

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009420.D
 Acq On : 25 Mar 2019 11:34
 Operator : SY/VA
 Sample : K2062-02
 Misc : 11.15G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 07:50:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371465	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346739	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160087	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93062	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	2.89	69	102835	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.20%
10) 1,1-Dichloroethene-d2	4.01	63	154261	16.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.32%
20) 2-Butanone-d5	7.07	46	115975	63.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.34%
24) Chloroform-d	7.64	84	234508	23.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	8.39	65	173	0.03	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	416317	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	9.27	67	137694	23.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.88%
37) Toluene-d8	10.32	98	365997	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.80%
38) trans-1,3-Dichloropropene-	10.58	79	63855	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
39) 2-Hexanone-d5	10.93	63	82593	59.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154913	27.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	143959	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds

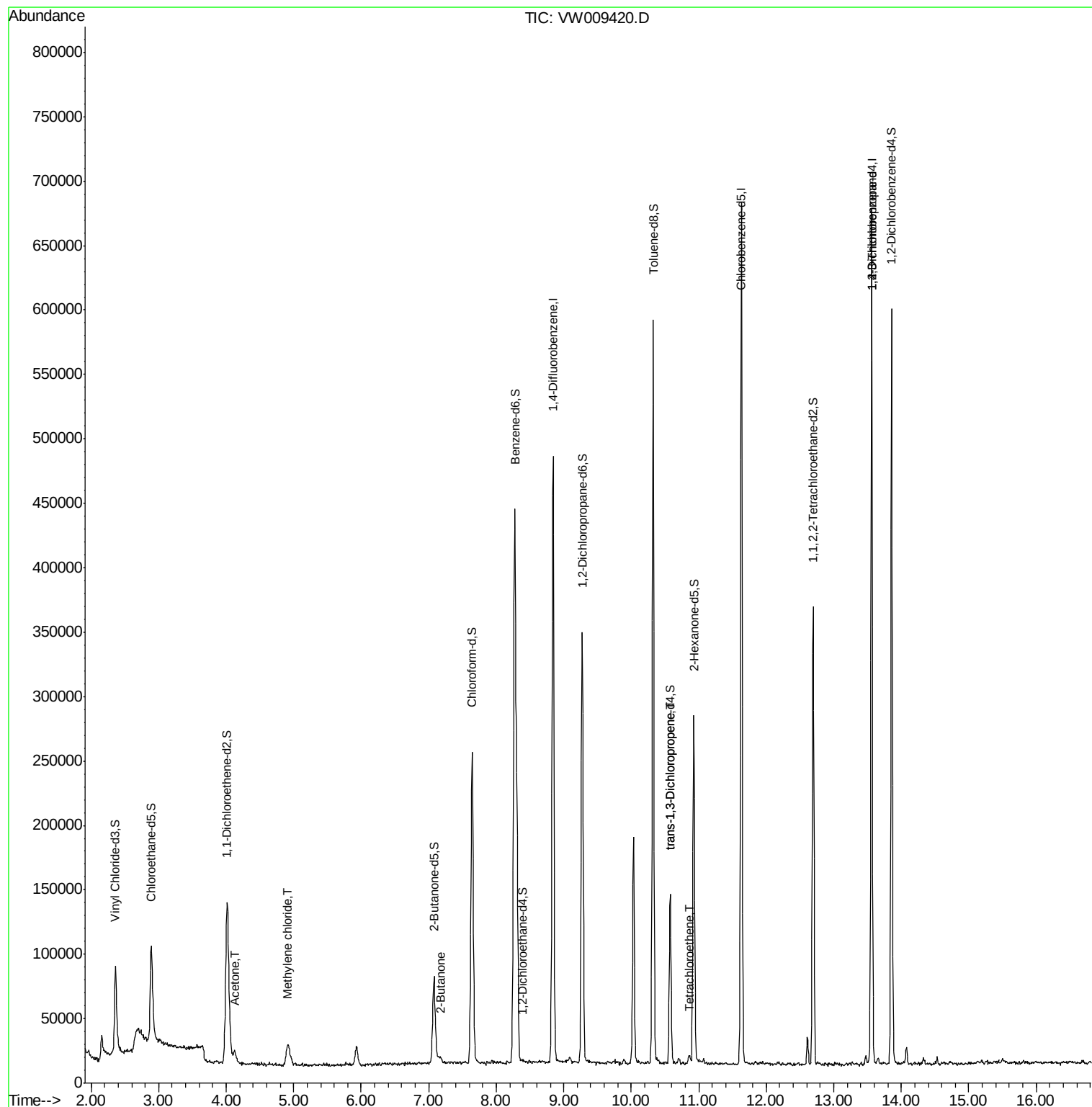
					Ovalue
13) Acetone	4.12	43	14583	9.687 ug/L	74
16) Methylene chloride	4.90	84	6420	1.185 ug/L	88
21) 2-Butanone	7.18	43	3150	1.515 ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	3373	0.489 ug/L	89
47) Tetrachloroethene	10.87	164	1230	0.288 ug/L	83
59) 1,2,3-Trichloropropane	13.56	75	21153	5.438 ug/L	94

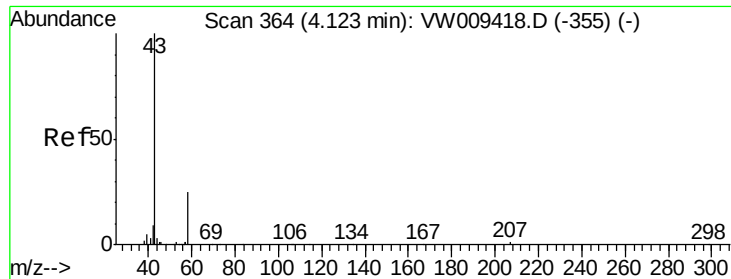
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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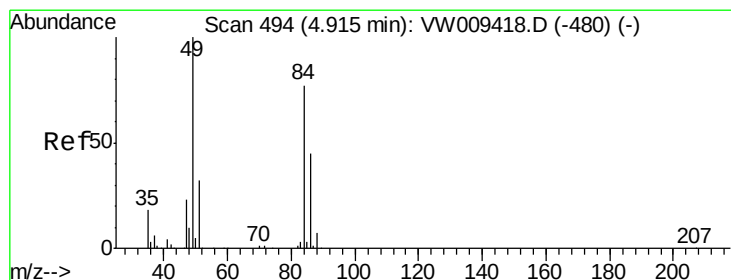
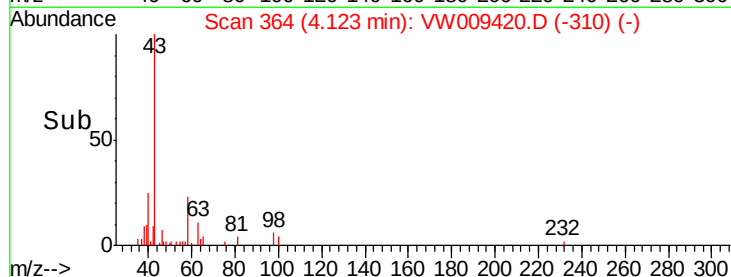
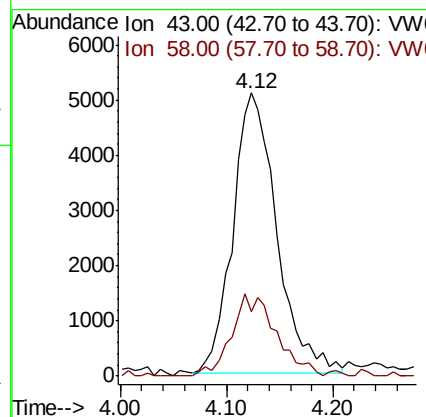
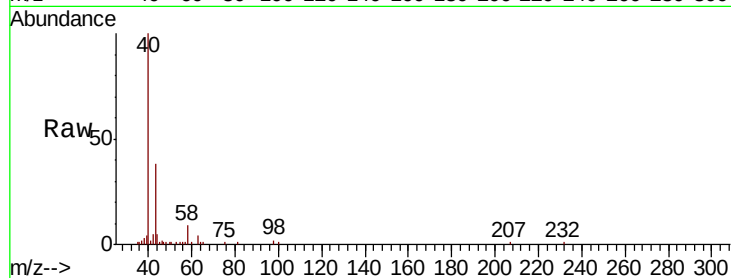




#13
Acetone
Concen: 9.687 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009420.D
Acq: 25 Mar 2019 11:34

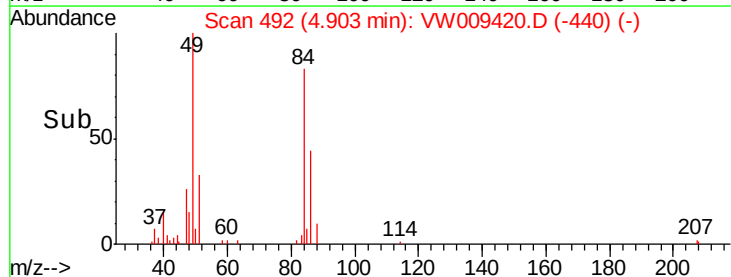
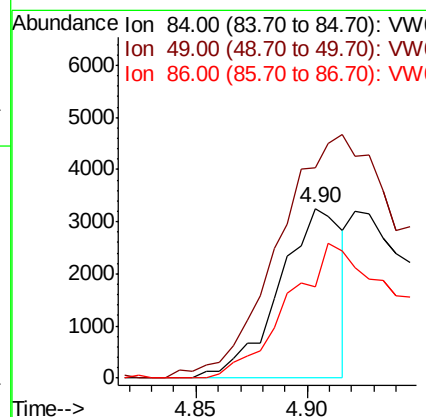
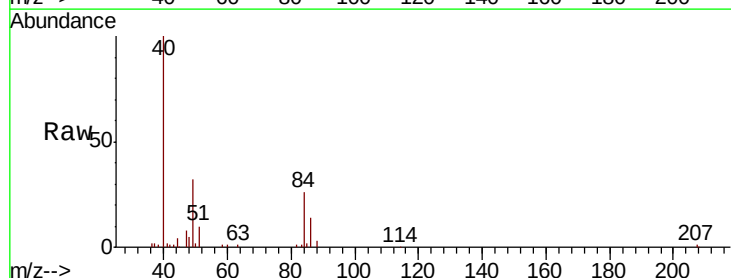
Instrument :
MSVOA_W
ClientSampleId :

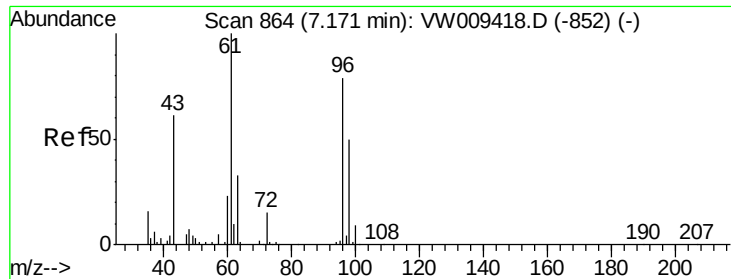
Tot Ion: 43 Resp: 14583
Ion Ratio Lower Upper
43 100
58 14.2 0.0 56.2



#16
Methylene chloride
Concen: 1.185 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009420.D
Acq: 25 Mar 2019 11:34

Tgt Ion: 84 Resp: 6420
Ion Ratio Lower Upper
84 100
49 123.7 96.0 178.2
86 53.4 44.4 82.5





#21

2-Butanone

Concen: 1.515 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW009420.D

Acq: 25 Mar 2019 11:34

Instrument :

MSVOA_W

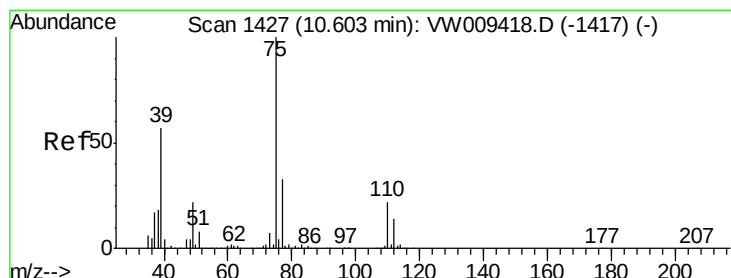
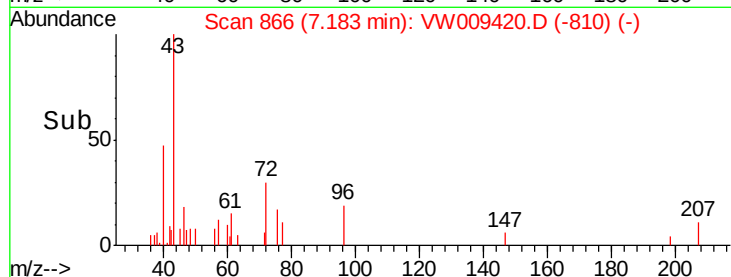
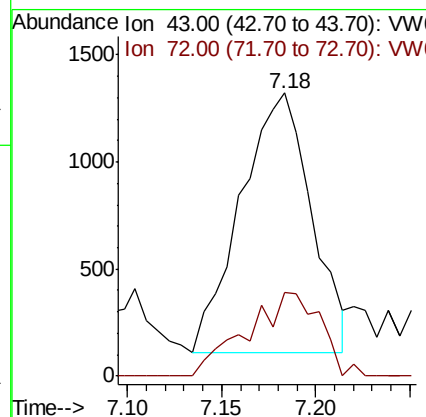
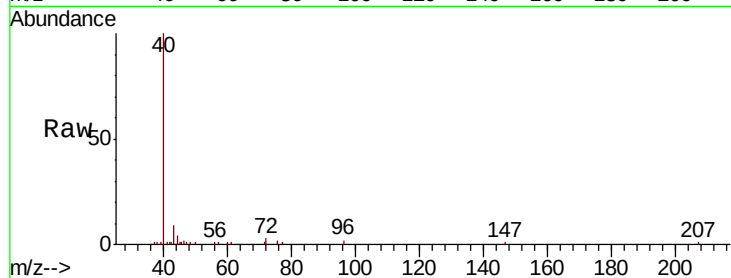
ClientSampled :

Tot Ion: 43 Resp: 3150

Ion Ratio Lower Upper

43 100

72 24.3 13.1 39.1



#45

trans-1,3-Dichloropropene

Concen: 0.489 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009420.D

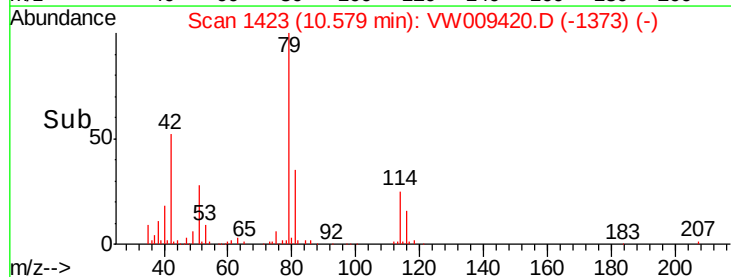
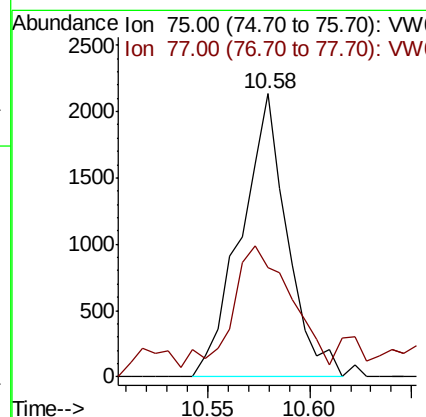
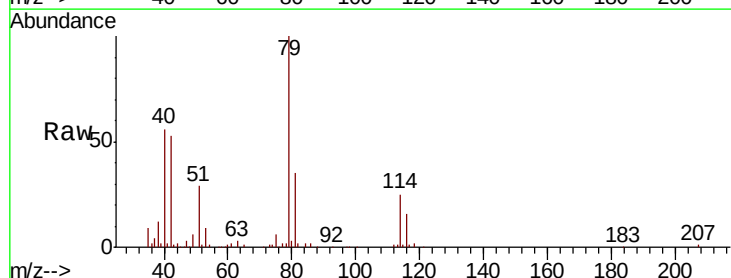
Acq: 25 Mar 2019 11:34

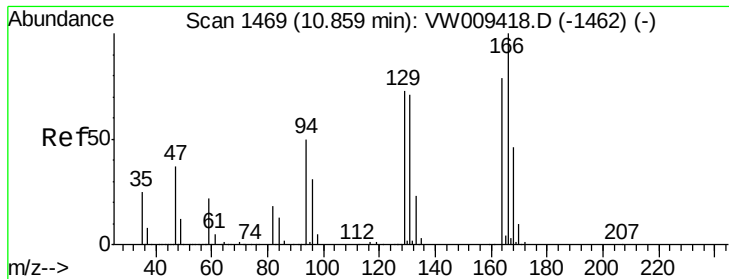
Tgt Ion: 75 Resp: 3373

Ion Ratio Lower Upper

75 100

77 38.4 22.5 41.7

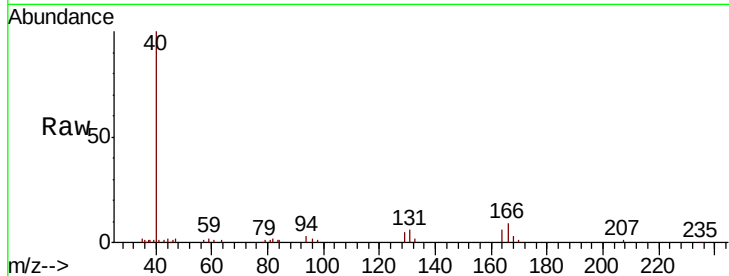




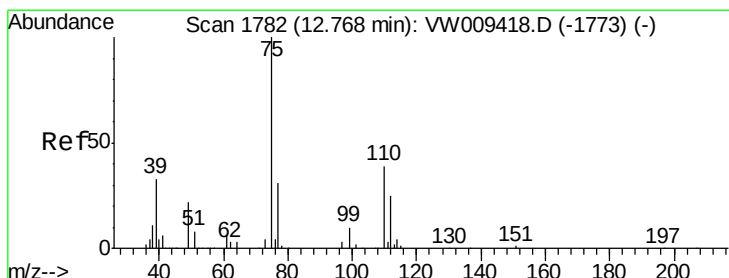
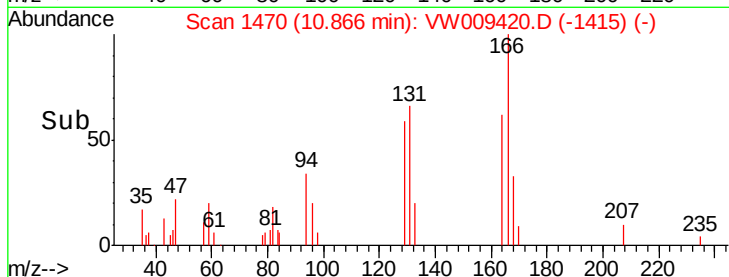
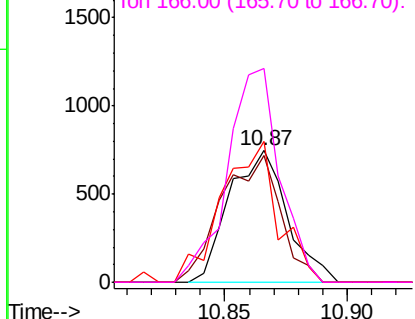
#47
Tetrachloroethene
Concen: 0.288 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW009420.D
Acq: 25 Mar 2019 11:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 1230
Ion Ratio Lower Upper
164 100
129 96.2 66.5 123.5
131 107.5 62.6 116.3
166 162.6 91.6 170.0

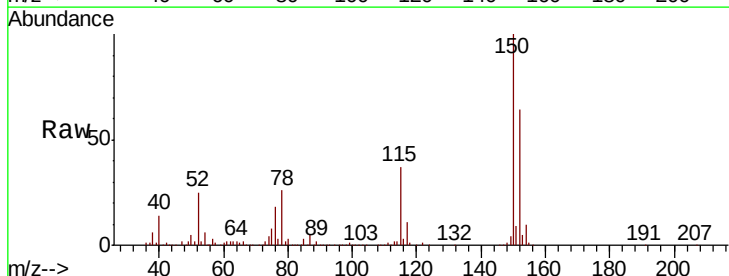


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 5.438 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW009420.D
Acq: 25 Mar 2019 11:34

Tgt Ion: 75 Resp: 21153
Ion Ratio Lower Upper
75 100
77 36.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

