

Data File : VW010823.D
Acq On : 17 Jun 2019 13:06
Operator : SY/VA
Sample : K3324-21
Misc : 4.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 05:52:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 05:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	284242	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	232754	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84995	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	69269	16.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.92%
7) Chloroethane-d5	2.88	69	63102	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.40%
10) 1,1-Dichloroethene-d2	4.01	63	120741	14.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.28%
20) 2-Butanone-d5	7.07	46	87414	53.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.64%
24) Chloroform-d	7.65	84	140245	24.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	8.31	65	106383	22.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.44%
29) Benzene-d6	8.27	84	313846	22.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.36%
33) 1,2-Dichloropropane-d6	9.27	67	112834	25.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.24%
37) Toluene-d8	10.32	98	258715	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.88%
38) trans-1,3-Dichloropropene-	10.58	79	42740	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.64%
39) 2-Hexanone-d5	10.93	63	60525	56.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100419	26.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	69851	21.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.36%

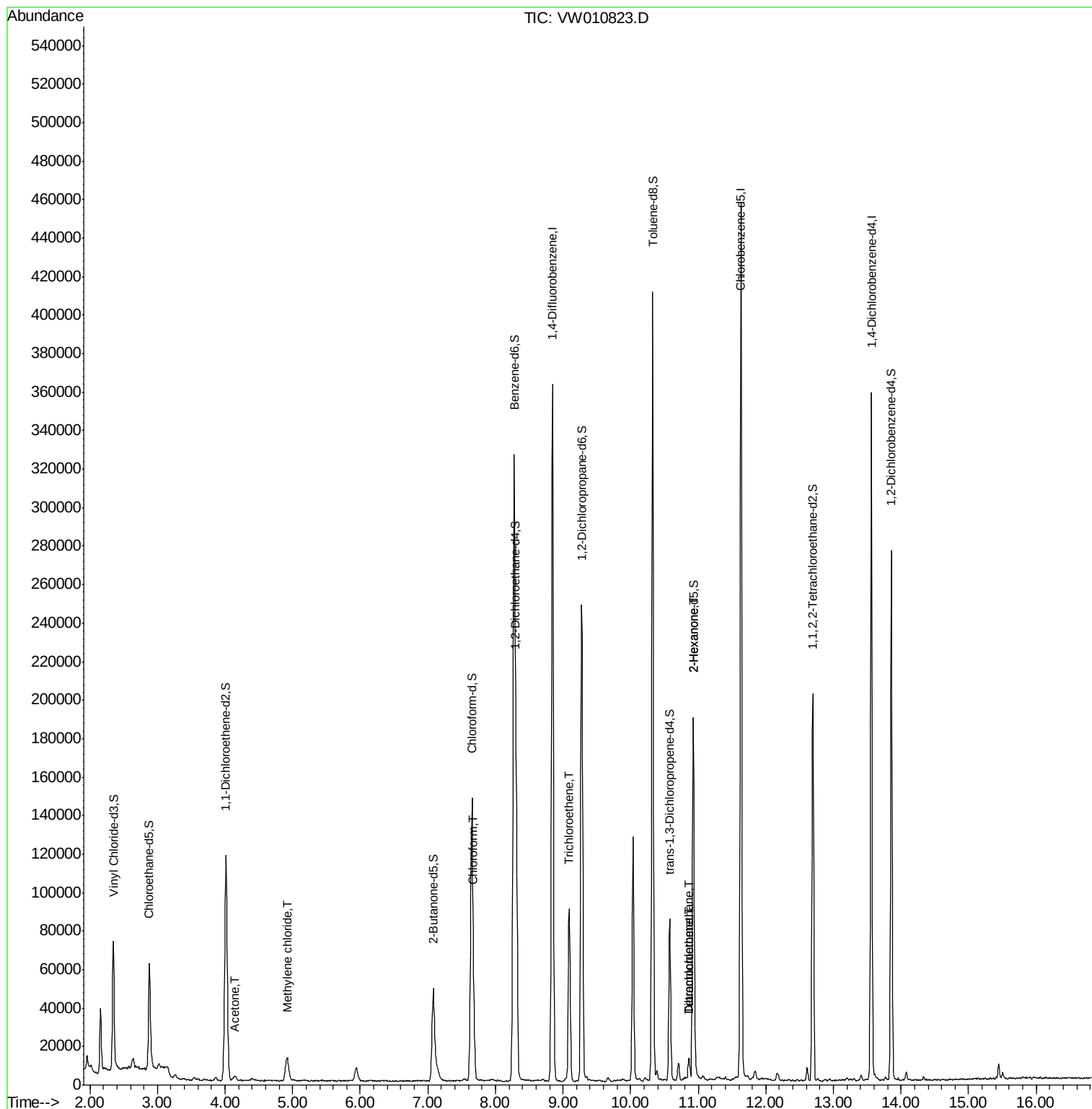
Target Compounds

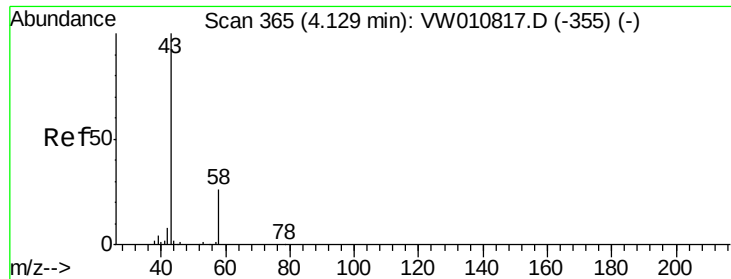
					Qvalue
13) Acetone	4.14	43	3087	1.769 ug/L	99
16) Methylene chloride	4.92	84	8951	2.295 ug/L	93
25) Chloroform	7.68	83	22743	2.573 ug/L	90
35) Trichloroethene	9.09	95	31162	8.494 ug/L	99
47) Tetrachloroethene	10.87	164	2185	0.795 ug/L	96
49) 2-Hexanone	10.93	43	12392	4.360 ug/L #	62
50) Dibromochloromethane	10.87	129	2323	0.738 ug/L #	11

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

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#13

Acetone

Concen: 1.769 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010823.D

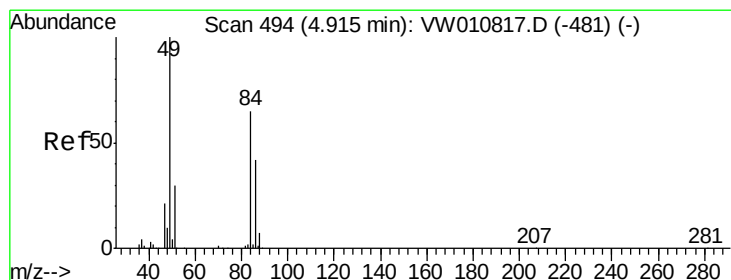
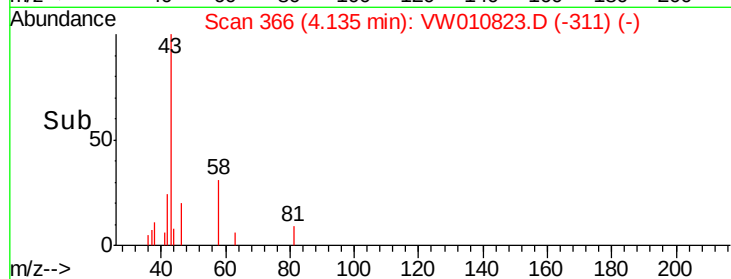
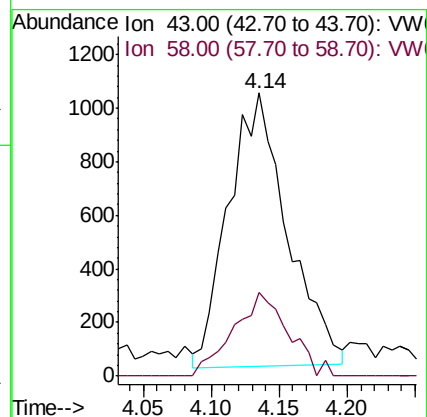
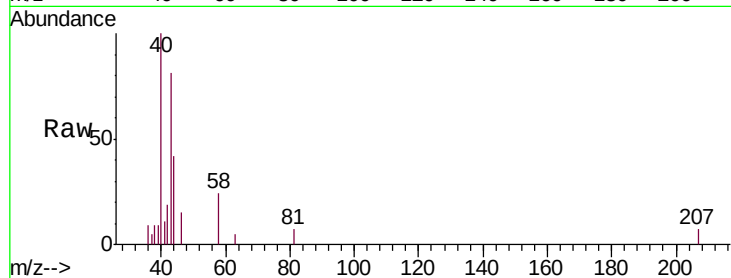
Acq: 17 Jun 2019 13:06

Tgt Ion: 43 Resp: 3087

Ion Ratio Lower Upper

43 100

58 27.8 0.0 54.6



#16

Methylene chloride

Concen: 2.295 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010823.D

Acq: 17 Jun 2019 13:06

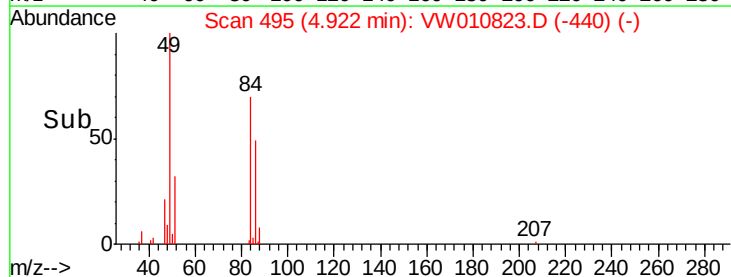
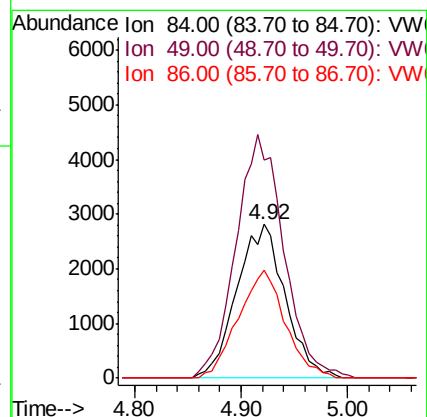
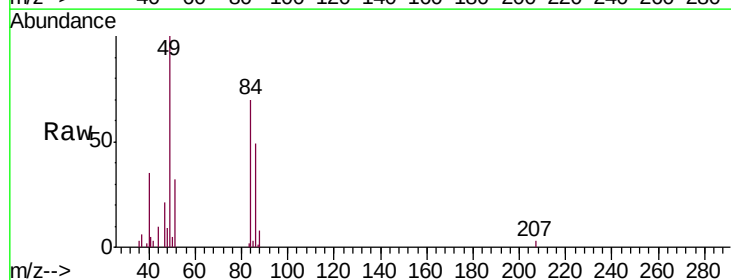
Tgt Ion: 84 Resp: 8951

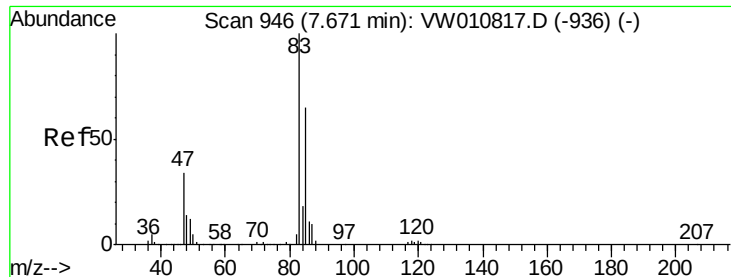
Ion Ratio Lower Upper

84 100

49 142.0 105.2 195.4

86 70.0 43.7 81.1





#25

Chloroform

Concen: 2.573 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW010823.D

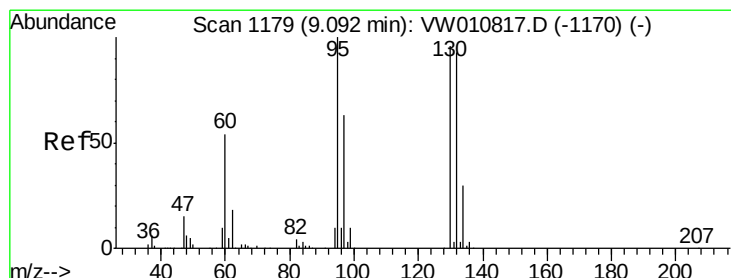
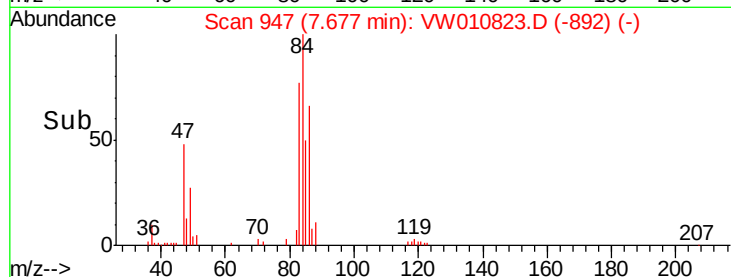
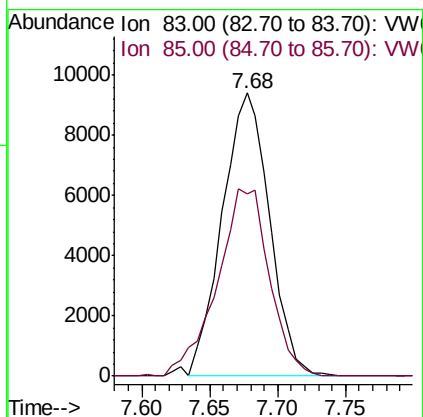
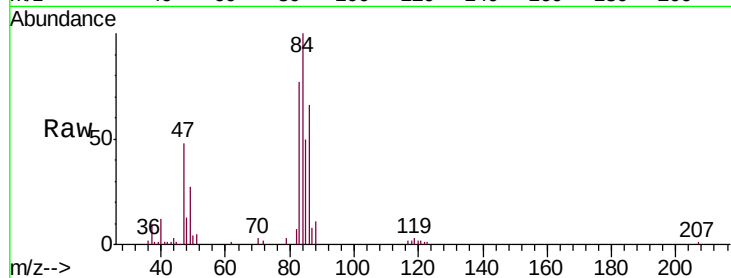
Acq: 17 Jun 2019 13:06

Tgt Ion: 83 Resp: 22743

Ion Ratio Lower Upper

83 100

85 73.0 45.4 84.4



#35

Trichloroethene

Concen: 8.494 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010823.D

Acq: 17 Jun 2019 13:06

Tgt Ion: 95 Resp: 31162

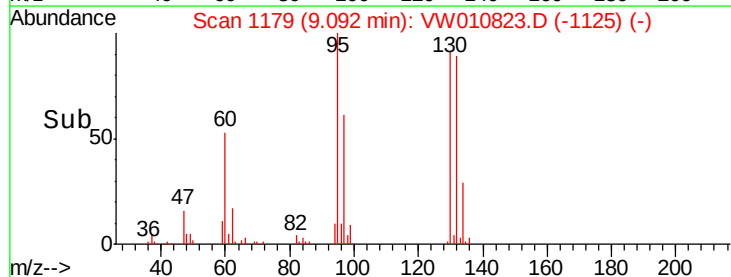
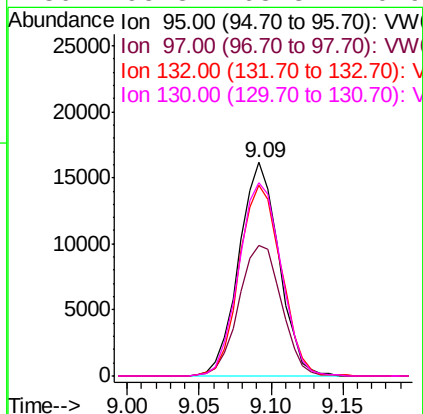
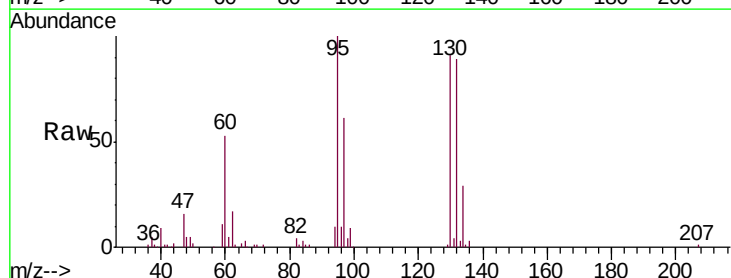
Ion Ratio Lower Upper

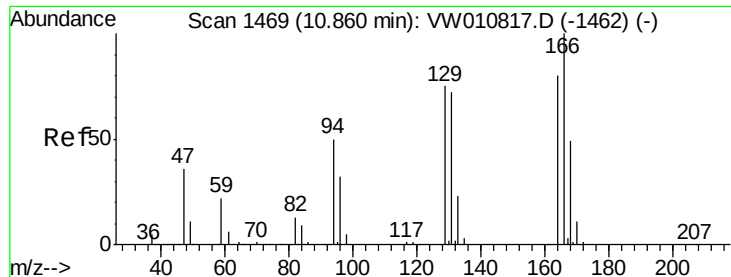
95 100

97 65.2 45.4 84.2

132 93.4 65.0 120.6

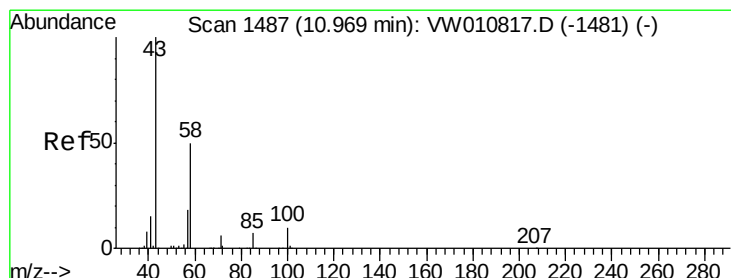
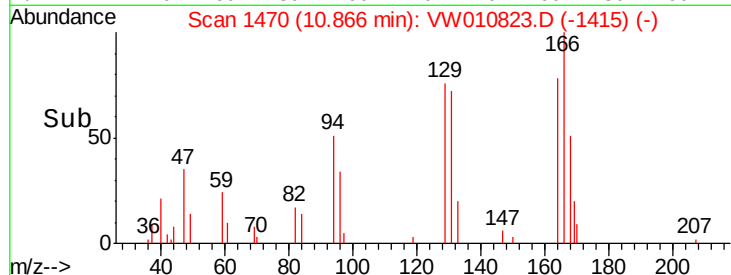
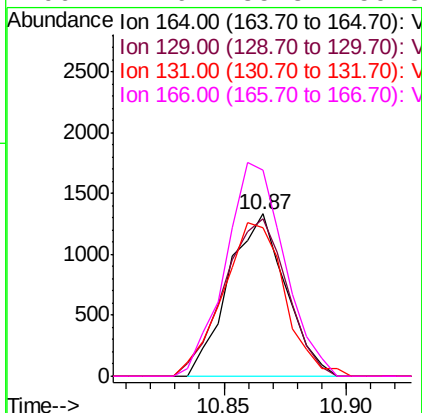
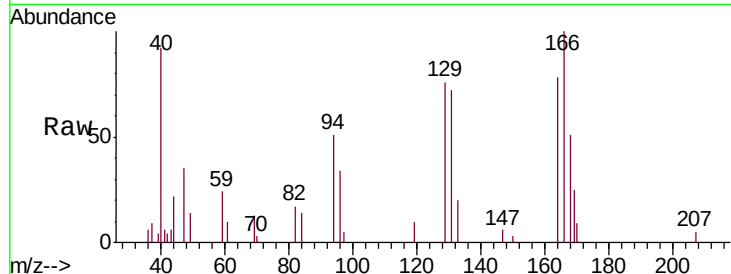
130 95.3 68.3 126.9





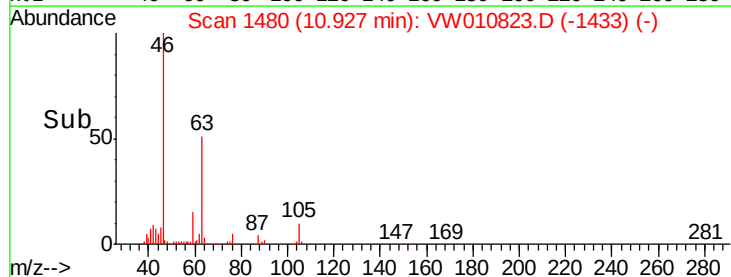
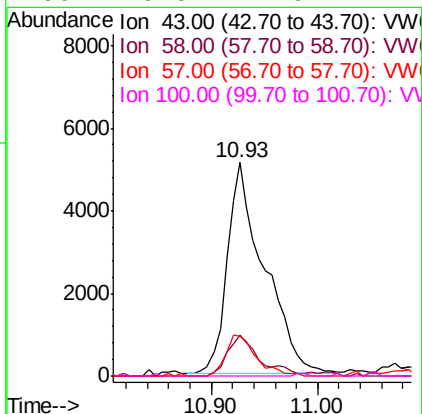
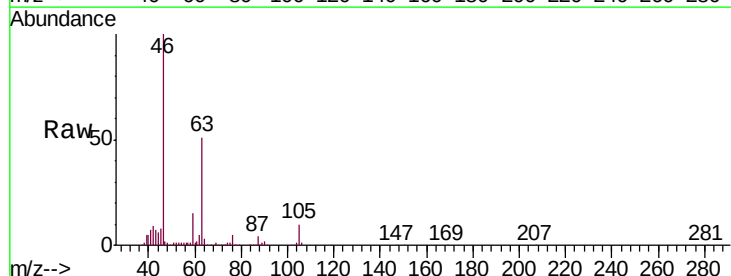
#47
Tetrachloroethene
Concen: 0.795 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010823.D
Acq: 17 Jun 2019 13:06

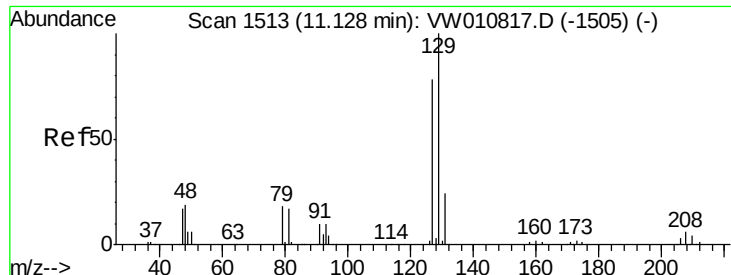
Tgt Ion:	164	Resp:	2185
Ion	Ratio	Lower	Upper
164	100		
129	97.2	64.5	119.7
131	91.7	63.6	118.0
166	127.6	85.8	159.3



#49
2-Hexanone
Concen: 4.360 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW010823.D
Acq: 17 Jun 2019 13:06

Tgt Ion:	43	Resp:	12392
Ion	Ratio	Lower	Upper
43	100		
58	14.7	39.5	59.3#
57	14.4	13.8	20.8
100	0.0	7.6	11.4#





#50

Dibromochloromethane

Concen: 0.738 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW010823.D

Acq: 17 Jun 2019 13:06

Tgt Ion:129 Resp: 2323

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#

