

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009421.D
 Acq On : 25 Mar 2019 12:02
 Operator : SY/VA
 Sample : K2062-03
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 07:50:41 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	345694	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311205	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123402	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90571	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.68%
7) Chloroethane-d5	2.89	69	96947	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.24%
10) 1,1-Dichloroethene-d2	4.01	63	144573	16.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.76%
20) 2-Butanone-d5	7.07	46	88152	51.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.20%
24) Chloroform-d	7.64	84	220943	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.31	65	139746	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	8.27	84	385769	22.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.92%
33) 1,2-Dichloropropane-d6	9.27	67	125620	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.48%
37) Toluene-d8	10.32	98	321753	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.12%
38) trans-1,3-Dichloropropene-	10.58	79	54994	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	10.93	63	61051	48.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.80%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	122502	24.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	106300	22.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.84%

Target Compounds

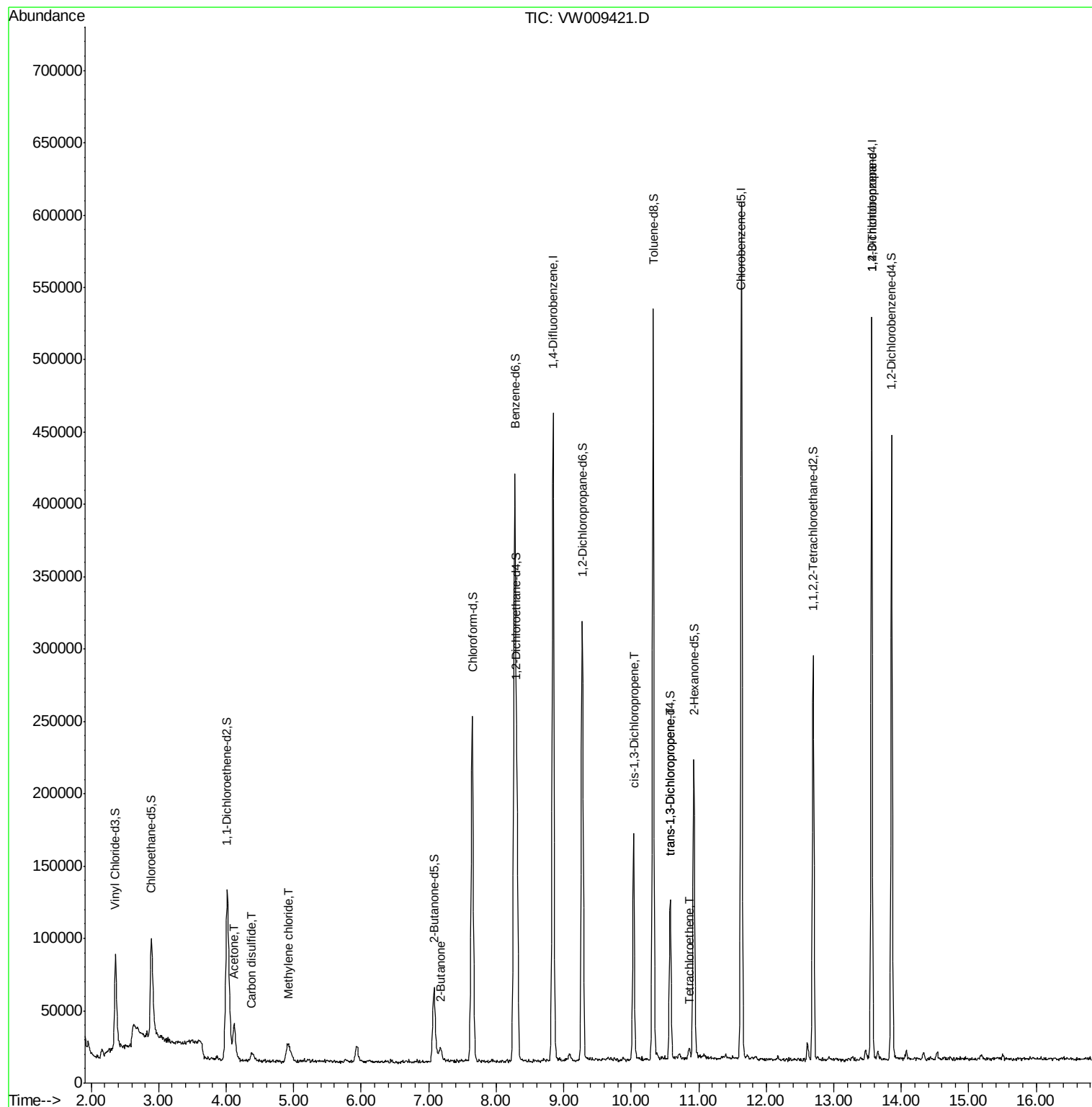
					Ovalue
13) Acetone	4.12	43	41856	29.876 ug/L	76
14) Carbon disulfide	4.37	76	10401	0.908 ug/L #	92
16) Methylene chloride	4.92	84	6545	1.298 ug/L	89
21) 2-Butanone	7.17	43	12796	6.615 ug/L	97
42) cis-1,3-Dichloropropene	10.03	75	4081	0.573 ug/L #	75
45) trans-1,3-Dichloropropene	10.57	75	3262	0.527 ug/L #	20
47) Tetrachloroethene	10.87	164	1373	0.358 ug/L #	82
59) 1,2,3-Trichloropropane	13.56	75	16015	4.587 ug/L	90

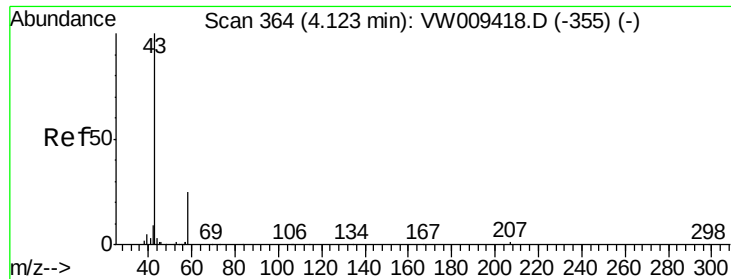
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 07:46:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 29.876 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009421.D

Acq: 25 Mar 2019 12:02

Instrument :

MSVOA_W

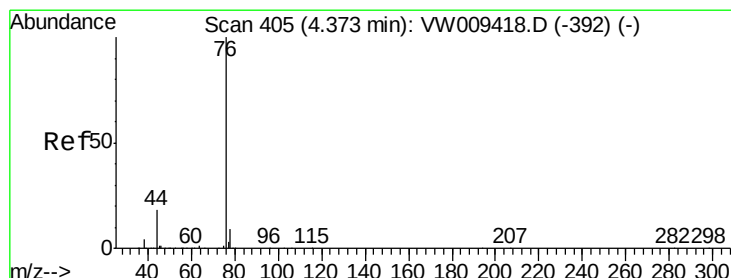
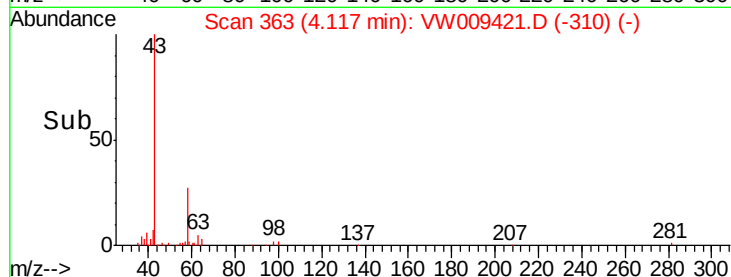
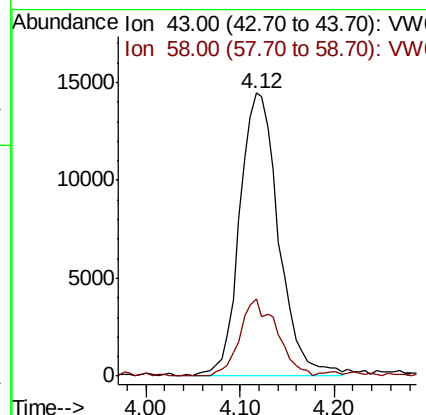
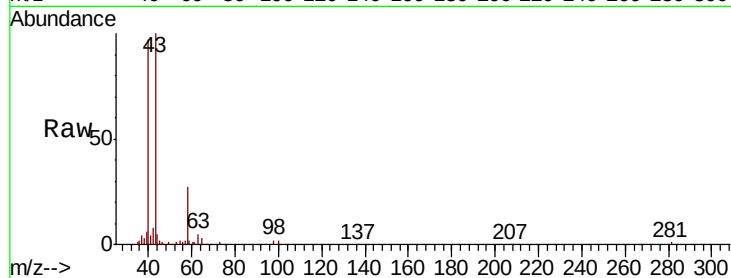
ClientSampleId :

Tot Ion: 43 Resp: 41856

Ion Ratio Lower Upper

43 100

58 15.6 0.0 56.2



#14

Carbon disulfide

Concen: 0.908 ug/L

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW009421.D

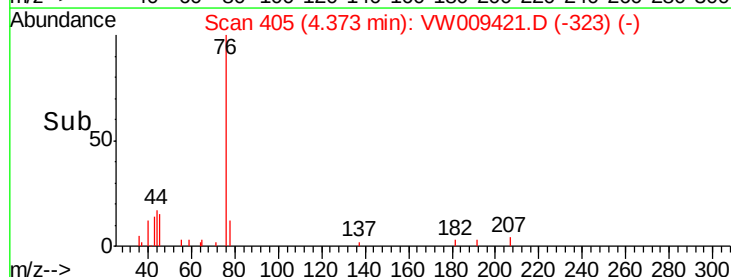
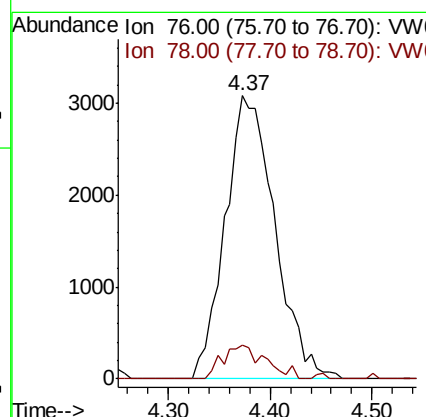
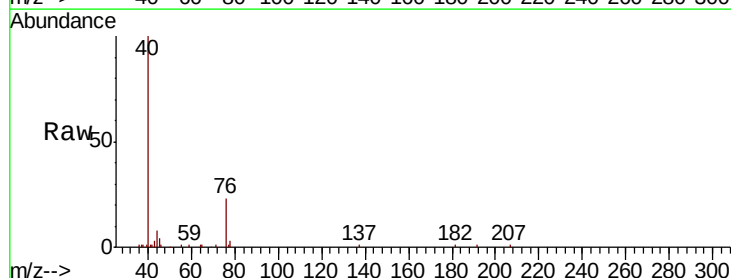
Acq: 25 Mar 2019 12:02

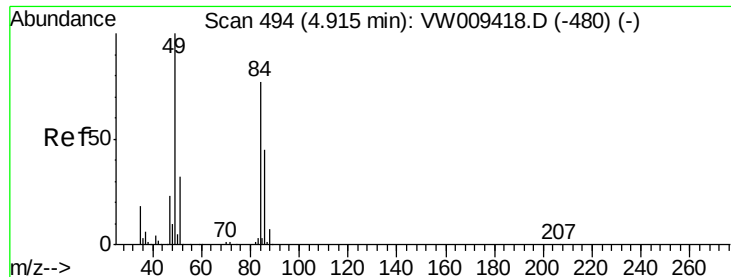
Tgt Ion: 76 Resp: 10401

Ion Ratio Lower Upper

76 100

78 12.1 7.3 10.9#

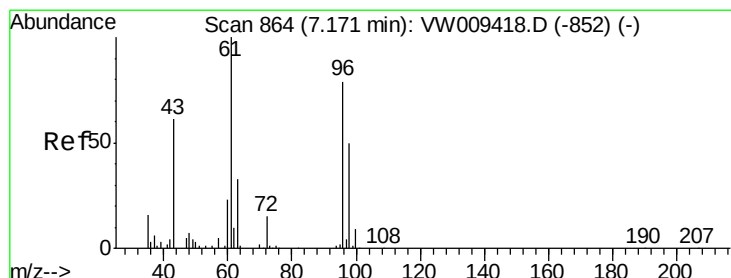
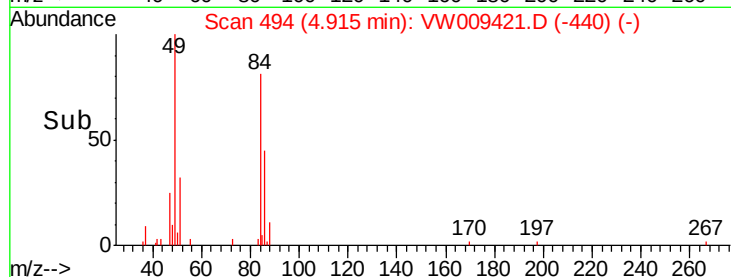
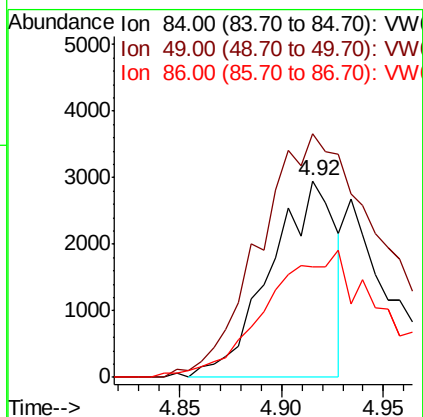
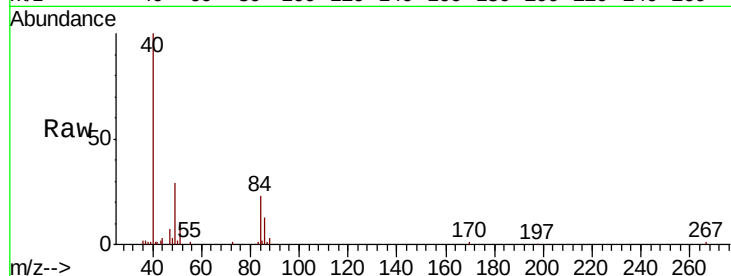




#16
Methylene chloride
Concen: 1.298 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009421.D
Acq: 25 Mar 2019 12:02

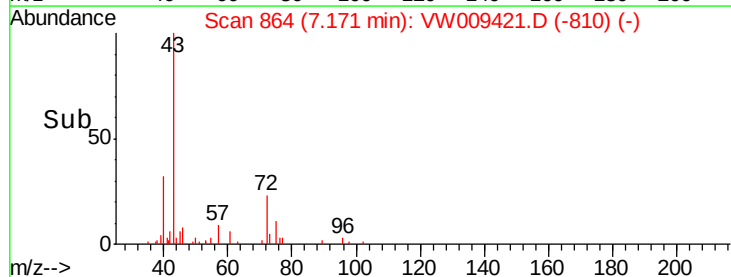
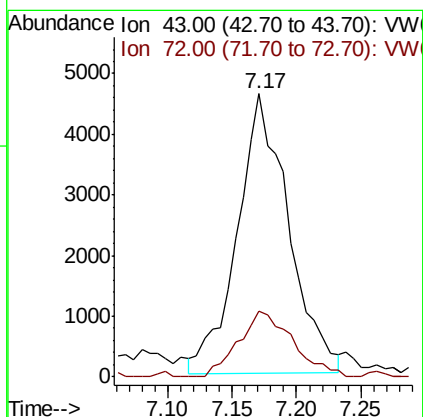
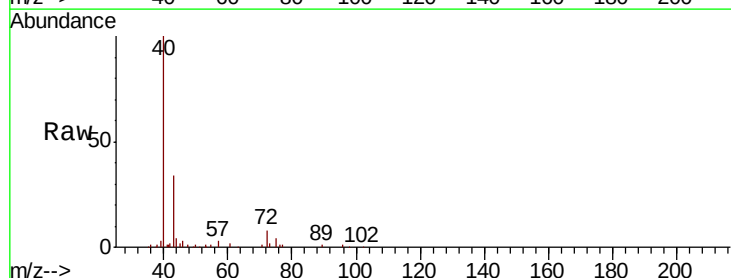
Instrument :
MSVOA_W
ClientSampled :

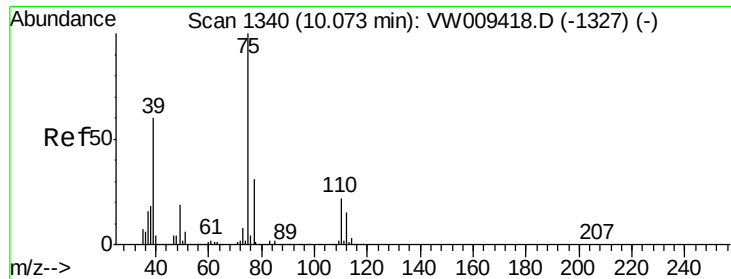
Tot Ion: 84 Resp: 6545
Ion Ratio Lower Upper
84 100
49 124.0 96.0 178.2
86 56.0 44.4 82.5



#21
2-Butanone
Concen: 6.615 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009421.D
Acq: 25 Mar 2019 12:02

Tgt Ion: 43 Resp: 12796
Ion Ratio Lower Upper
43 100
72 24.7 13.1 39.1





#42

cis-1,3-Dichloropropene

Concen: 0.573 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009421.D

Acq: 25 Mar 2019 12:02

Instrument :

MSVOA_W

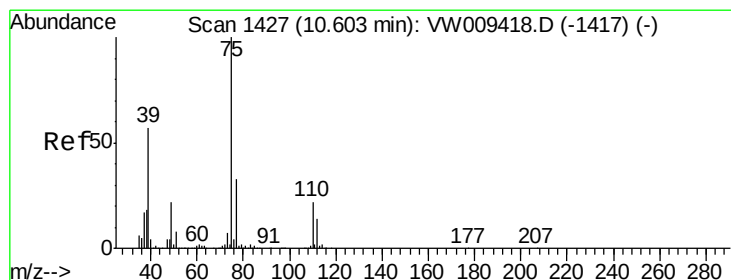
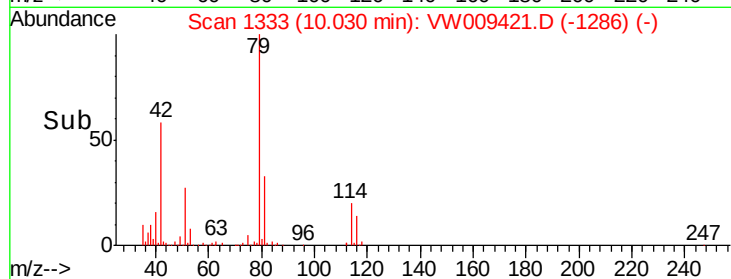
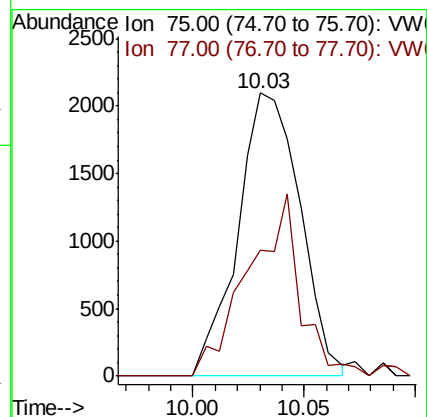
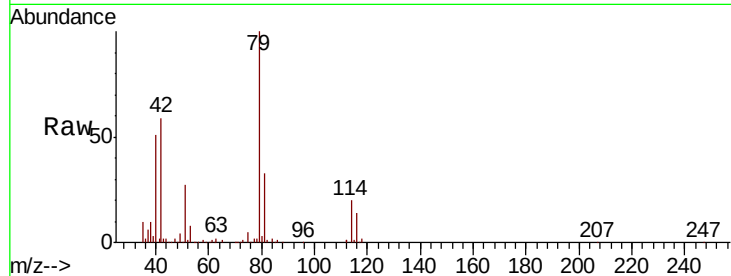
ClientSampled :

Tot Ion: 75 Resp: 4081

Ion Ratio Lower Upper

75 100

77 44.7 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009421.D

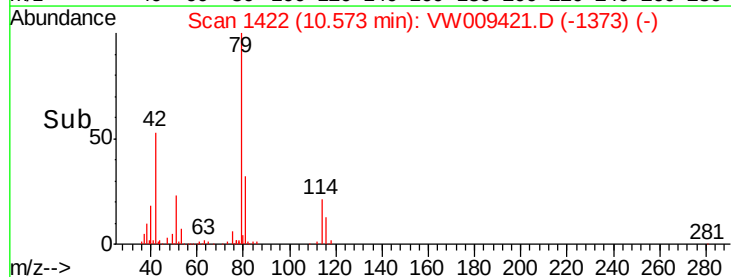
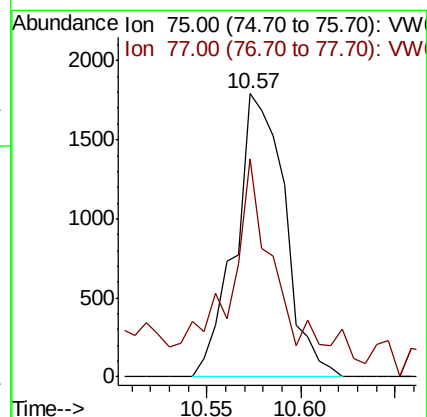
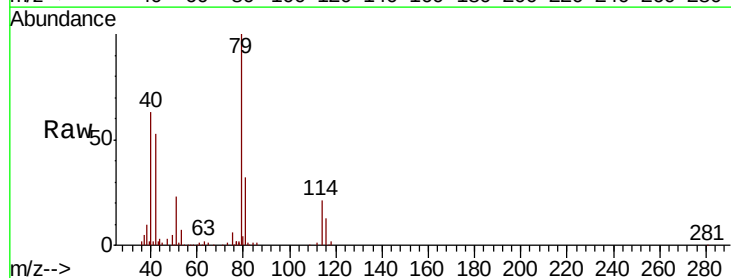
Acq: 25 Mar 2019 12:02

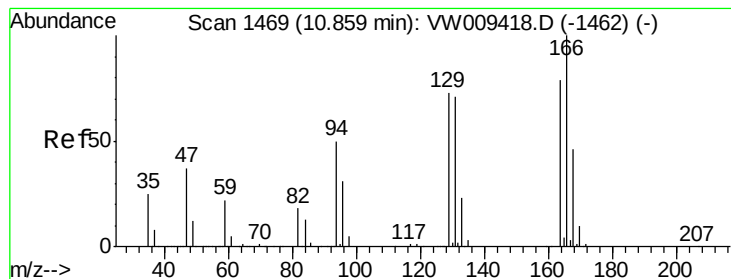
Tgt Ion: 75 Resp: 3262

Ion Ratio Lower Upper

75 100

77 77.0 22.5 41.7#





#47

Tetrachloroethene

Concen: 0.358 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW009421.D

Acq: 25 Mar 2019 12:02

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 1373

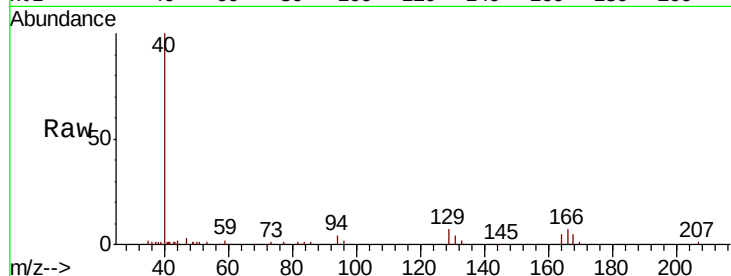
Ion Ratio Lower Upper

164 100

129 133.5 66.5 123.5#

131 83.5 62.6 116.3

166 143.4 91.6 170.0



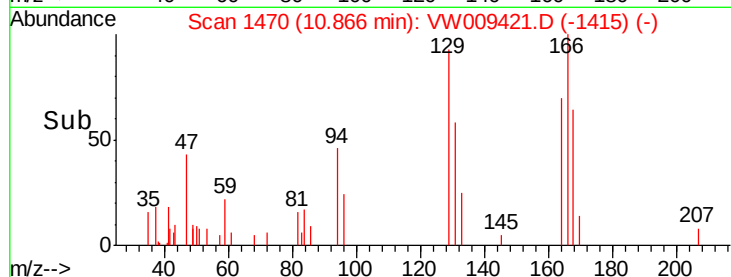
Abundance Ion 164.00 (163.70 to 164.70): V

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

Time--> 10.80 10.85 10.90



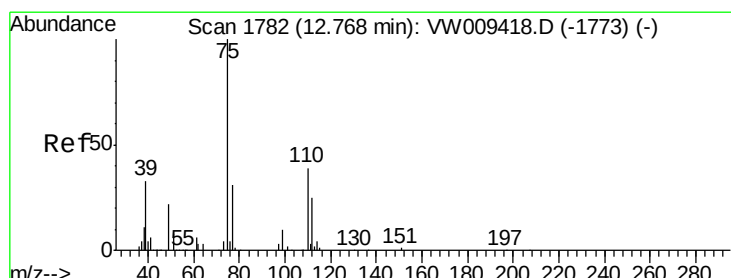
Abundance Ion 164.00 (163.70 to 164.70): V

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

Time--> 10.80 10.85 10.90



#59

1,2,3-Trichloropropane

Concen: 4.587 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009421.D

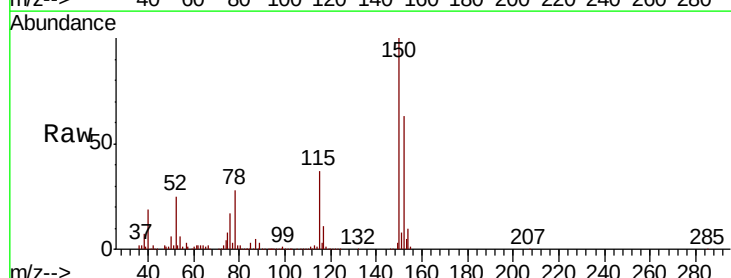
Acq: 25 Mar 2019 12:02

Tgt Ion: 75 Resp: 16015

Ion Ratio Lower Upper

75 100

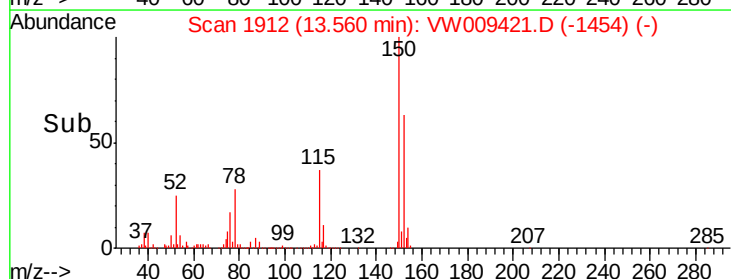
77 38.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

Time--> 13.50 13.55 13.60



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

Time--> 13.50 13.55 13.60