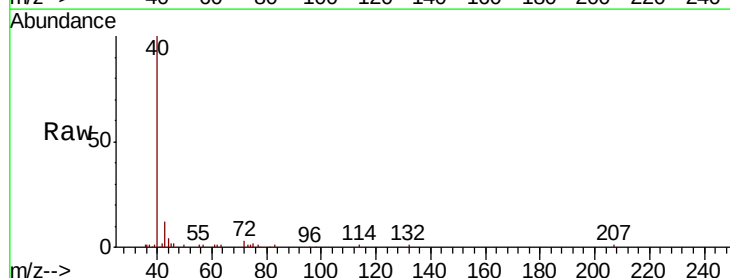
Instrument :
MSVOA_W
ClientSampleId :

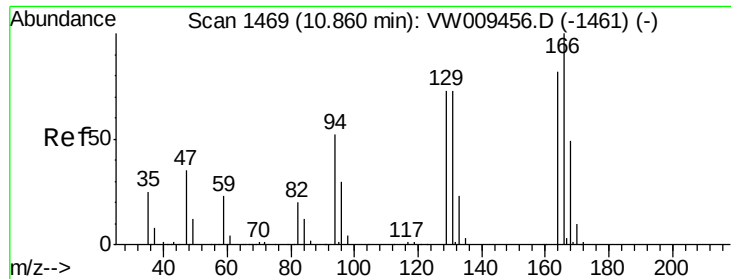
Tot Ion: 84 Resp: 53745
Ion Ratio Lower Upper
84 100
49 132.5 96.0 178.2
86 62.3 44.4 82.5



#21
2-Butanone
Concen: 2.318 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009465.D
Acq: 26 Mar 2019 14:29

Tgt Ion: 43 Resp: 4317
Ion Ratio Lower Upper
43 100
72 23.7 13.1 39.1





#47

Tetrachloroethene

Concen: 0.640 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009465.D

Acq: 26 Mar 2019 14:29

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:164 Resp: 1682

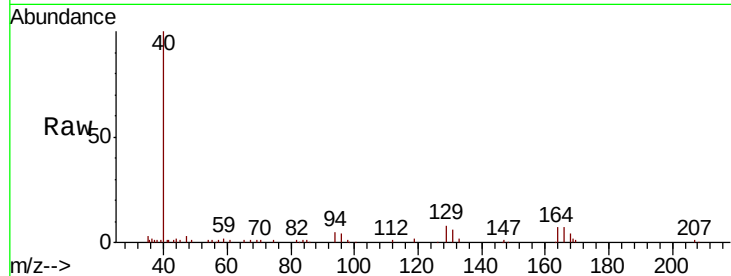
Ion Ratio Lower Upper

164 100

129 114.4 66.5 123.5

131 87.6 62.6 116.3

166 108.6 91.6 170.0

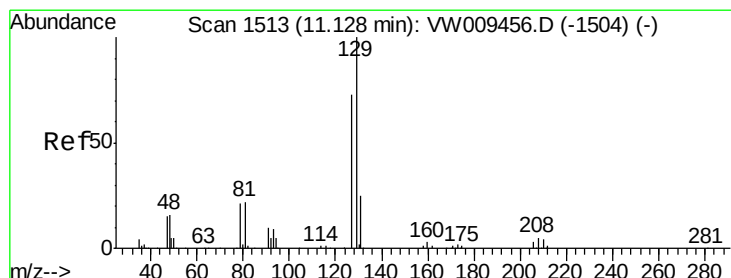
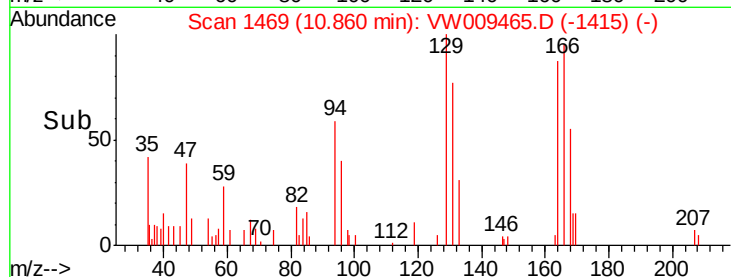
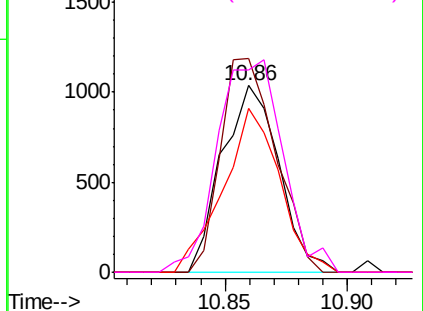


Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.634 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009465.D

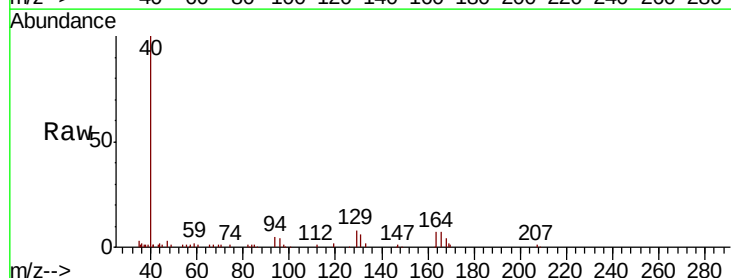
Acq: 26 Mar 2019 14:29

Tgt Ion:129 Resp: 1871

Ion Ratio Lower Upper

129 100

127 0.0 56.8 105.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

