

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009477.D
 Acq On : 26 Mar 2019 21:49
 Operator : SY/VA
 Sample : K2068-03
 Misc : 5.32G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 08:07:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	323058	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305279	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123414	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68803	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.28%
7) Chloroethane-d5	2.89	69	82244	18.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.84%
10) 1,1-Dichloroethene-d2	4.01	63	119718	14.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.40%
20) 2-Butanone-d5	7.07	46	73321	45.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.84%
24) Chloroform-d	7.65	84	200582	22.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	8.30	65	122980	23.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.64%
29) Benzene-d6	8.27	84	341340	20.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.08%
33) 1,2-Dichloropropane-d6	9.27	67	114926	22.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.92%
37) Toluene-d8	10.32	98	290933	18.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.76%
38) trans-1,3-Dichloropropene-	10.58	79	47554	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.92%
39) 2-Hexanone-d5	10.93	63	49508	40.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110422	22.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	102414	21.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.56%

Target Compounds

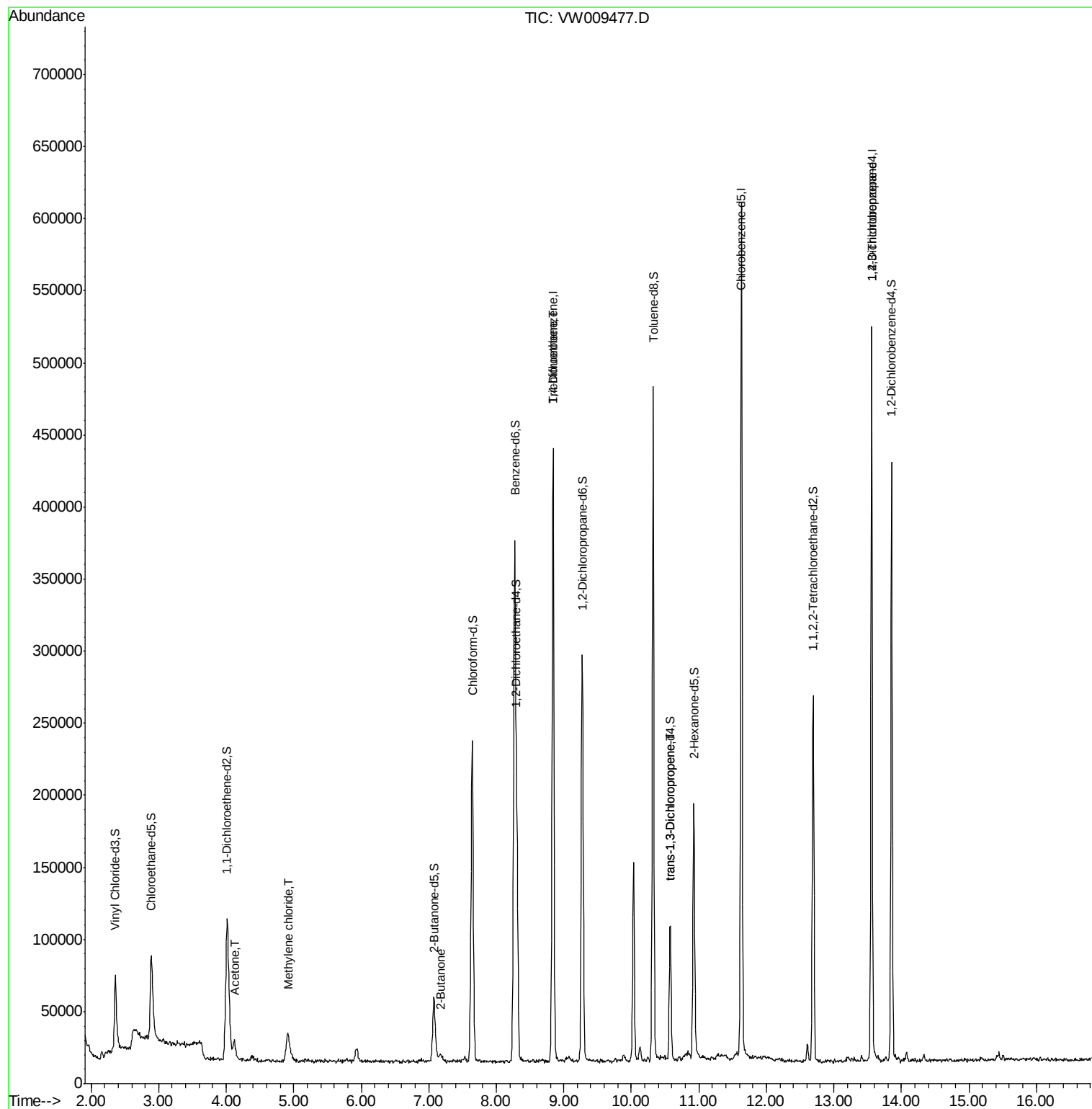
					Ovalue
13) Acetone	4.12	43	19949	15.237	ug/L 99
16) Methylene chloride	4.92	84	17194	3.650	ug/L 90
21) 2-Butanone	7.18	43	5326	2.946	ug/L 81
35) Trichloroethene	8.84	95	10436	2.344	ug/L # 5
45) trans-1,3-Dichloropropene	10.58	75	2746	0.452	ug/L 84
59) 1,2,3-Trichloropropane	13.56	75	16842	4.918	ug/L 93

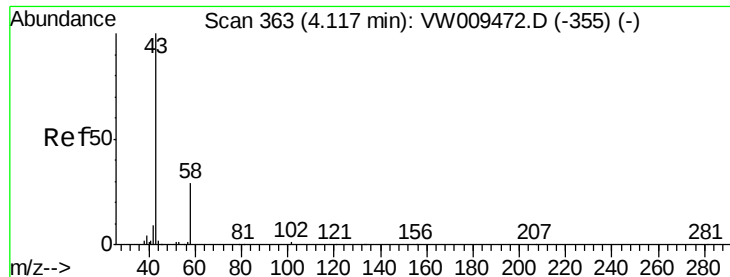
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration





#13

Acetone

Concen: 15.237 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009477.D

Acq: 26 Mar 2019 21:49

Instrument :

MSVOA_W

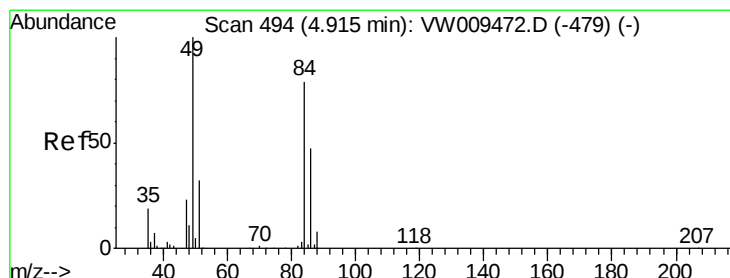
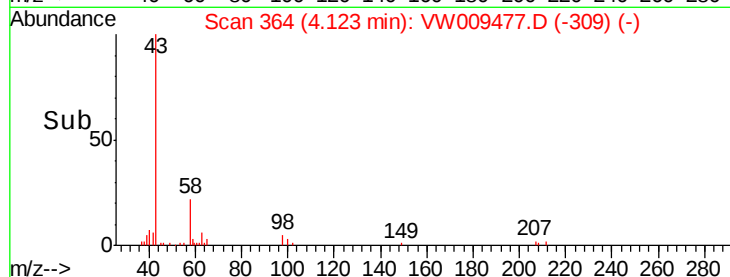
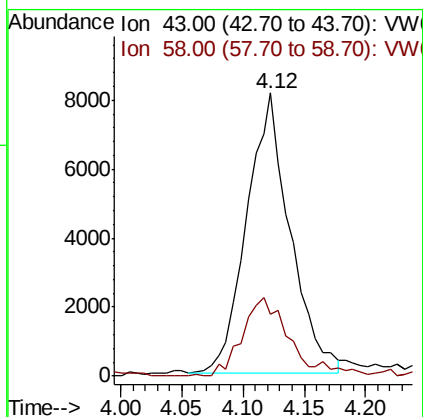
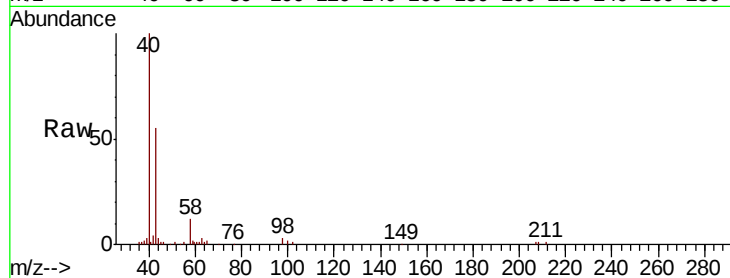
ClientSampled :

Tot Ion: 43 Resp: 19949

Ion Ratio Lower Upper

43 100

58 27.8 0.0 56.2



#16

Methylene chloride

Concen: 3.650 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009477.D

Acq: 26 Mar 2019 21:49

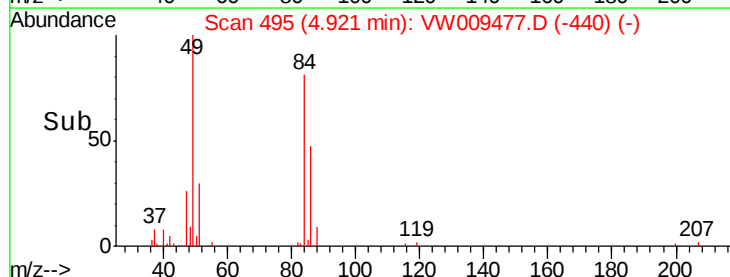
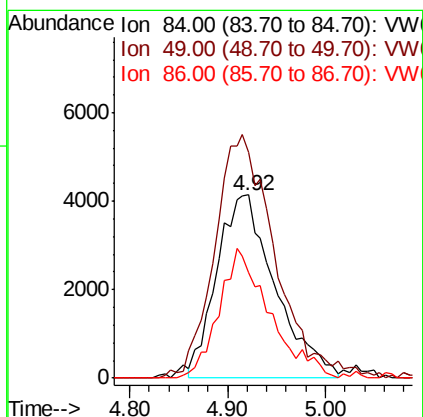
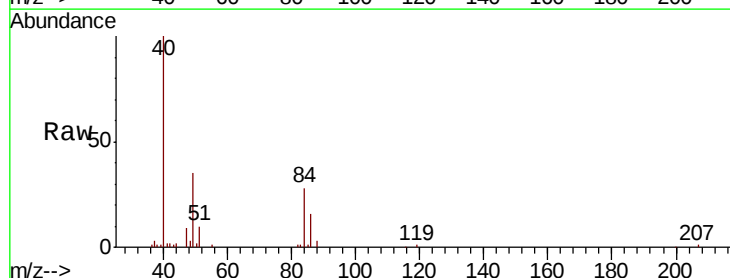
Tgt Ion: 84 Resp: 17194

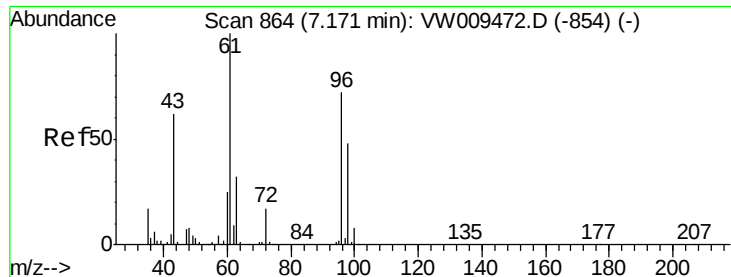
Ion Ratio Lower Upper

84 100

49 123.2 96.0 178.2

86 57.4 44.4 82.5

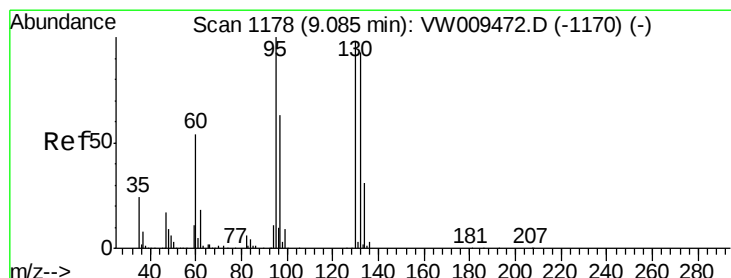
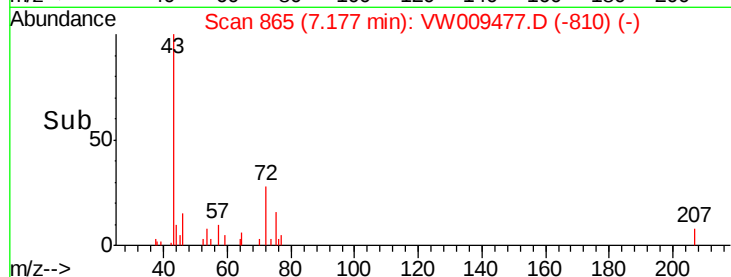
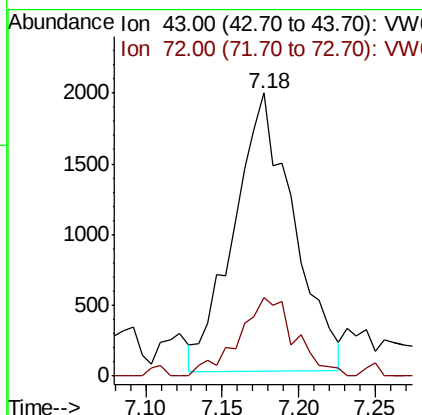
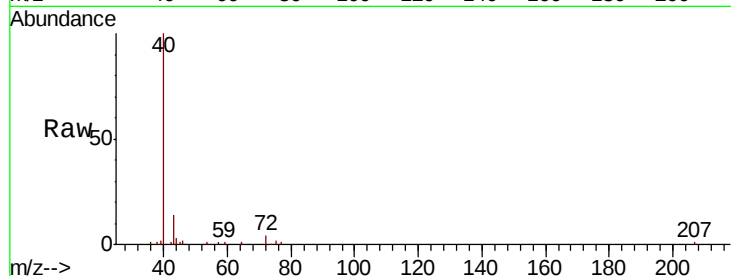




#21
2-Butanone
Concen: 2.946 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009477.D
Acq: 26 Mar 2019 21:49

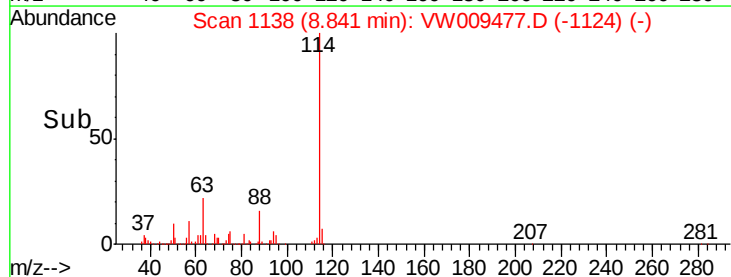
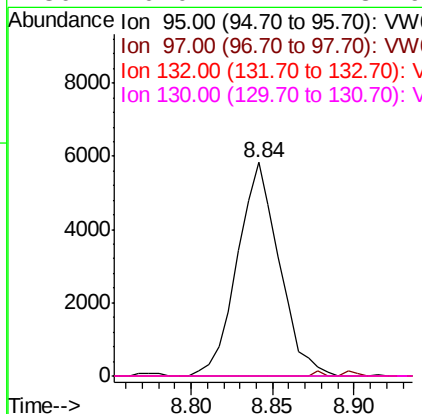
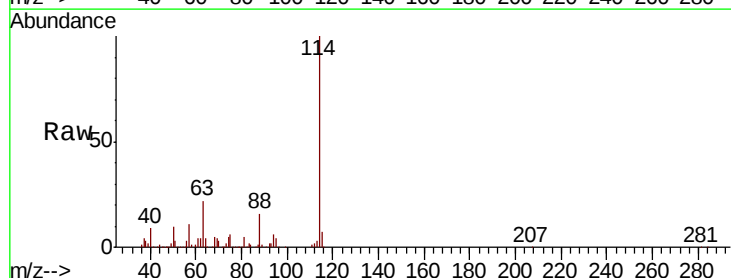
Instrument :
MSVOA_W
ClientSampled :

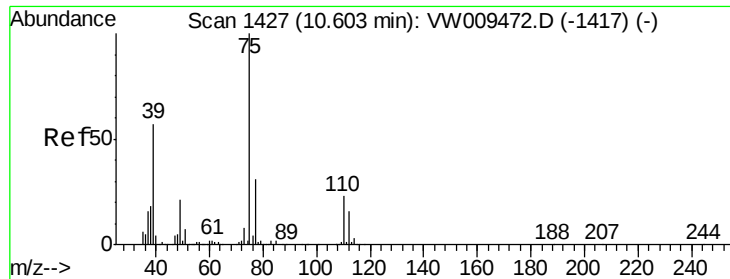
Tot Ion: 43 Resp: 5326
Ion Ratio Lower Upper
43 100
72 16.6 13.1 39.1



#35
Trichloroethene
Concen: 2.344 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VW009477.D
Acq: 26 Mar 2019 21:49

Tgt Ion: 95 Resp: 10436
Ion Ratio Lower Upper
95 100
97 0.8 44.7 82.9#
132 0.8 69.0 128.2#
130 0.0 72.7 134.9#





#45

trans-1,3-Dichloropropene

Concen: 0.452 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009477.D

Acq: 26 Mar 2019 21:49

Instrument :

MSVOA_W

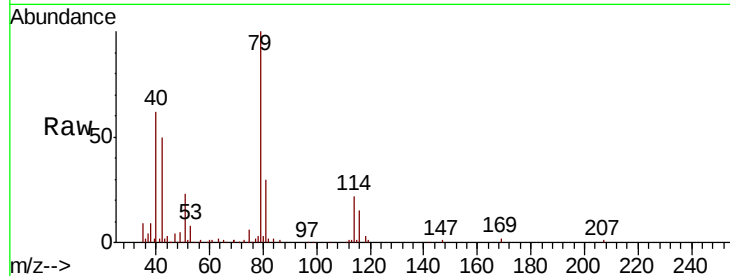
ClientSampleId :

Tot Ion: 75 Resp: 2746

Ion Ratio Lower Upper

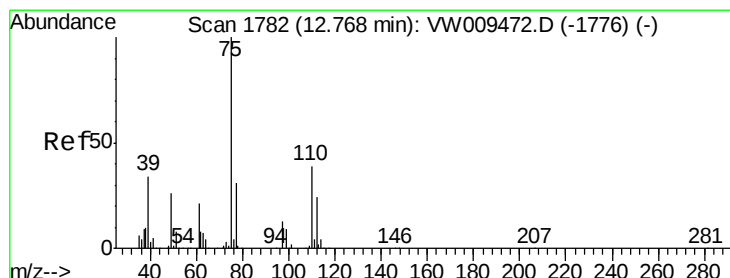
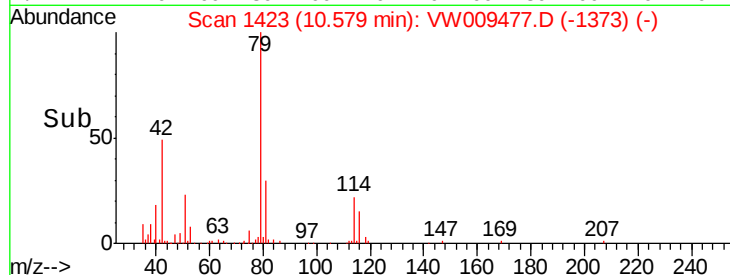
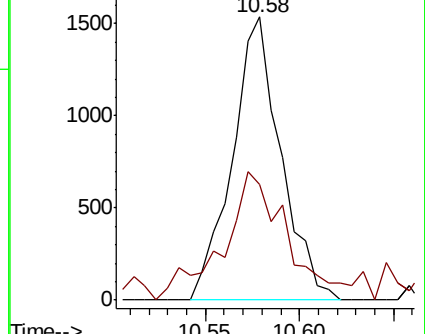
75 100

77 40.8 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.918 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009477.D

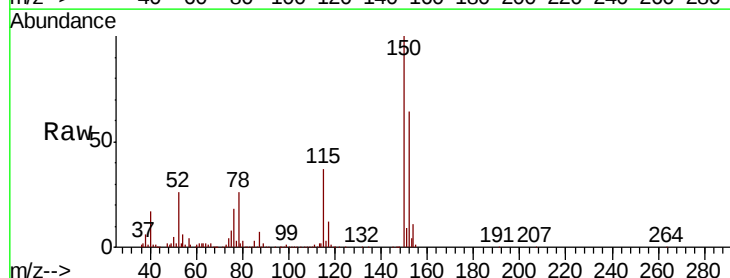
Acq: 26 Mar 2019 21:49

Tgt Ion: 75 Resp: 16842

Ion Ratio Lower Upper

75 100

77 36.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

