

Data File : VW010831.D
Acq On : 17 Jun 2019 16:51
Operator : SY/VA
Sample : K3363-10
Misc : 5.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 05:53:31 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	302982	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	266495	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114921	25.00	ug/L	0.00

System Monitoring Compounds

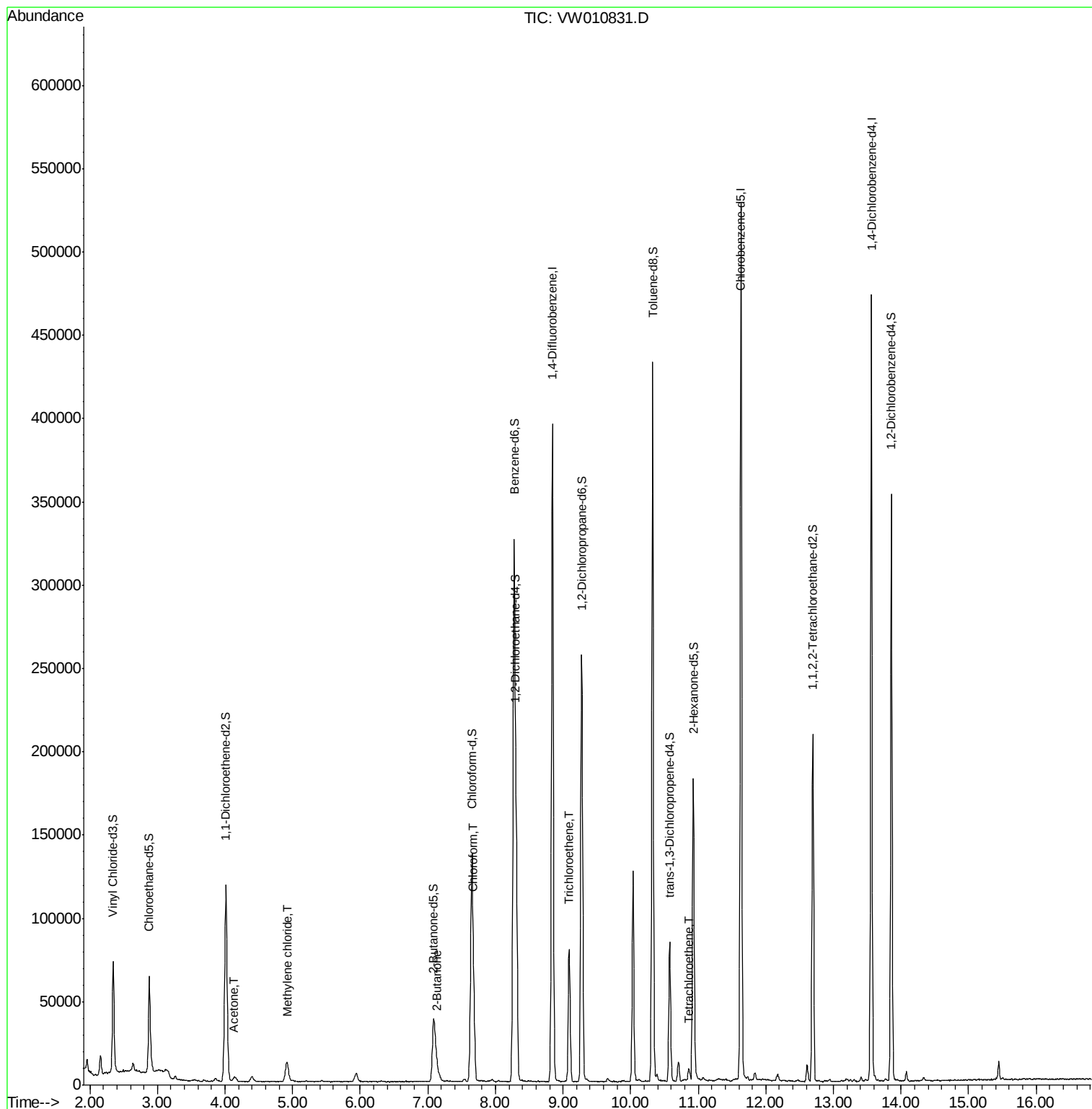
4) Vinyl Chloride-d3	2.34	65	67563	15.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.24%
7) Chloroethane-d5	2.88	69	61341	18.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.32%
10) 1,1-Dichloroethene-d2	4.01	63	116572	12.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.96%
20) 2-Butanone-d5	7.08	46	55415	32.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.02%
24) Chloroform-d	7.65	84	124832	20.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.16%
26) 1,2-Dichloroethane-d4	8.31	65	106368	20.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.88%
29) Benzene-d6	8.27	84	317321	19.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.76%
33) 1,2-Dichloropropane-d6	9.27	67	113899	22.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.24%
37) Toluene-d8	10.32	98	267519	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.84%
38) trans-1,3-Dichloropropene-	10.58	79	42328	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.08%
39) 2-Hexanone-d5	10.93	63	57430	47.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99425	23.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	88754	20.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.16%

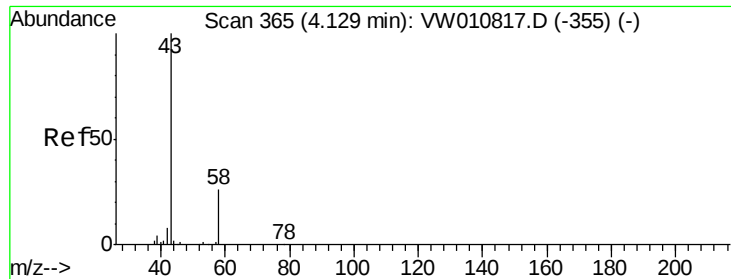
Target Compounds					Qvalue
13) Acetone	4.13	43	3026	1.627 ug/L	95
16) Methylene chloride	4.92	84	8478	2.039 ug/L	95
21) 2-Butanone	7.13	43	5495	2.163 ug/L #	54
25) Chloroform	7.68	83	39406	4.183 ug/L	96
35) Trichloroethene	9.09	95	27157	6.465 ug/L	98
47) Tetrachloroethene	10.86	164	1650	0.524 ug/L	95

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

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#13

Acetone

Concen: 1.627 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

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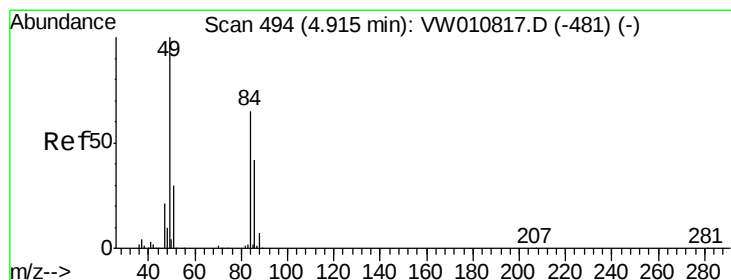
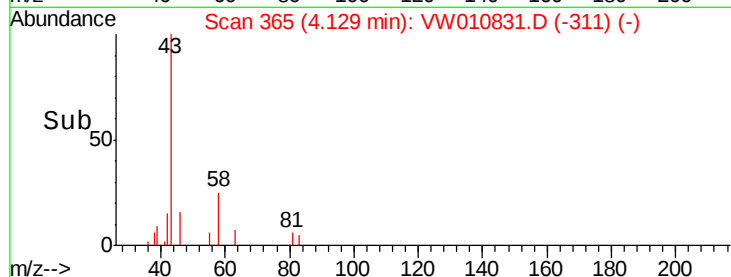
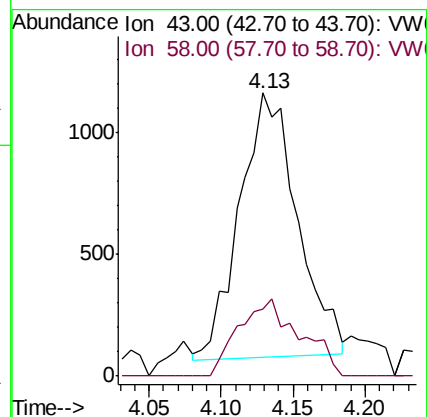
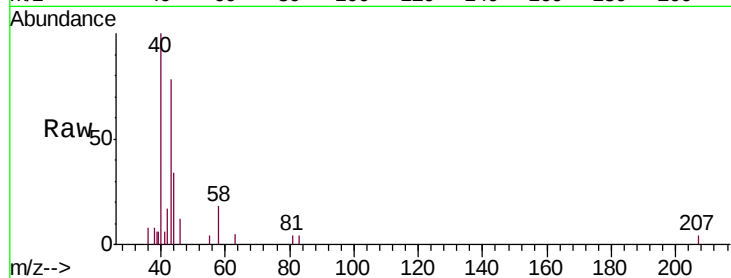
Acq: 17 Jun 2019 16:51

Tgt Ion: 43 Resp: 3026

Ion Ratio Lower Upper

43 100

58 24.9 0.0 54.6



#16

Methylene chloride

Concen: 2.039 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW010831.D

Acq: 17 Jun 2019 16:51

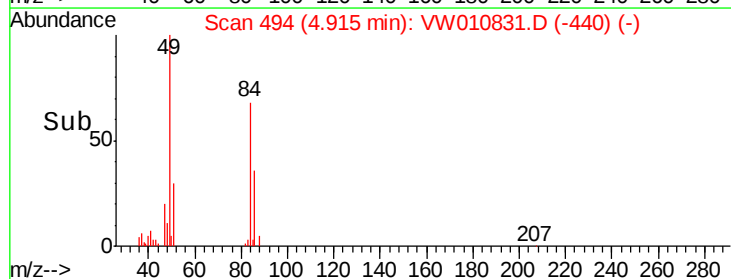
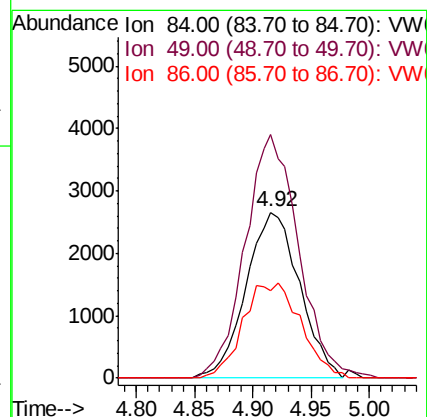
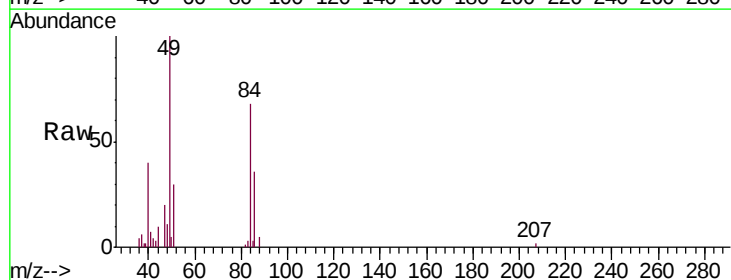
Tgt Ion: 84 Resp: 8478

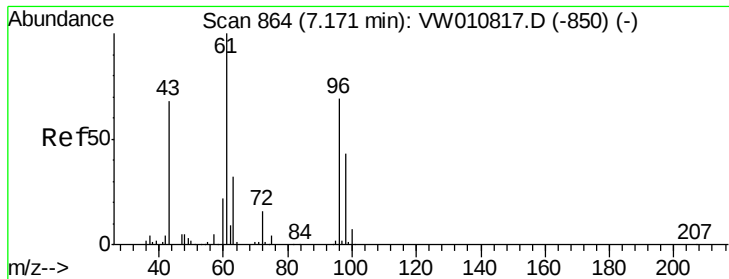
Ion Ratio Lower Upper

84 100

49 147.0 105.2 195.4

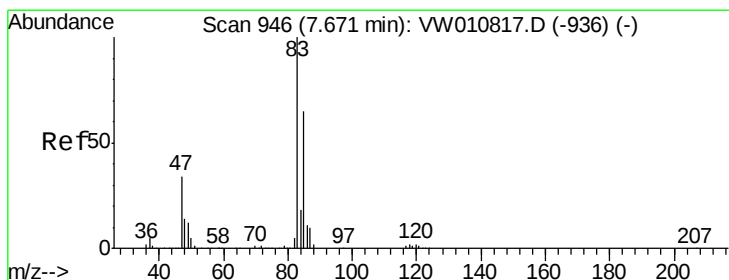
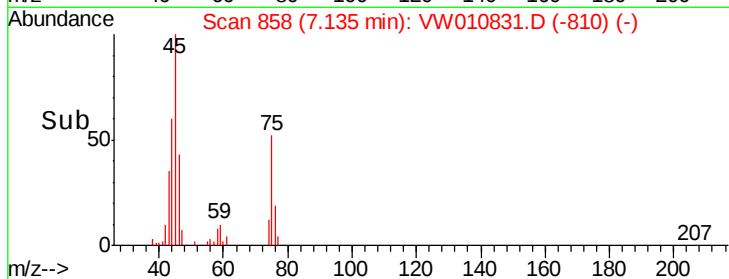
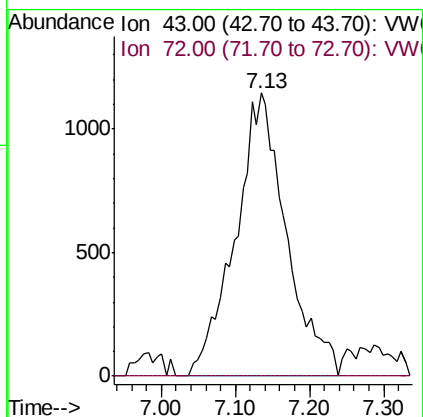
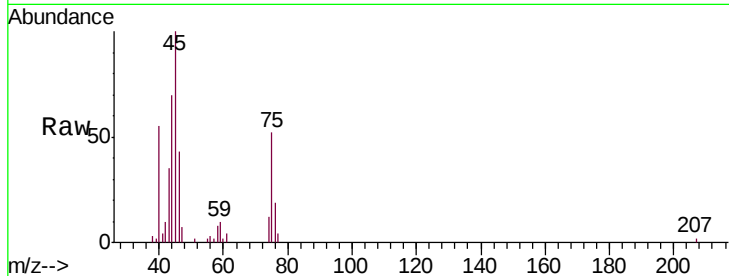
86 52.8 43.7 81.1





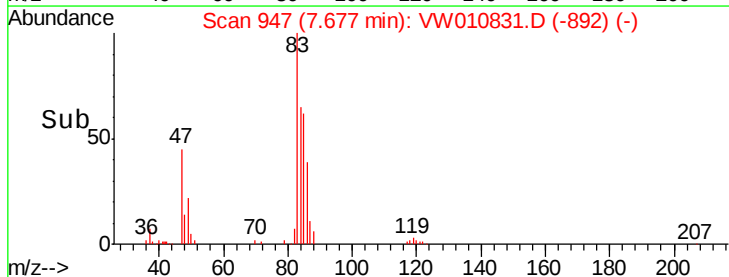
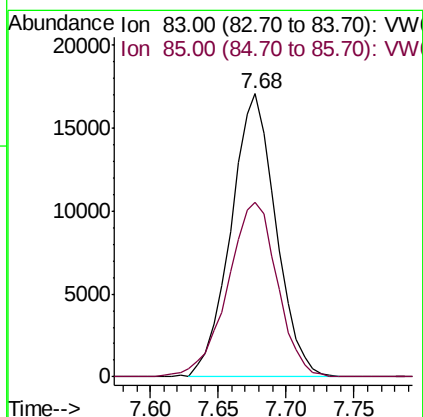
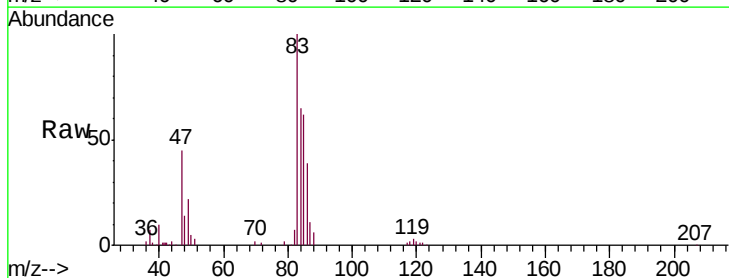
#21
2-Butanone
Concen: 2.163 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
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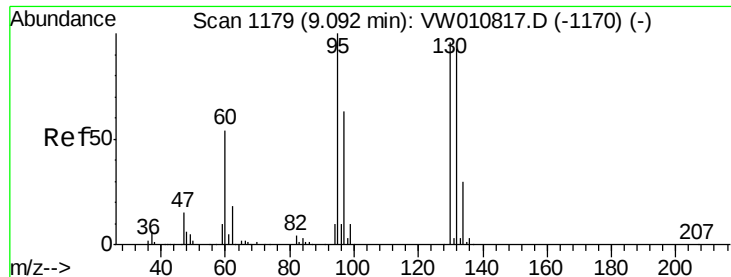
Tgt Ion: 43 Resp: 5495
Ion Ratio Lower Upper
43 100
72 0.0 11.0 33.0#



#25
Chloroform
Concen: 4.183 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW010831.D
Acq: 17 Jun 2019 16:51

Tgt Ion: 83 Resp: 39406
Ion Ratio Lower Upper
83 100
85 68.1 45.4 84.4





#35

Trichloroethene

Concen: 6.465 ug/L

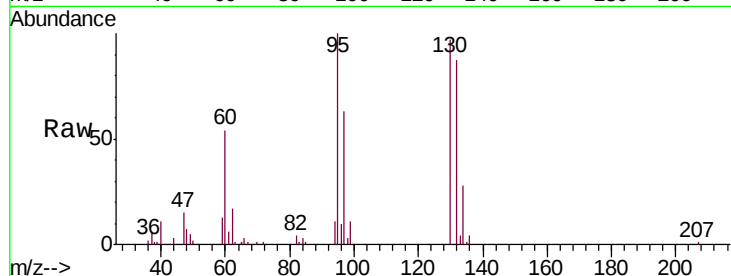
RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010831.D

Acq: 17 Jun 2019 16:51

Tgt Ion:	95	Resp:	27157
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.4	84.2
132	90.8	65.0	120.6
130	95.3	68.3	126.9



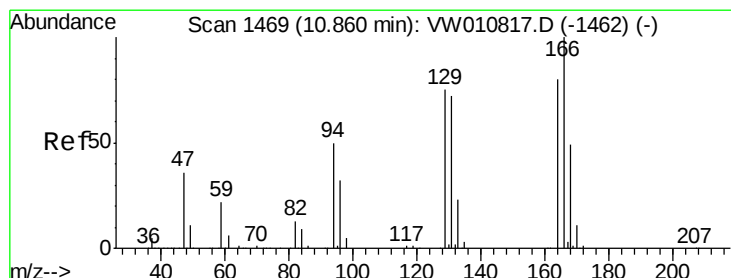
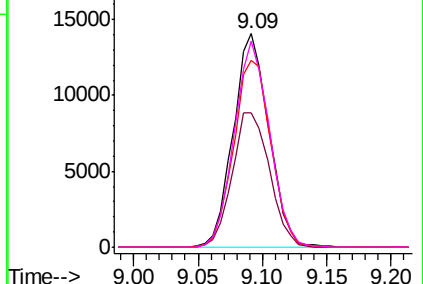
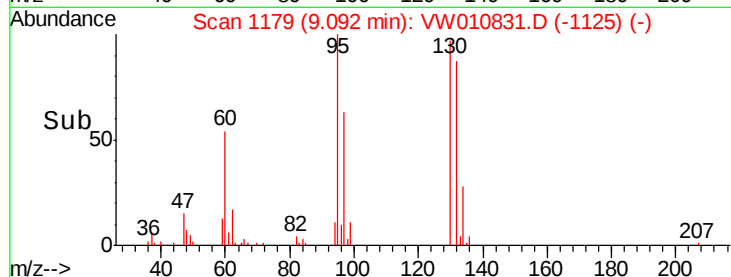
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 0.524 ug/L

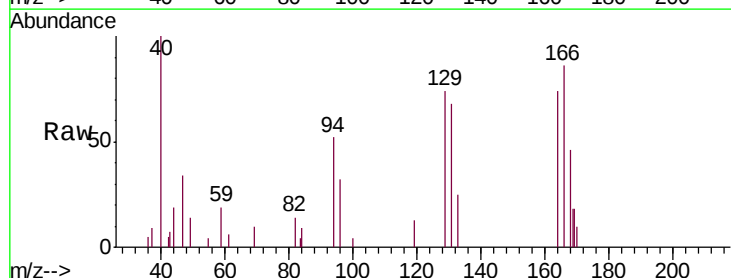
RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

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Tgt Ion:	164	Resp:	1650
Ion	Ratio	Lower	Upper
164	100		
129	100.6	64.5	119.7
131	92.3	63.6	118.0
166	116.6	85.8	159.3



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

