

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009487.D
 Acq On : 27 Mar 2019 02:21
 Operator : SY/VA
 Sample : K2068-07
 Misc : 5.29G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 08:08:54 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	298406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	269959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	85736	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65896	18.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.92%
7) Chloroethane-d5	2.89	69	77690	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.48%
10) 1,1-Dichloroethene-d2	4.01	63	109861	14.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.00%
20) 2-Butanone-d5	7.08	46	68028	46.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.26%
24) Chloroform-d	7.64	84	201376	24.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.92%
26) 1,2-Dichloroethane-d4	8.30	65	120606	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.32%
29) Benzene-d6	8.27	84	329178	22.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.44%
33) 1,2-Dichloropropane-d6	9.27	67	115278	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
37) Toluene-d8	10.32	98	268879	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.12%
38) trans-1,3-Dichloropropene-	10.58	79	40651	18.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.40%
39) 2-Hexanone-d5	10.93	63	46256	42.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102721	23.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	74740	22.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.92%

Target Compounds

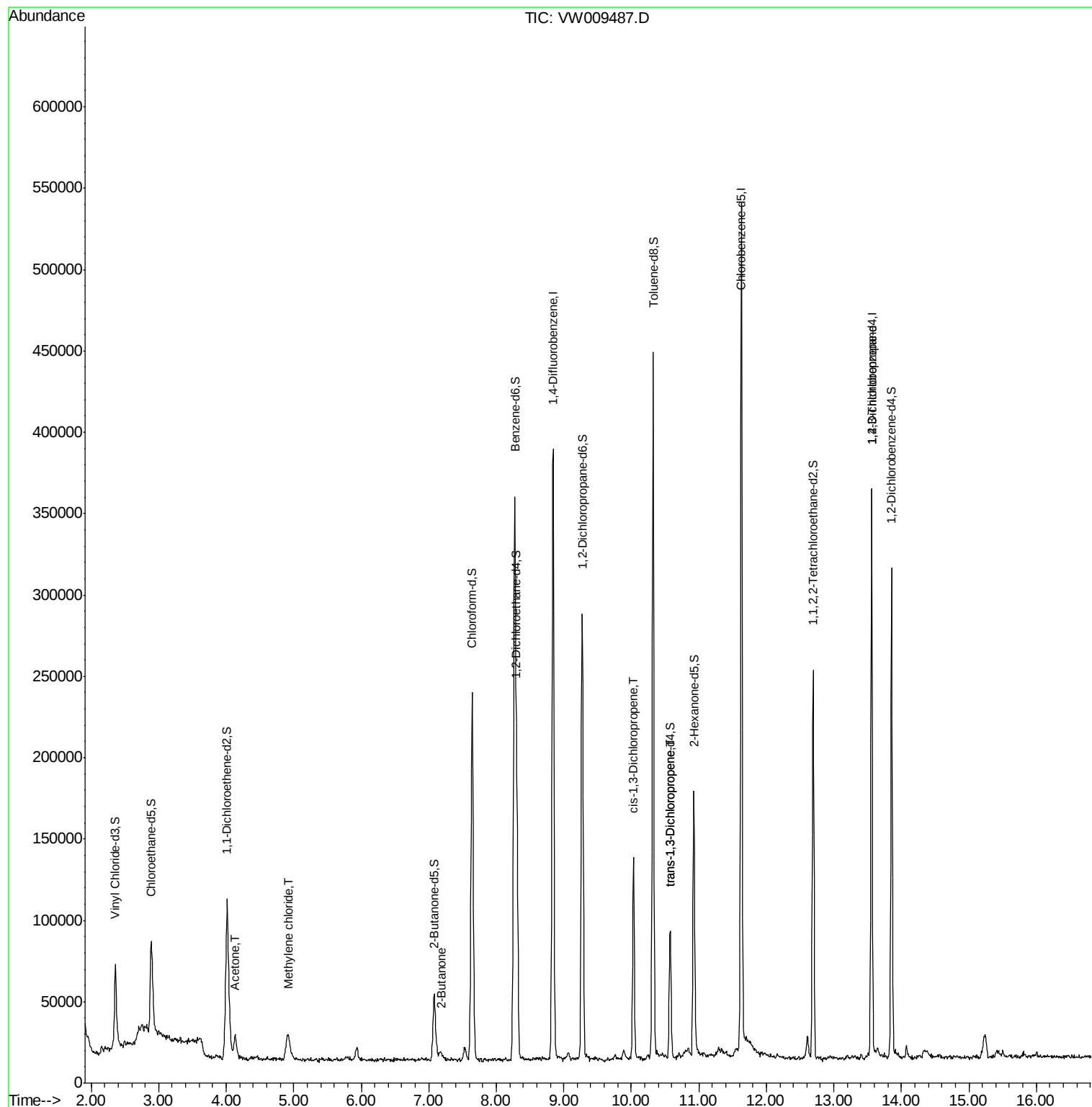
					Ovalue
13) Acetone	4.13	43	23458	19.397 ug/L	98
16) Methylene chloride	4.91	84	9708	2.231 ug/L	95
21) 2-Butanone	7.19	43	4947	2.963 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	3721	0.603 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	2620	0.488 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	11535	3.809 ug/L	90

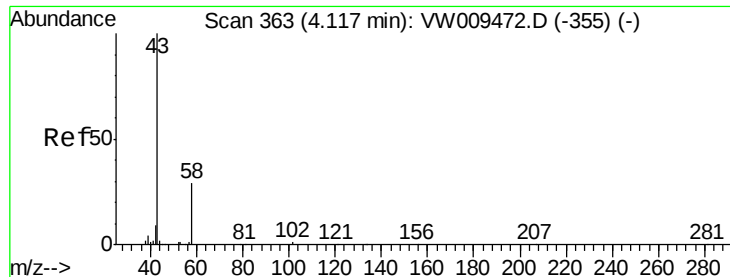
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 19.397 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009487.D

Acq: 27 Mar 2019 02:21

Instrument :

MSVOA_W

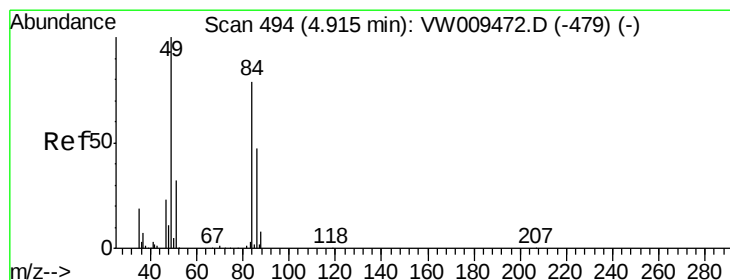
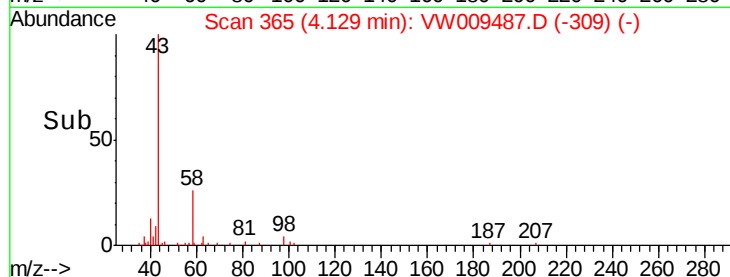
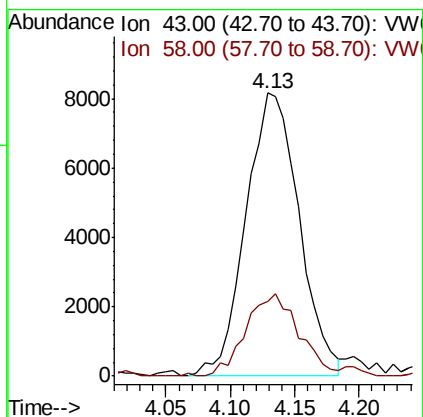
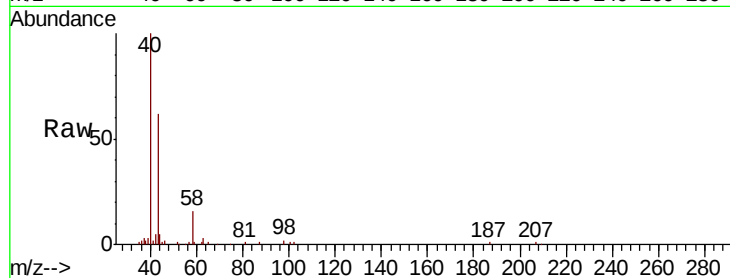
ClientSampleId :

Tot Ion: 43 Resp: 23458

Ion Ratio Lower Upper

43 100 0.0 56.2

58 29.0 0.0 56.2



#16

Methylene chloride

Concen: 2.231 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009487.D

Acq: 27 Mar 2019 02:21

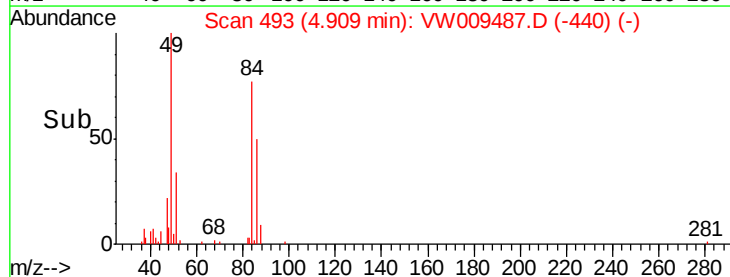
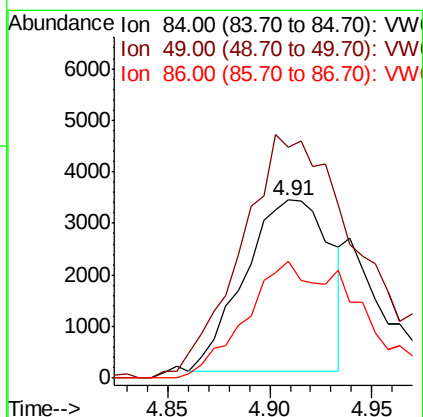
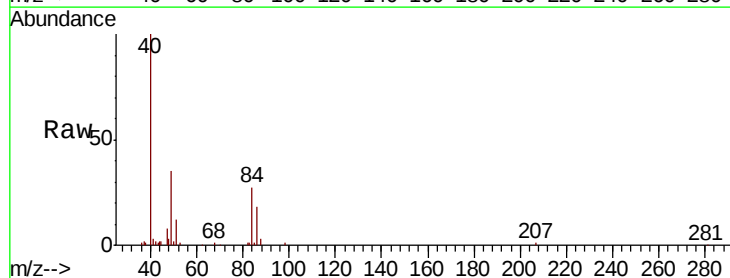
Tgt Ion: 84 Resp: 9708

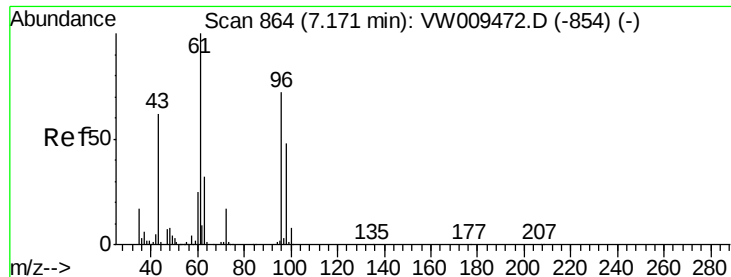
Ion Ratio Lower Upper

84 100 96.0 178.2

49 129.8 44.4 82.5

86 65.4 44.4 82.5





#21

2-Butanone

Concen: 2.963 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW009487.D

Acq: 27 Mar 2019 02:21

Instrument :

MSVOA_W

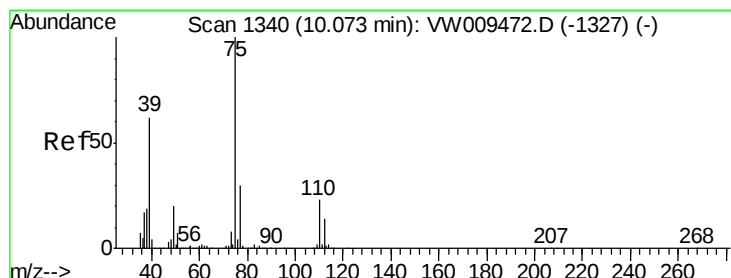
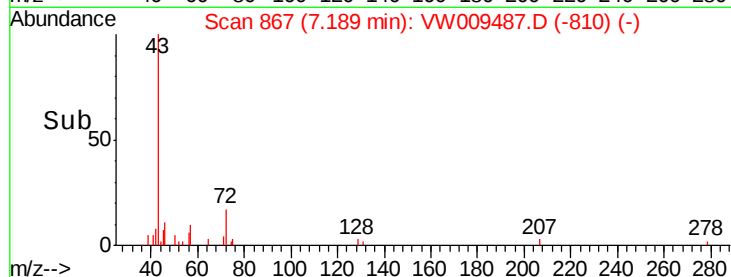
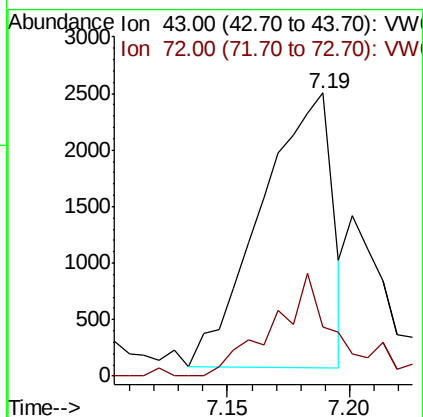
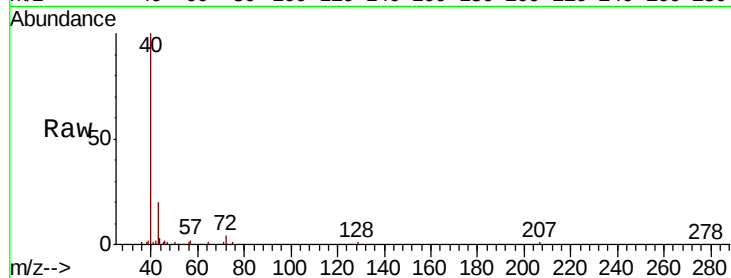
ClientSampled :

Tot Ion: 43 Resp: 4947

Ion Ratio Lower Upper

43 100

72 23.0 13.1 39.1



#42

cis-1,3-Dichloropropene

Concen: 0.603 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009487.D

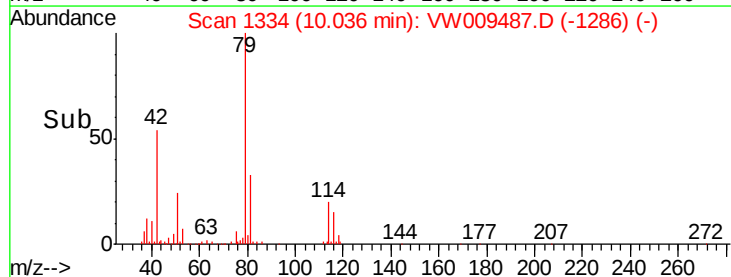
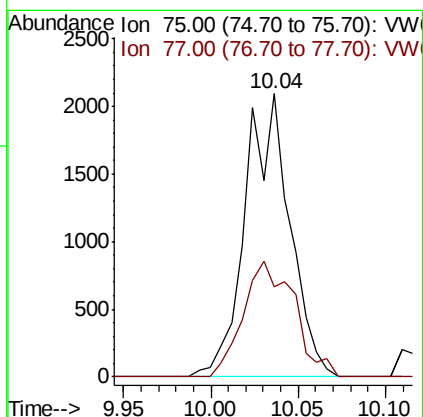
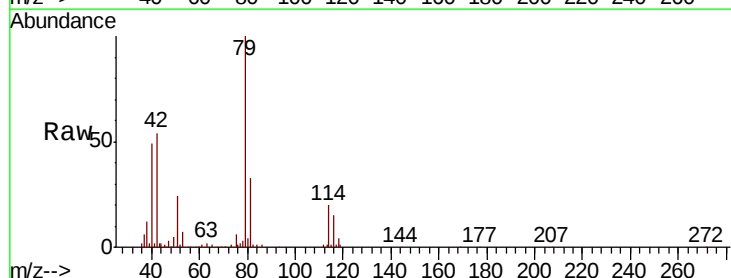
Acq: 27 Mar 2019 02:21

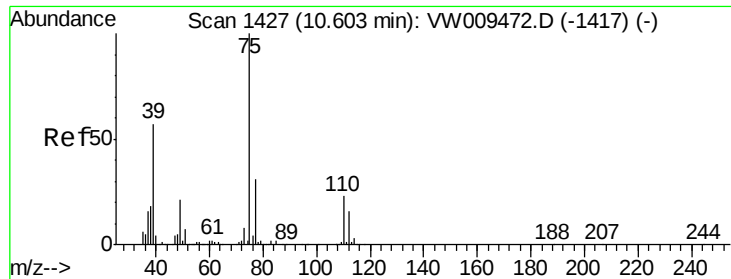
Tgt Ion: 75 Resp: 3721

Ion Ratio Lower Upper

75 100

77 32.0 21.6 40.2





#45

trans-1,3-Dichloropropene

Concen: 0.488 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009487.D

Acq: 27 Mar 2019 02:21

Instrument :

MSVOA_W

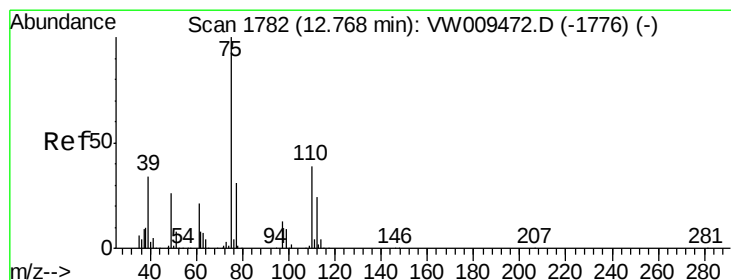
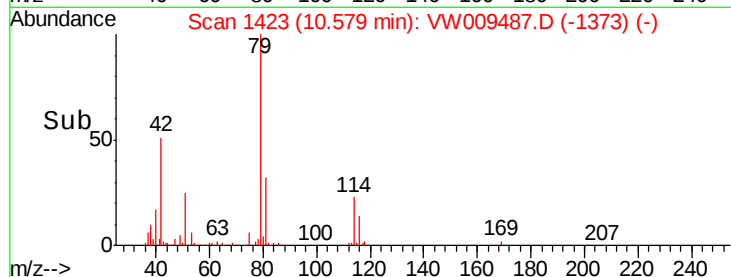
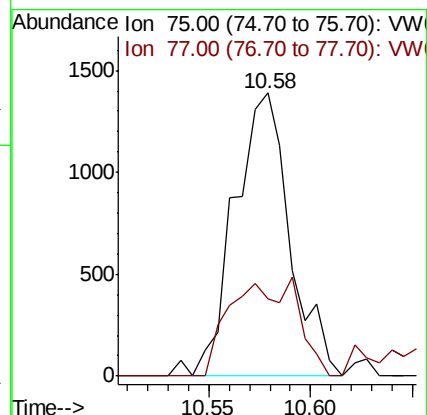
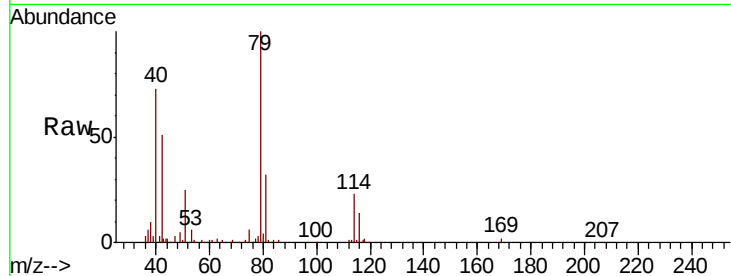
ClientSampled :

Tot Ion: 75 Resp: 2620

Ion Ratio Lower Upper

75 100

77 27.1 22.5 41.7



#59

1,2,3-Trichloropropane

Concen: 3.809 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009487.D

Acq: 27 Mar 2019 02:21

Tgt Ion: 75 Resp: 11535

Ion Ratio Lower Upper

75 100

77 38.6 26.2 39.2

