

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009864.D
 Acq On : 10 Apr 2019 06:01
 Operator : SY/VA
 Sample : K2278-02
 Misc : 5.17G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB6W9

Quant Time: Apr 10 06:47:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 06:04:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	483113	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	475065	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198171	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111917	17.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.80%
7) Chloroethane-d5	2.89	69	114209	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.88%
10) 1,1-Dichloroethene-d2	4.01	63	217509	16.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.00%
20) 2-Butanone-d5	7.08	46	119488	58.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.42%
24) Chloroform-d	7.65	84	342397	25.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.88%
26) 1,2-Dichloroethane-d4	8.31	65	228550	28.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.96%
29) Benzene-d6	8.27	84	609867	24.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.80%
33) 1,2-Dichloropropane-d6	9.27	67	199345	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.52%
37) Toluene-d8	10.32	98	528346	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.64%
38) trans-1,3-Dichloropropene-	10.58	79	80636	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.80%
39) 2-Hexanone-d5	10.93	63	75333	51.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	188357	26.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	191557	27.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.20%

Target Compounds

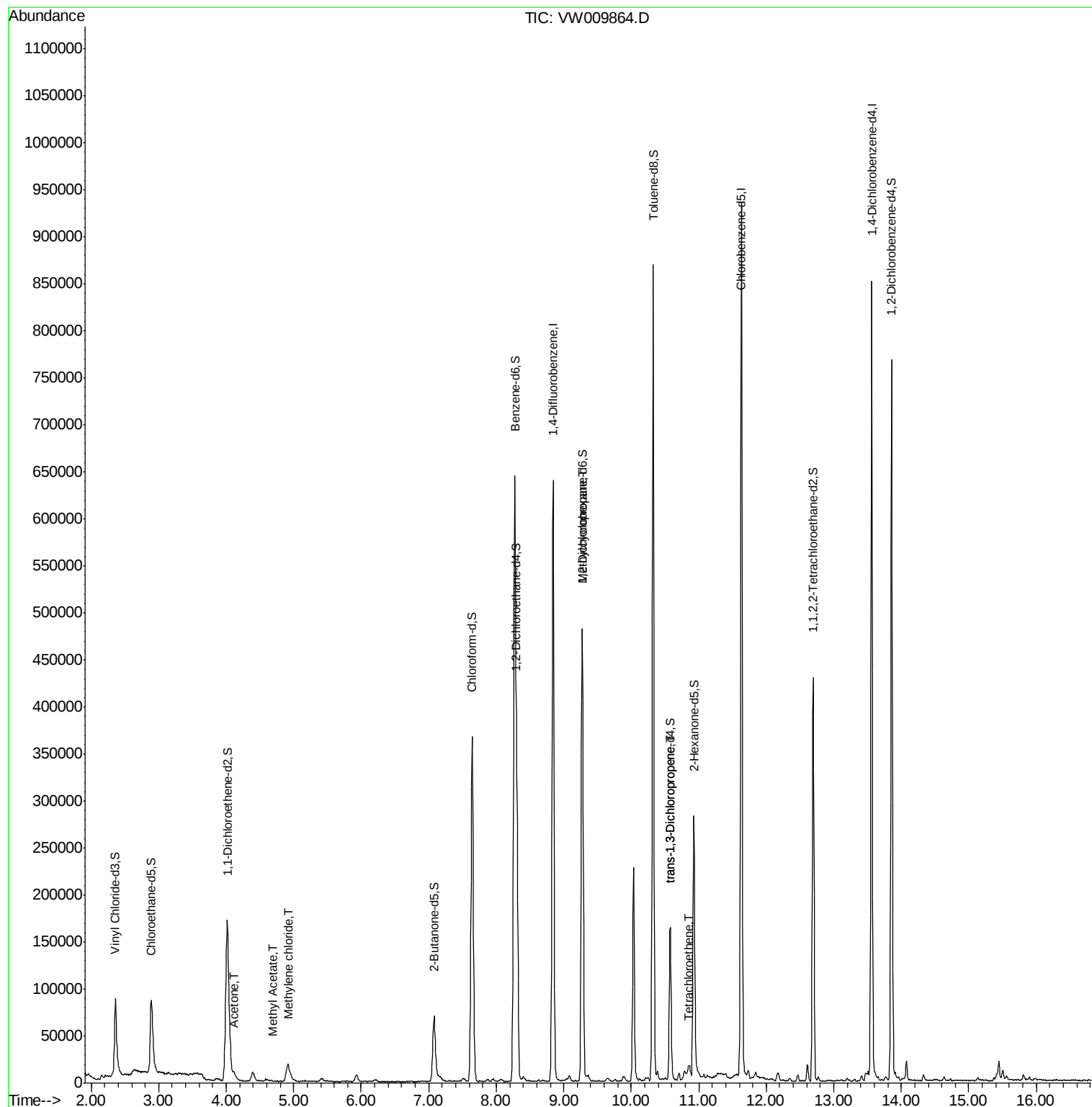
					Qvalue
13) Acetone	4.12	43	8525	3.876 ug/L	75
15) Methyl Acetate	4.69	43	2109	0.526 ug/L #	76
16) Methylene chloride	4.92	84	9808	1.151 ug/L	88
36) Methylcyclohexane	9.27	83	49481	4.024 ug/L #	17
45) trans-1,3-Dichloropropene	10.58	75	5704	0.584 ug/L #	81
47) Tetrachloroethene	10.86	164	2150	0.365 ug/L #	79

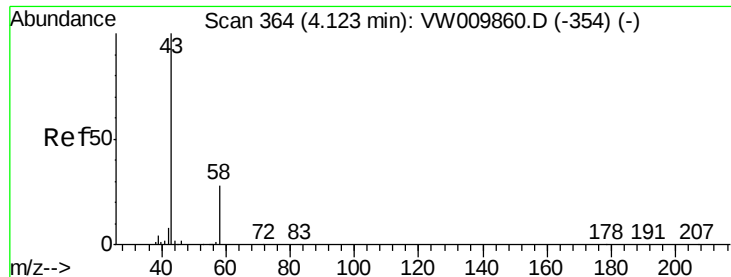
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 06:04:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.876 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009864.D

Acq: 10 Apr 2019 06:01

Instrument :

MSVOA_W

ClientSampleId :

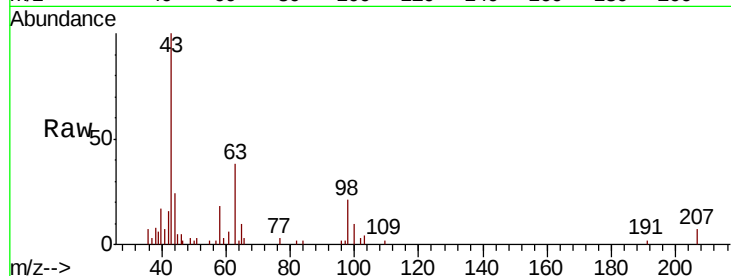
DB6W9

Tgt Ion: 43 Resp: 8525

Ion Ratio Lower Upper

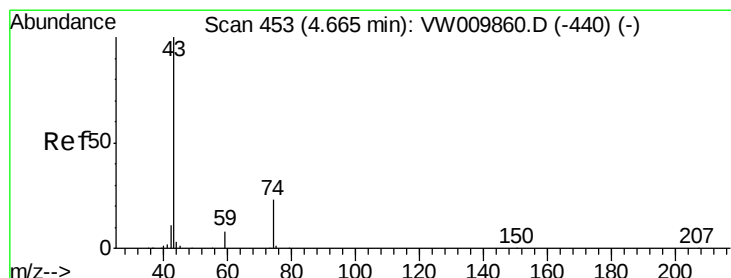
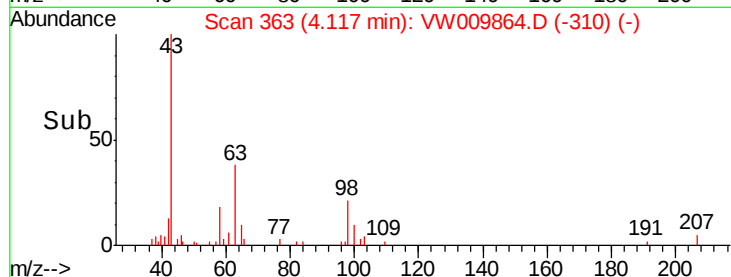
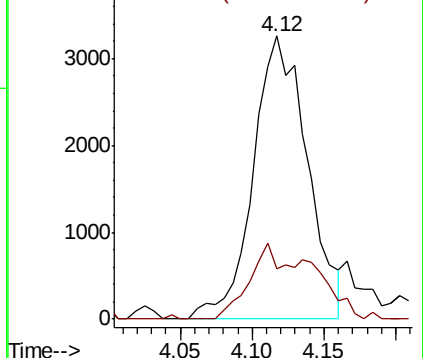
43 100

58 13.5 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 0.526 ug/L

RT: 4.69 min Scan# 457

Delta R.T. 0.02 min

Lab File: VW009864.D

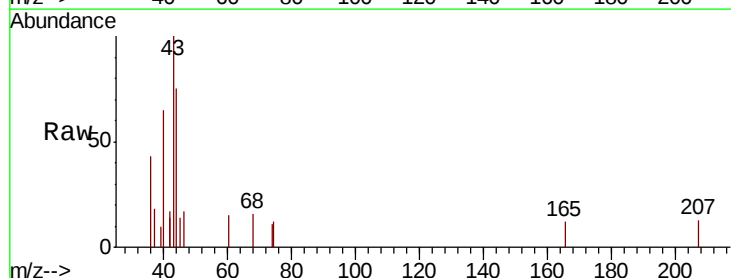
Acq: 10 Apr 2019 06:01

Tgt Ion: 43 Resp: 2109

Ion Ratio Lower Upper

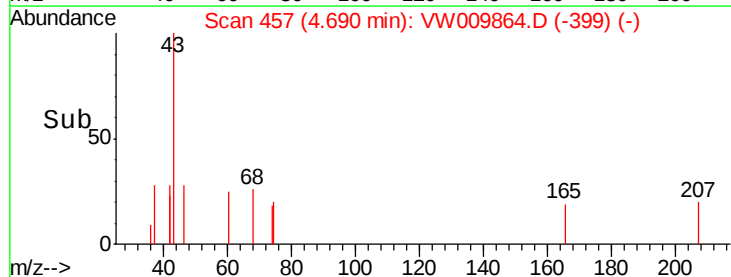
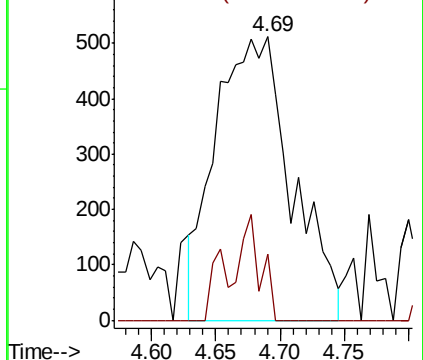
43 100

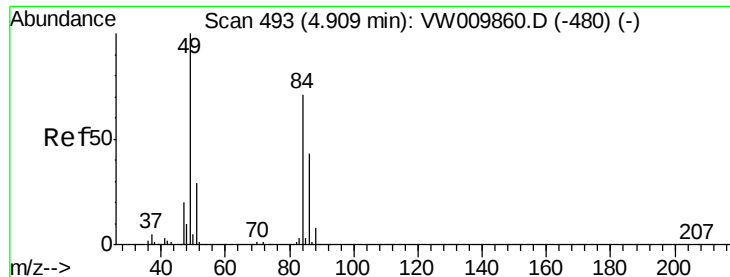
74 10.0 17.2 25.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

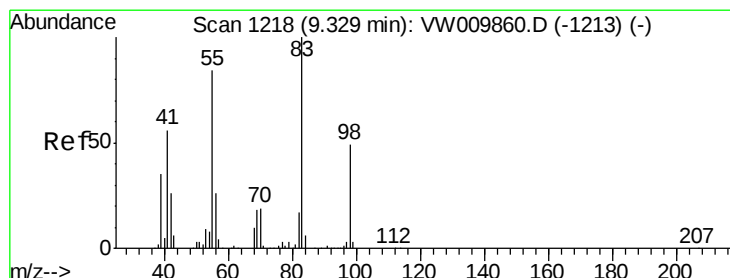
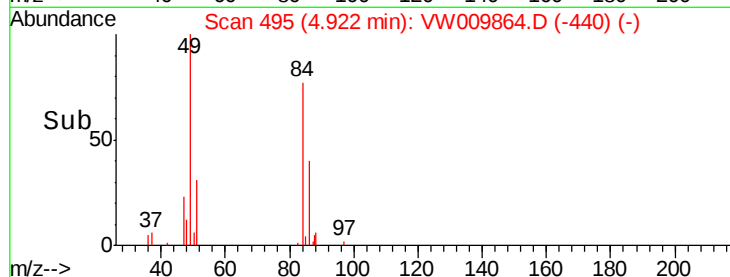
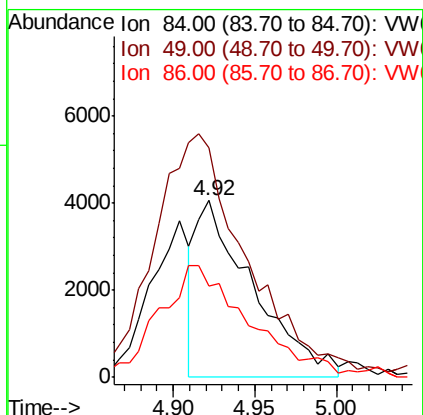
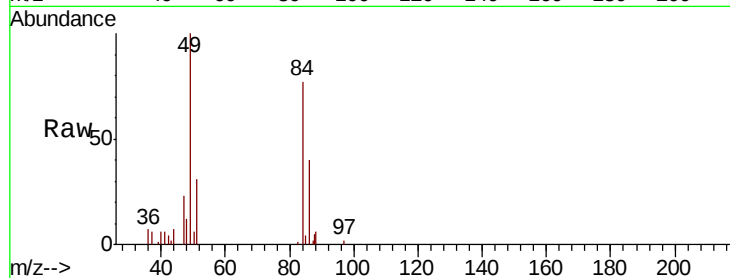




#16
Methylene chloride
Concen: 1.151 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009864.D
Acq: 10 Apr 2019 06:01

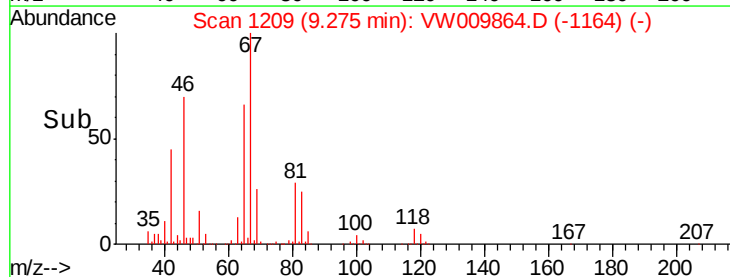
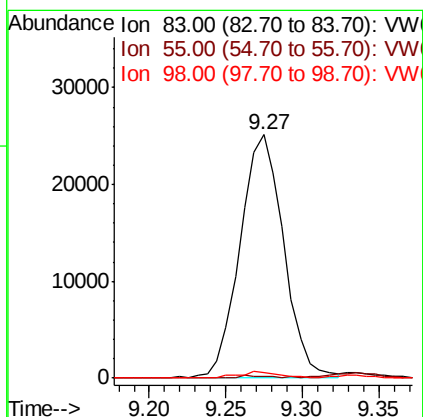
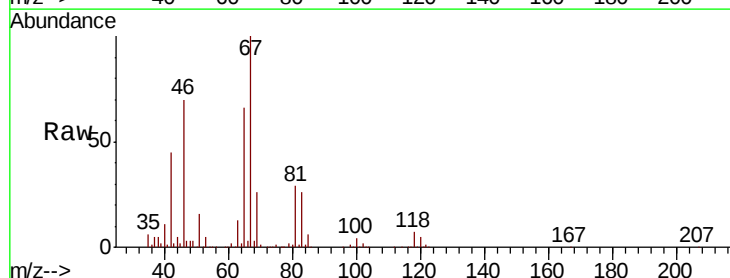
Instrument :
MSVOA_W
ClientSampled :
DB6W9

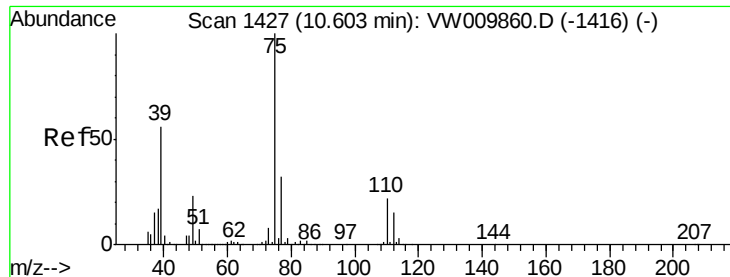
Tgt Ion: 84 Resp: 9808
Ion Ratio Lower Upper
84 100
49 130.1 98.3 182.5
86 51.9 46.4 86.2



#36
Methylcyclohexane
Concen: 4.024 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VW009864.D
Acq: 10 Apr 2019 06:01

Tgt Ion: 83 Resp: 49481
Ion Ratio Lower Upper
83 100
55 0.5 66.3 99.5#
98 1.5 39.4 59.0#





#45

trans-1,3-Dichloropropene

Concen: 0.584 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009864.D

Acq: 10 Apr 2019 06:01

Instrument :

MSVOA_W

ClientSampleId :

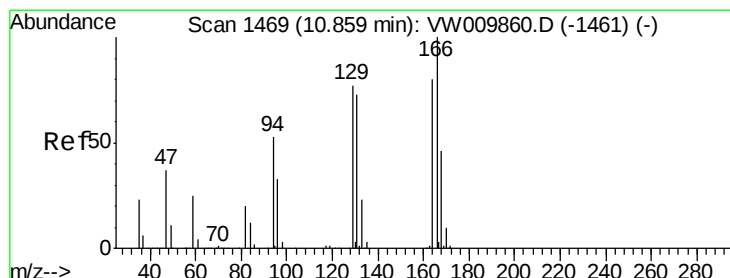
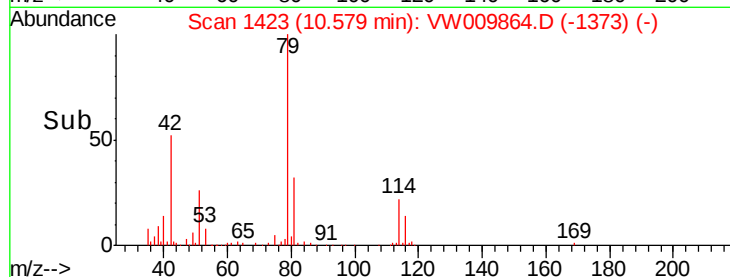
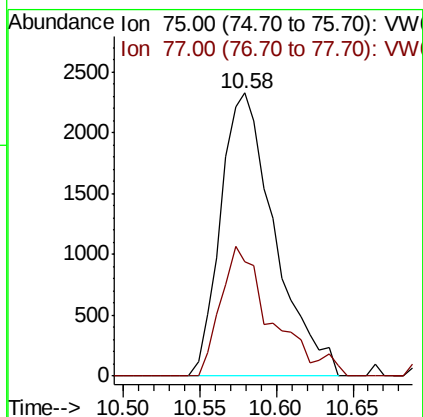
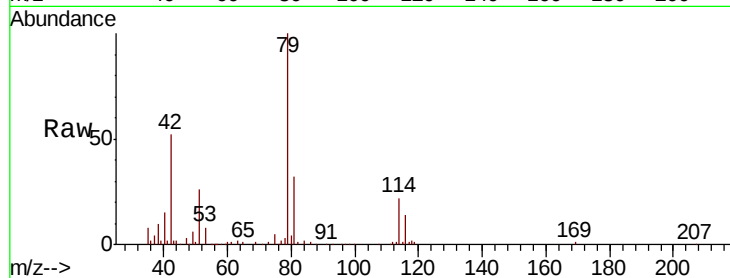
DB6W9

Tgt Ion: 75 Resp: 5704

Ion Ratio Lower Upper

75 100

77 40.6 21.1 39.3#



#47

Tetrachloroethene

Concen: 0.365 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009864.D

Acq: 10 Apr 2019 06:01

Tgt Ion: 164 Resp: 2150

Ion Ratio Lower Upper

164 100

129 80.4 68.9 127.9

131 59.8 63.1 117.1#

166 109.8 88.5 164.4

