

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009388.D
 Acq On : 23 Mar 2019 14:12
 Operator : SY/VA
 Sample : K2048-16
 Misc : 6.14G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 23 22:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 22:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	381794	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	345969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133386	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102870	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
7) Chloroethane-d5	2.89	69	106020	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.44%
10) 1,1-Dichloroethene-d2	4.01	63	168168	17.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.20%
20) 2-Butanone-d5	7.07	46	81114	42.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.98%
24) Chloroform-d	7.65	84	250366	24.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	8.46	65	108	0.02	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	452753	23.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.92%
33) 1,2-Dichloropropane-d6	9.27	67	139929	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.68%
37) Toluene-d8	10.32	98	389518	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.32%
38) trans-1,3-Dichloropropene-	10.58	79	58811	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.72%
39) 2-Hexanone-d5	10.93	63	58592	42.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124963	22.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	122646	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

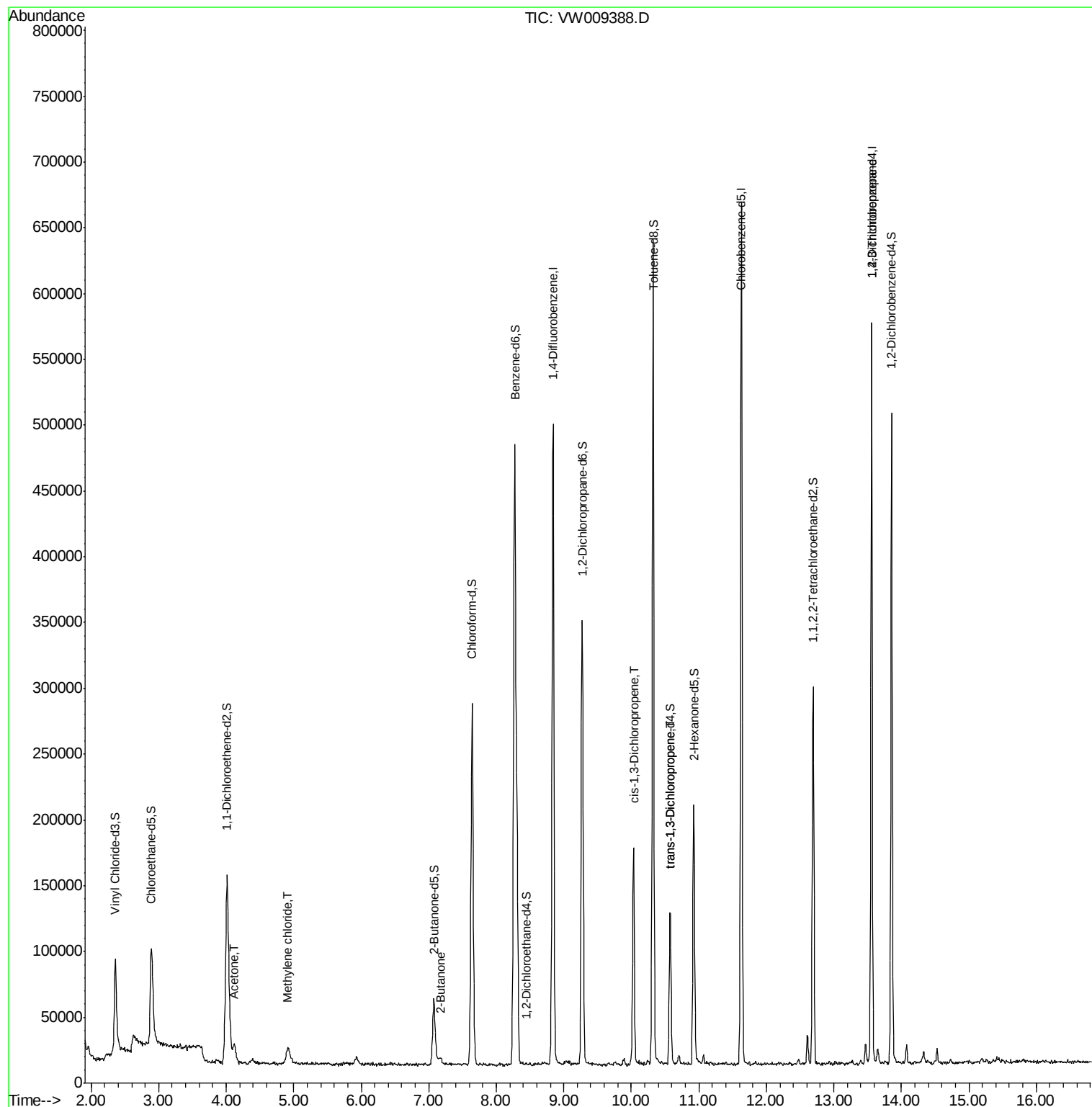
					Ovalue
13) Acetone	4.12	43	22612	14.614	ug/L 98
16) Methylene chloride	4.91	84	5319	0.955	ug/L 92
21) 2-Butanone	7.17	43	4576	2.142	ug/L 98
42) cis-1,3-Dichloropropene	10.03	75	4746	0.600	ug/L # 61
45) trans-1,3-Dichloropropene	10.57	75	3399	0.494	ug/L # 76
59) 1,2,3-Trichloropropane	13.56	75	18080	4.658	ug/L 90

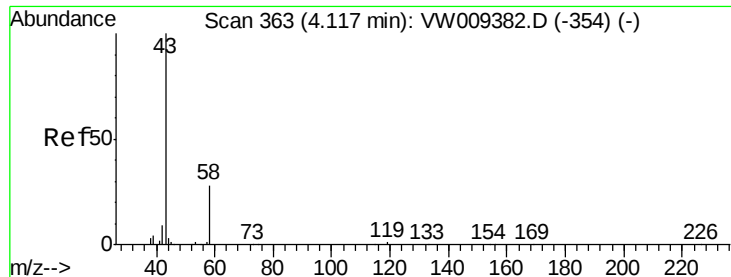
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 22:42:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 14.614 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009388.D

Acq: 23 Mar 2019 14:12

Instrument :

MSVOA_W

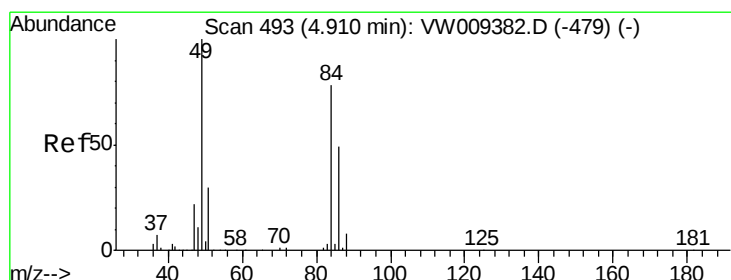
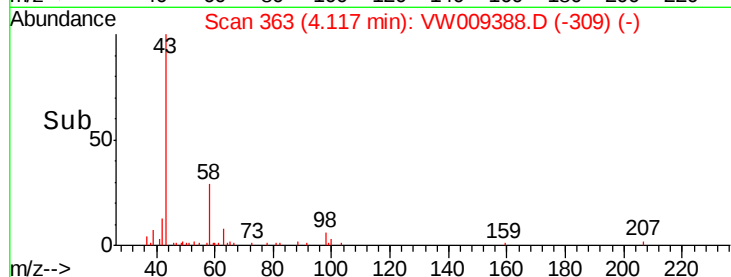
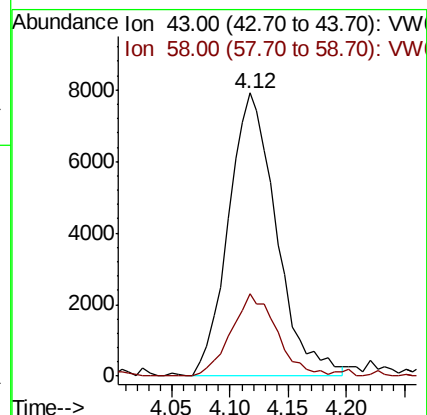
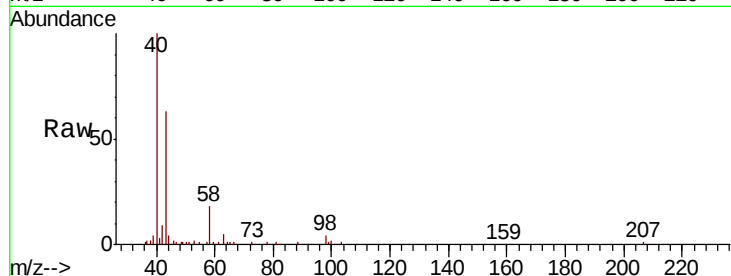
ClientSampleId :

Tot Ion: 43 Resp: 22612

Ion Ratio Lower Upper

43 100

58 27.2 0.0 56.2



#16

Methylene chloride

Concen: 0.955 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW009388.D

Acq: 23 Mar 2019 14:12

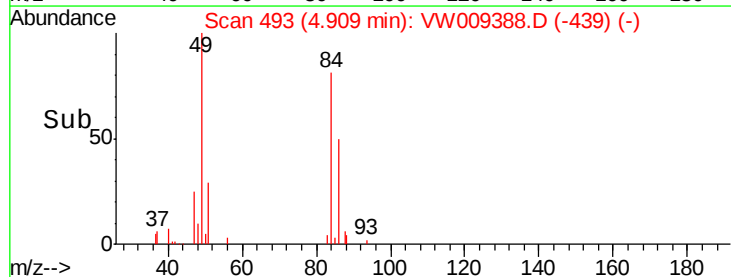
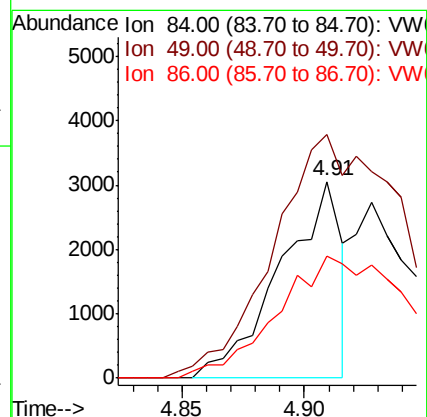
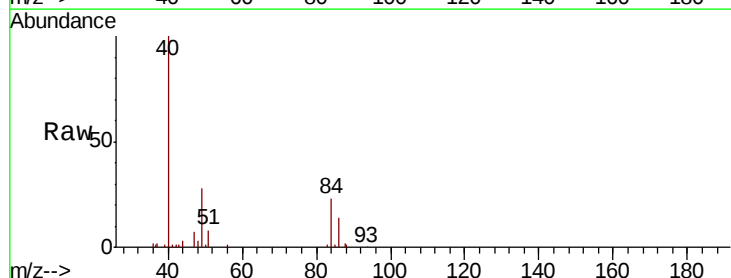
Tgt Ion: 84 Resp: 5319

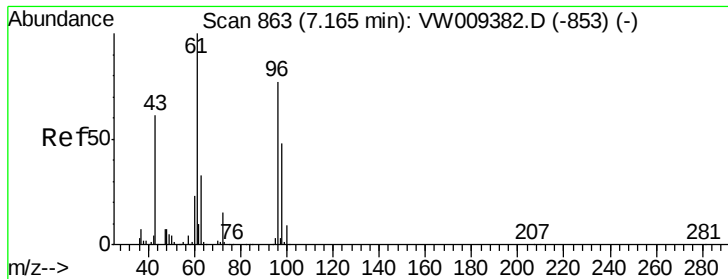
Ion Ratio Lower Upper

84 100

49 123.7 96.0 178.2

86 61.9 44.4 82.5





#21

2-Butanone

Concen: 2.142 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW009388.D

Acq: 23 Mar 2019 14:12

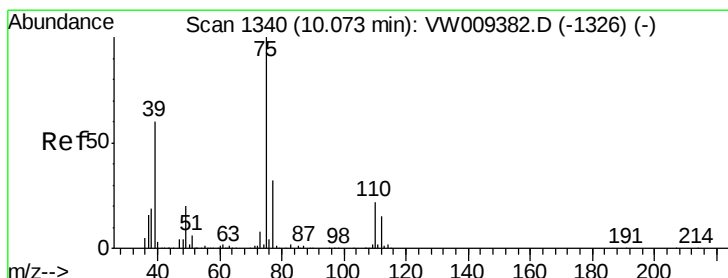
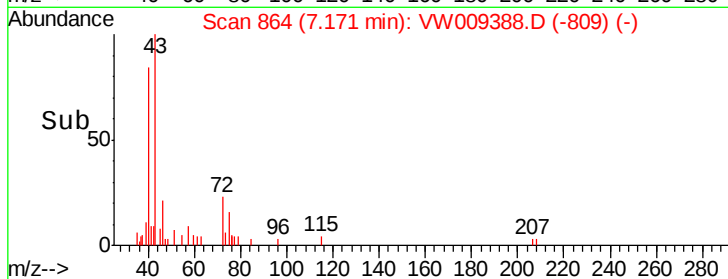
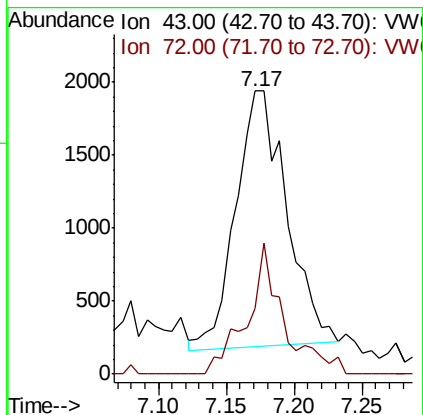
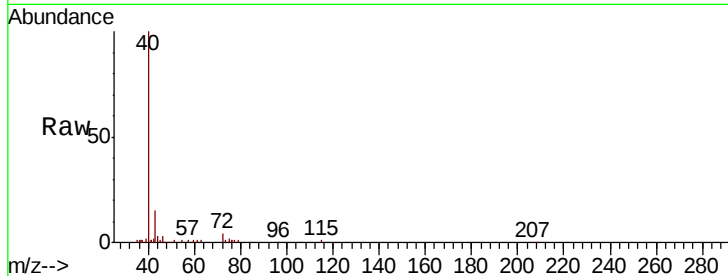
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 4576

Ion Ratio Lower Upper

43 100

72 24.9 13.1 39.1



#42

cis-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009388.D

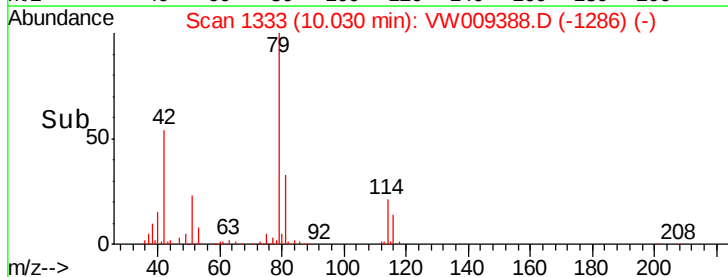
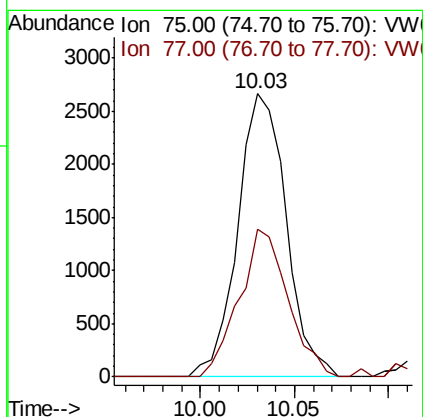
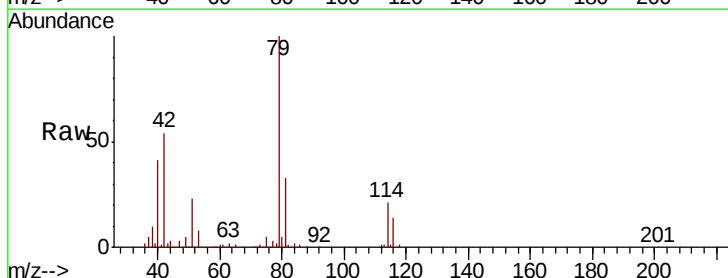
Acq: 23 Mar 2019 14:12

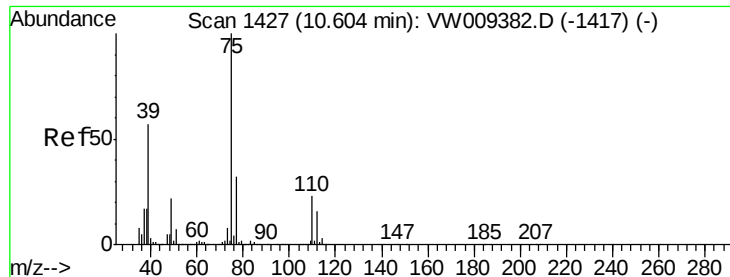
Tgt Ion: 75 Resp: 4746

Ion Ratio Lower Upper

75 100

77 52.2 21.6 40.2#





#45

trans-1,3-Dichloropropene

Concen: 0.494 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009388.D

Acq: 23 Mar 2019 14:12

Instrument :

MSVOA_W

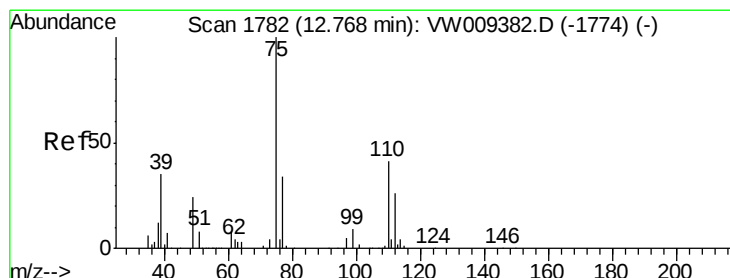
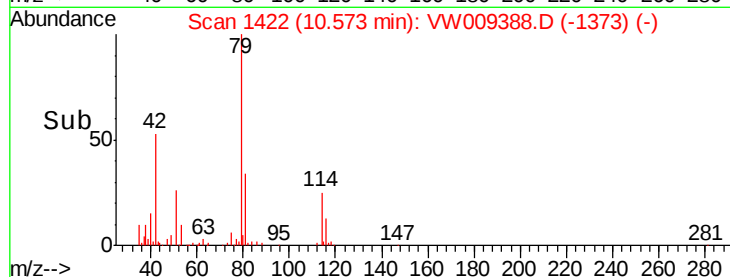
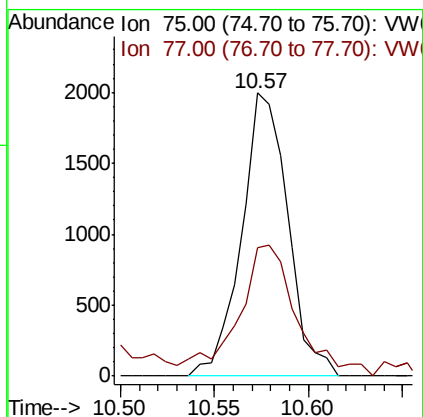
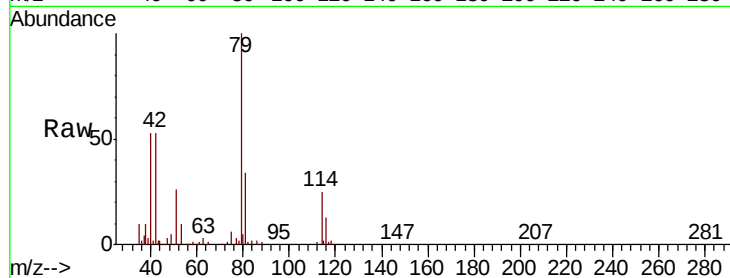
ClientSampleId :

Tot Ion: 75 Resp: 3399

Ion Ratio Lower Upper

75 100

77 45.3 22.5 41.7#



#59

1,2,3-Trichloropropane

Concen: 4.658 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009388.D

Acq: 23 Mar 2019 14:12

Tgt Ion: 75 Resp: 18080

Ion Ratio Lower Upper

75 100

77 38.3 26.2 39.2

