

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015946.D
 Acq On : 24 Jul 2020 13:38
 Operator : SY/VA
 Sample : L3419-11
 Misc : 5.45G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:17:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	422529	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	332981	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100043	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121032	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.20%
7) Chloroethane-d5	2.90	69	96386	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.60%
10) 1,1-Dichloroethene-d2	4.01	63	179666	14.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.64%
20) 2-Butanone-d5	7.08	46	76239	48.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.36%
24) Chloroform-d	7.65	84	229217	19.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.28%
26) 1,2-Dichloroethane-d4	8.31	65	138217	21.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.88%
29) Benzene-d6	8.27	84	470874	23.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.92%
33) 1,2-Dichloropropane-d6	9.27	67	144278	23.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.96%
37) Toluene-d8	10.33	98	385910	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.08%
38) trans-1,3-Dichloropropene-	10.58	79	54498	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.16%
39) 2-Hexanone-d5	10.93	63	53927	53.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112237	24.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	78924	20.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.92%

Target Compounds

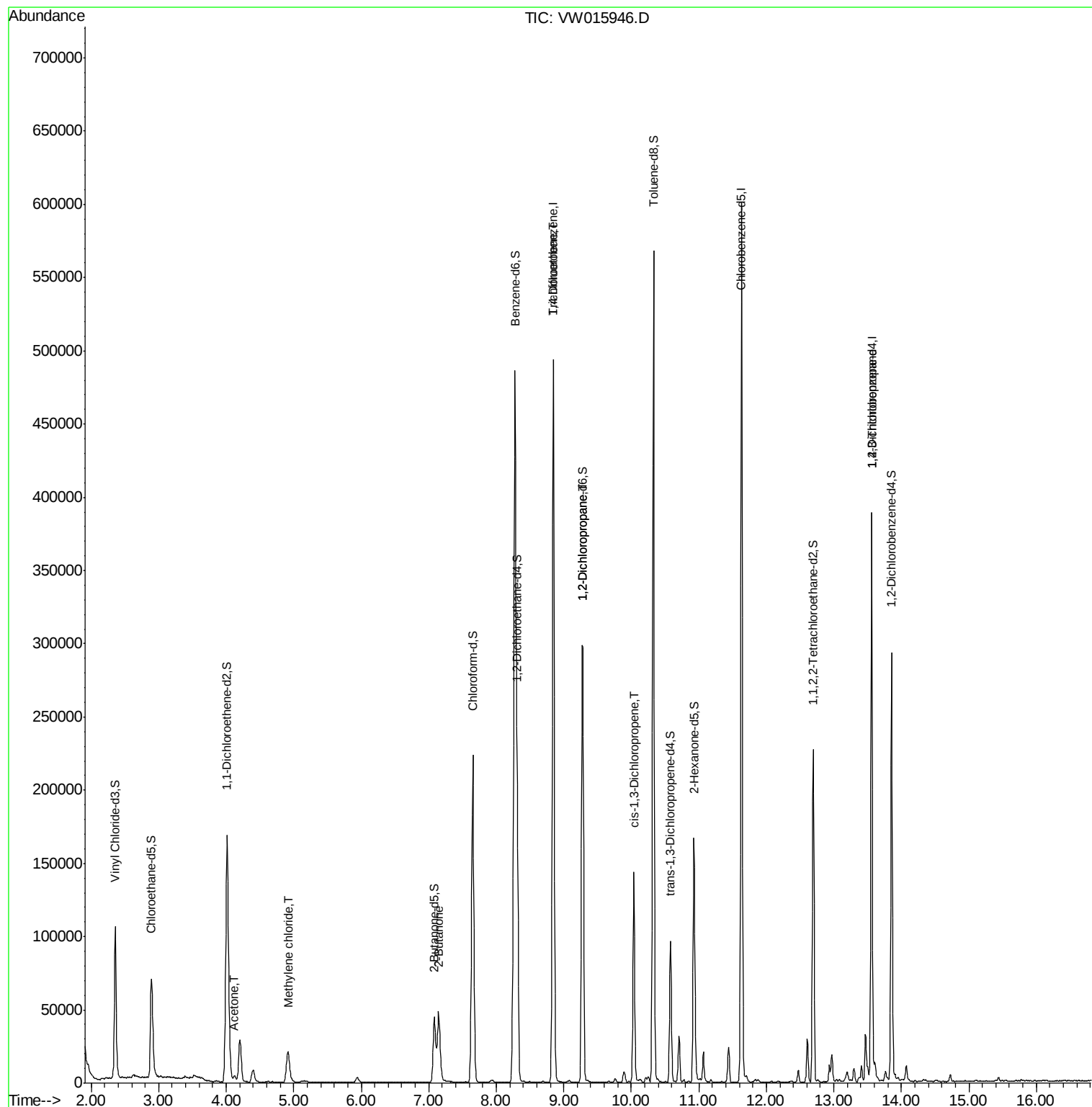
					Ovalue
13) Acetone	4.12	43	6946	5.281 ug/L	88
16) Methylene chloride	4.92	84	17002	2.456 ug/L	90
21) 2-Butanone	7.15	43	7521	4.624 ug/L #	51
35) Trichloroethene	8.84	95	12215	2.283 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	15983	3.190 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	3651	0.478 ug/L #	67
59) 1,2,3-Trichloropropane	13.56	75	12397	3.911 ug/L	95

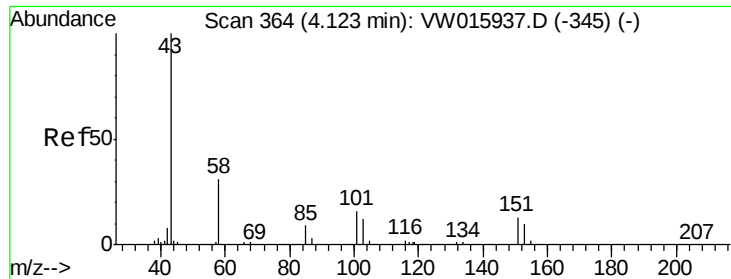
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 05:14:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.281 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015946.D

Acq: 24 Jul 2020 13:38

Instrument :

MSVOA_W

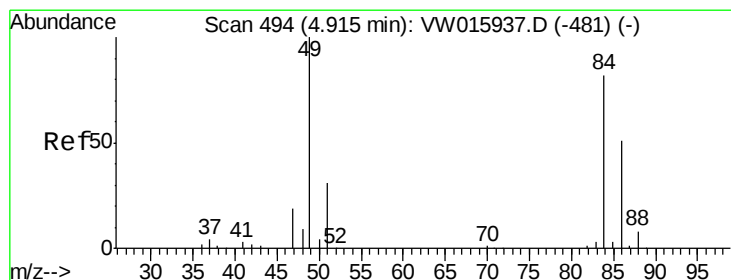
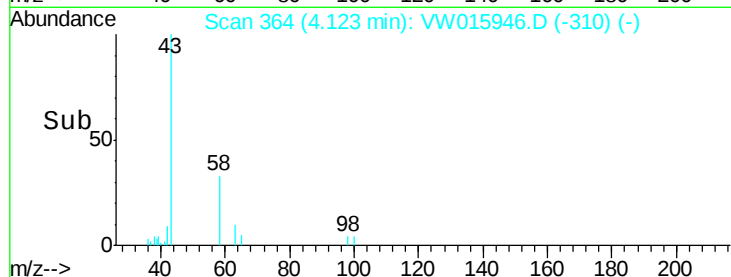
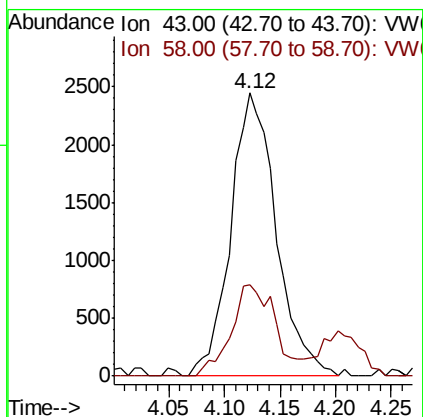
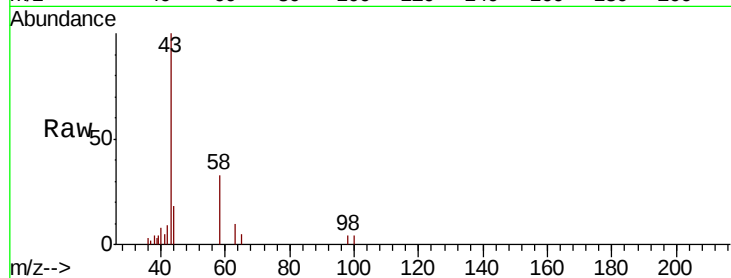
ClientSampled :

Tot Ion: 43 Resp: 6946

Ion Ratio Lower Upper

43 100

58 22.5 0.0 58.2



#16

Methylene chloride

Concen: 2.456 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015946.D

Acq: 24 Jul 2020 13:38

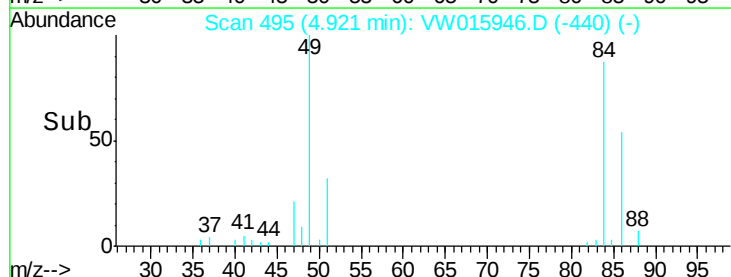
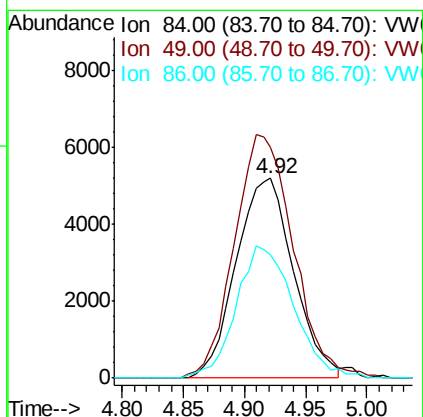
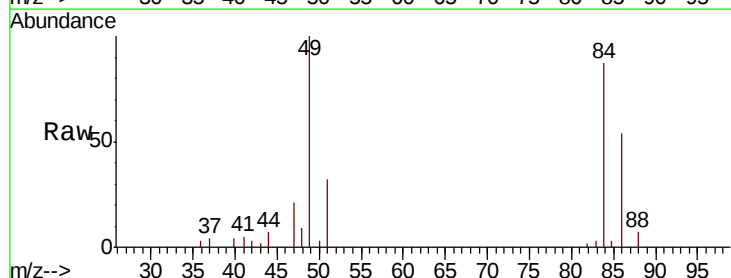
Tgt Ion: 84 Resp: 17002

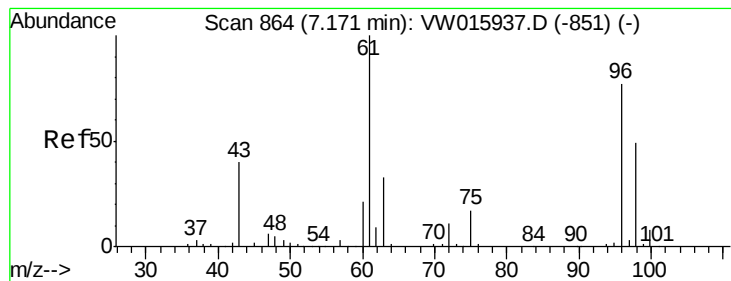
Ion Ratio Lower Upper

84 100

49 115.4 91.1 169.1

86 62.0 46.0 85.4





#21

2-Butanone

Concen: 4.624 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW015946.D

Acq: 24 Jul 2020 13:38

Instrument :

MSVOA_W

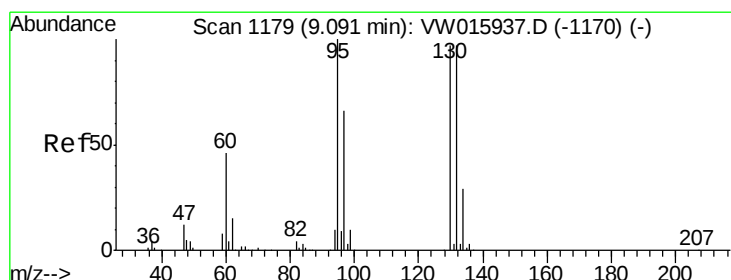
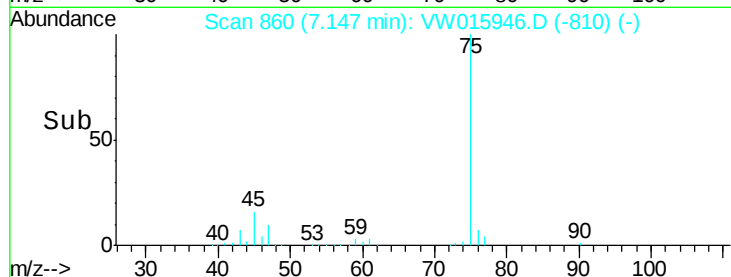
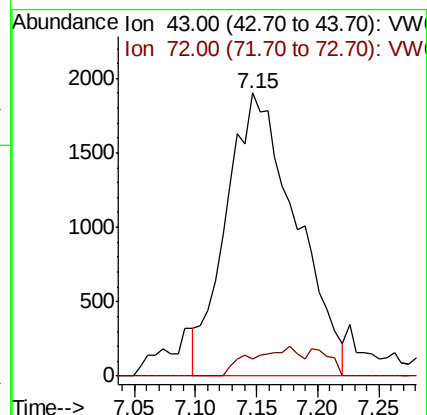
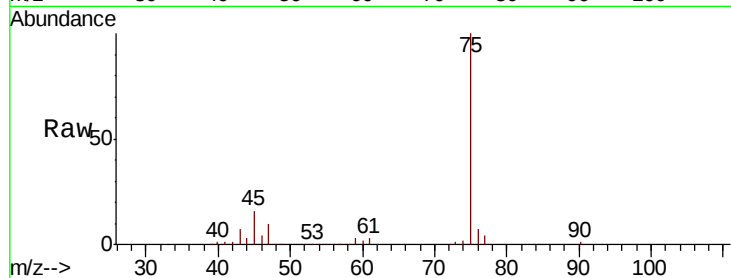
ClientSampleId :

Tot Ion: 43 Resp: 7521

Ion Ratio Lower Upper

43 100

72 2.1 13.9 41.7#



#35

Trichloroethene

Concen: 2.283 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015946.D

Acq: 24 Jul 2020 13:38

Tgt Ion: 95 Resp: 12215

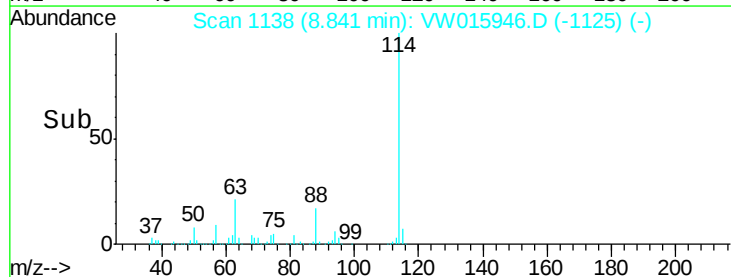
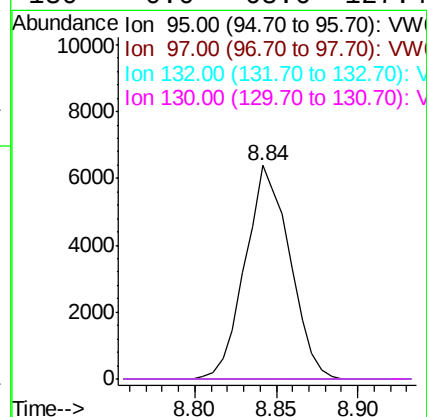
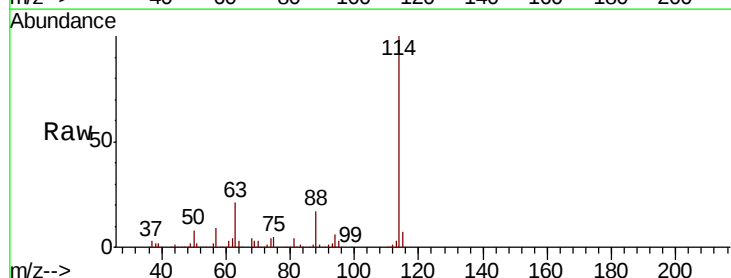
Ion Ratio Lower Upper

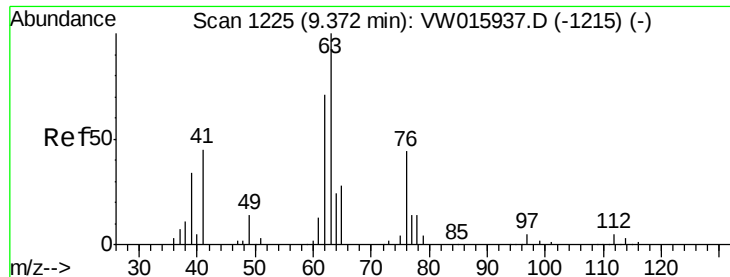
95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#





#40

1,2-Dichloropropane

Concen: 3.190 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015946.D

Acq: 24 Jul 2020 13:38

Instrument :

MSVOA_W

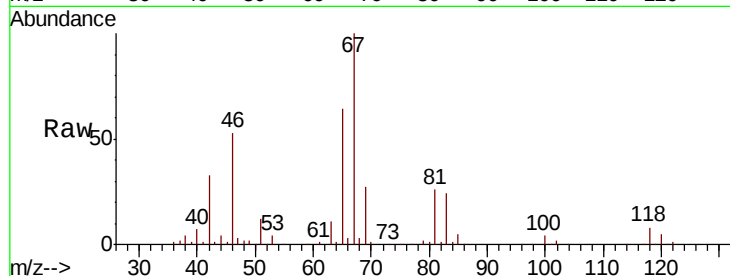
ClientSampleId :

Tot Ion: 63 Resp: 15983

Ion Ratio Lower Upper

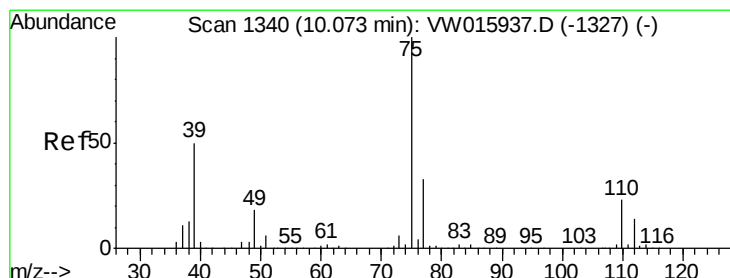
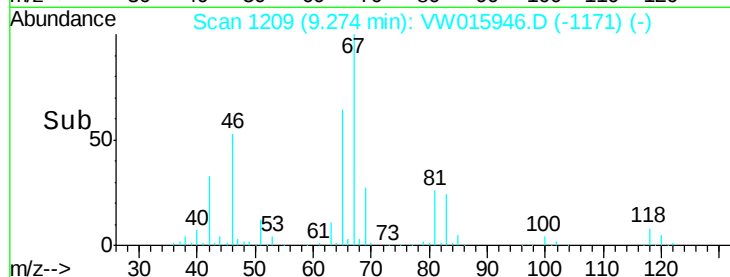
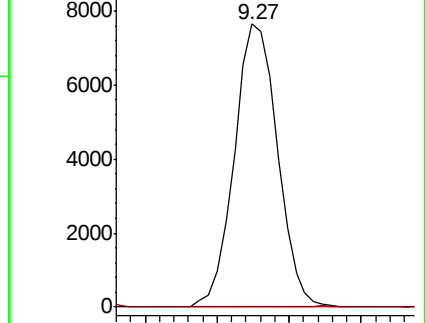
63 100

112 0.6 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.478 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015946.D

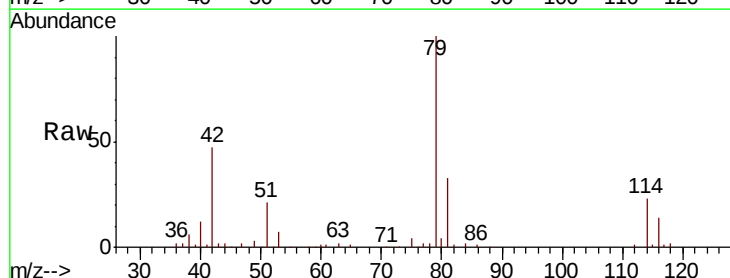
Acq: 24 Jul 2020 13:38

Tgt Ion: 75 Resp: 3651

Ion Ratio Lower Upper

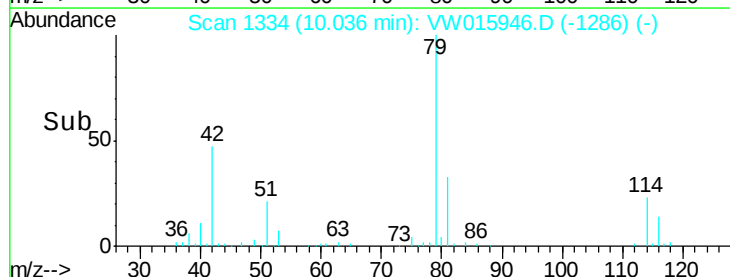
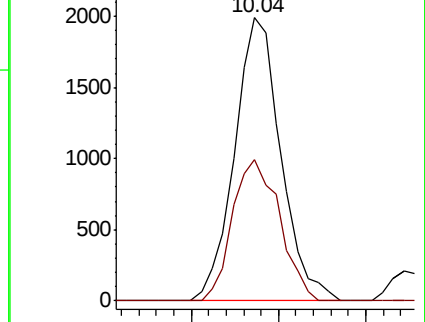
75 100

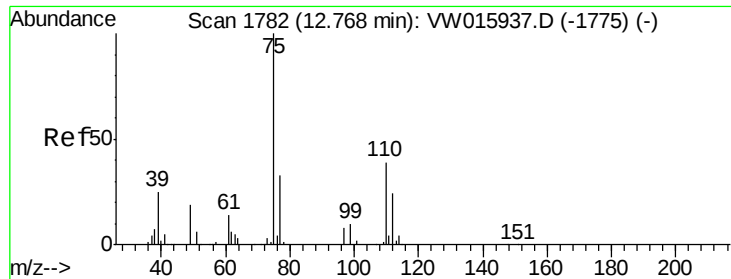
77 50.0 22.2 41.2#



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: 3.911 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015946.D

Acq: 24 Jul 2020 13:38

Instrument :

MSVOA_W

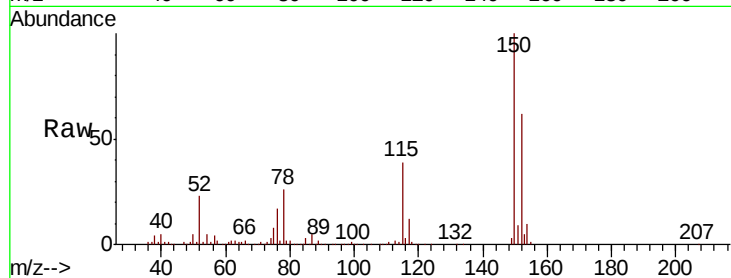
ClientSampleId :

Tot Ion: 75 Resp: 12397

Ion Ratio Lower Upper

75 100

77 35.5 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

