

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015979.D
 Acq On : 28 Jul 2020 13:18
 Operator : SY/VA
 Sample : L3458-11
 Misc : 4.60G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 04:40:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 29 04:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	527325	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	496329	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219985	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136499	18.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.36%
7) Chloroethane-d5	2.90	69	111051	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
10) 1,1-Dichloroethene-d2	4.02	63	214460	14.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.04%
20) 2-Butanone-d5	7.09	46	83649	42.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.60%
24) Chloroform-d	7.66	84	287447	19.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.64%
26) 1,2-Dichloroethane-d4	8.31	65	157635	19.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.56%
29) Benzene-d6	8.28	84	580774	19.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.88%
33) 1,2-Dichloropropane-d6	9.28	67	179417	19.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.24%
37) Toluene-d8	10.33	98	509164	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.44%
38) trans-1,3-Dichloropropene-	10.58	79	73254	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.92%
39) 2-Hexanone-d5	10.93	63	66736	44.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.50%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	146791	21.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	181467	21.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.64%

Target Compounds

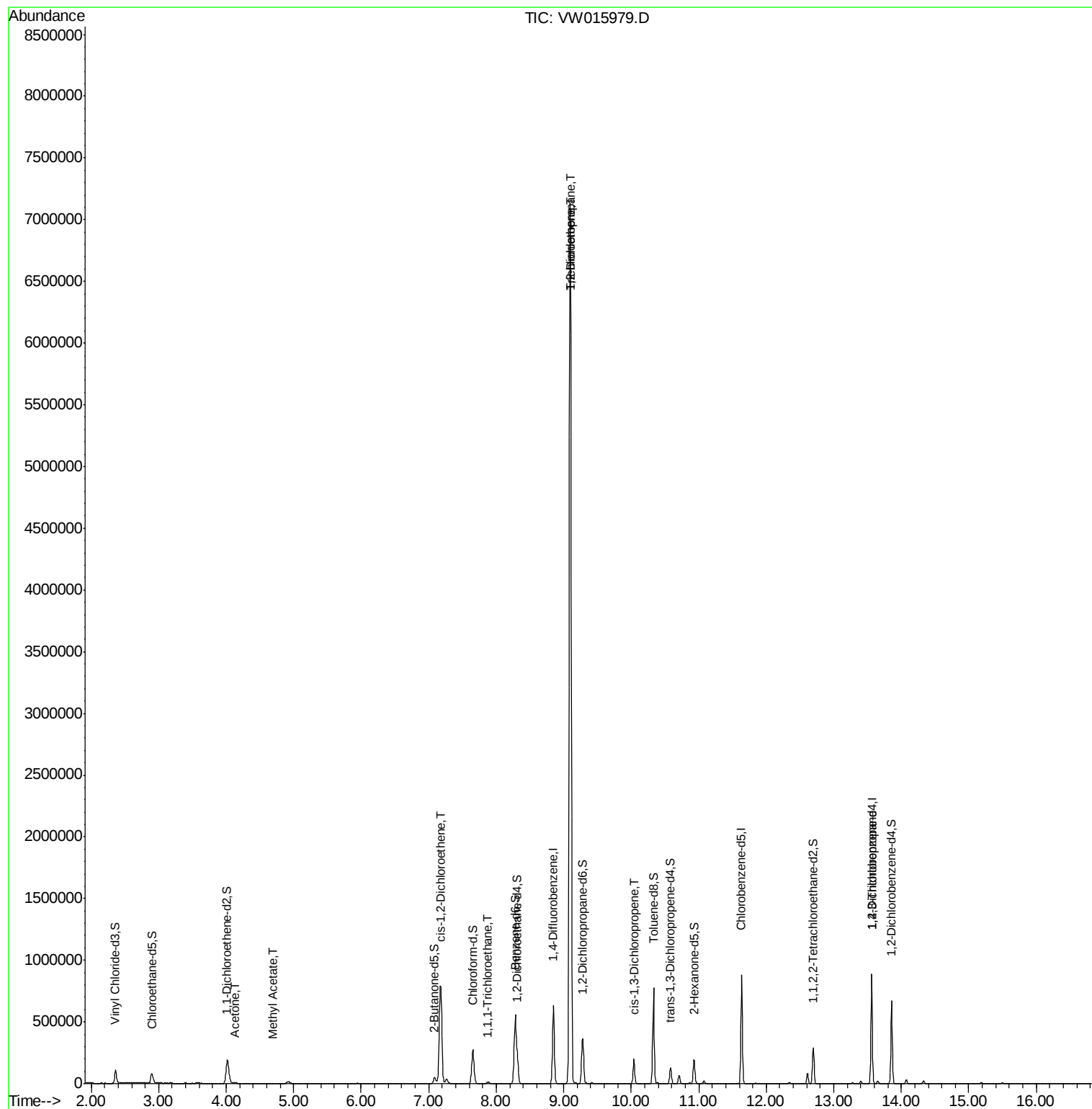
					Ovalue
13) Acetone	4.14	43	17325	10.555 ug/L	98
15) Methyl Acetate	4.68	43	2503	0.809 ug/L #	77
22) cis-1,2-Dichloroethene	7.17	96	487300	65.067 ug/L	96
31) 1,1,1-Trichloroethane	7.88	97	9610	0.829 ug/L	99
35) Trichloroethene	9.09	95	2585593	324.240 ug/L	98
40) 1,2-Dichloropropane	9.09	63	8638	1.157 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	4565	0.401 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	26979	5.710 ug/L	92

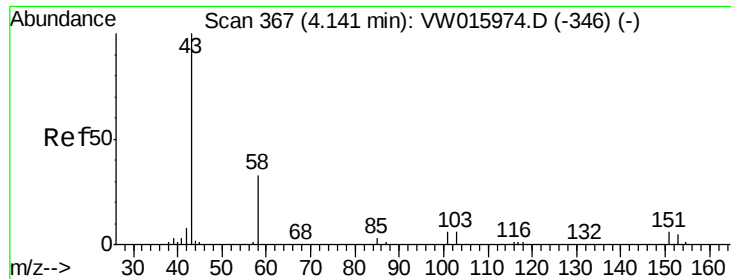
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 29 04:38:00 2020
Response via : Initial Calibration





#13

Acetone

Concen: 10.555 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW015979.D

Acq: 28 Jul 2020 13:18

Instrument :

MSVOA_W

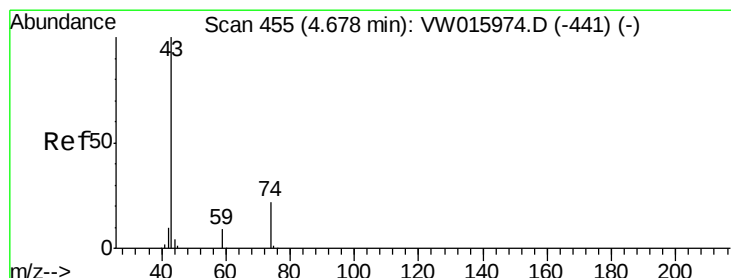
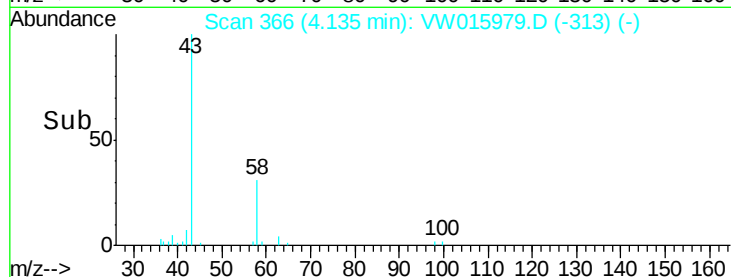
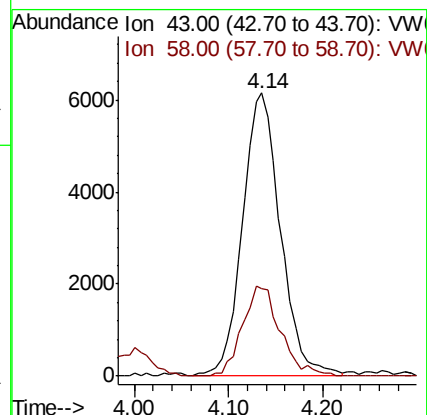
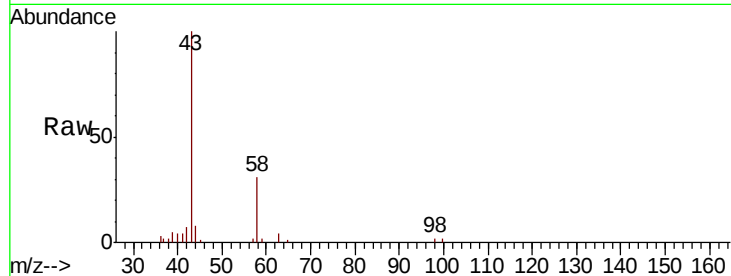
ClientSampleId :

Tot Ion: 43 Resp: 17325

Ion Ratio Lower Upper

43 100

58 30.4 0.0 58.2



#15

Methyl Acetate

Concen: 0.809 ug/L

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW015979.D

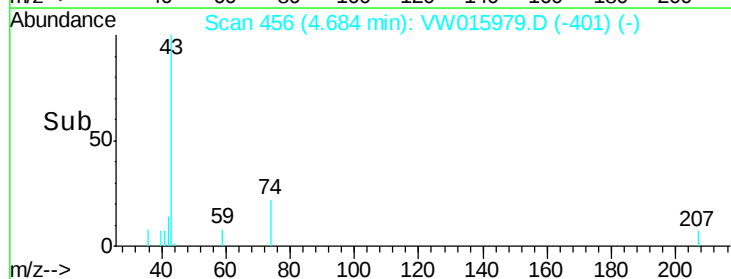
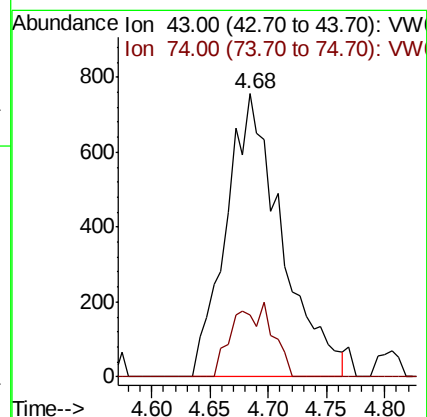
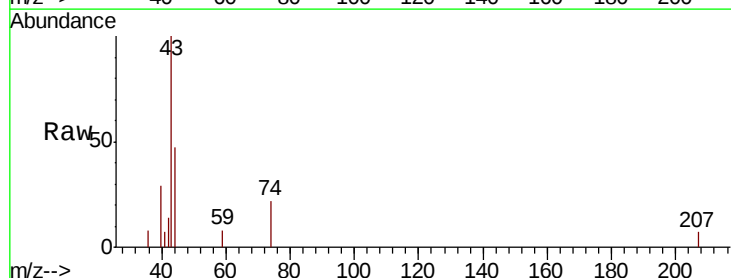
Acq: 28 Jul 2020 13:18

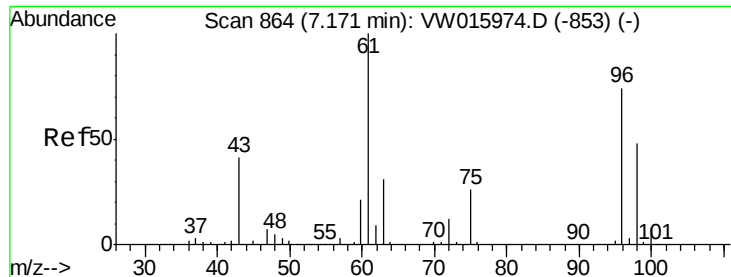
Tgt Ion: 43 Resp: 2503

Ion Ratio Lower Upper

43 100

74 11.7 18.2 27.2#



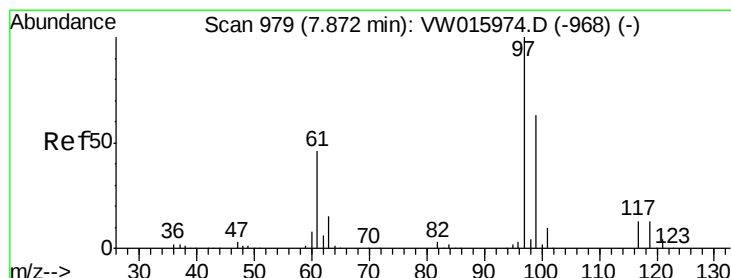
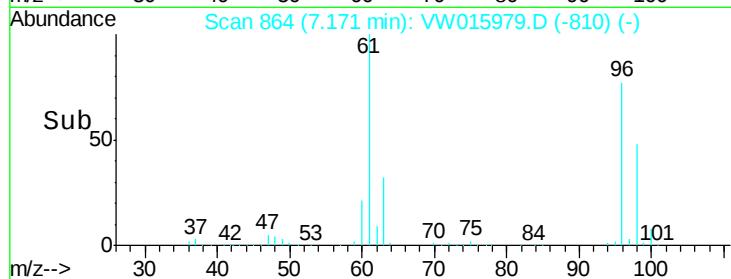
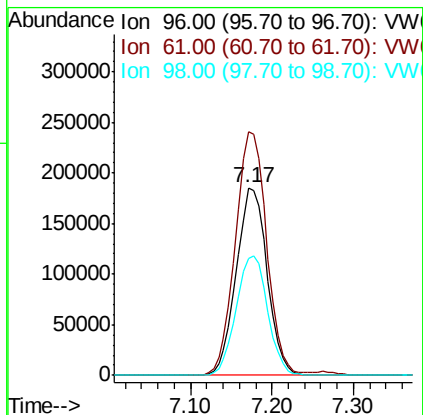
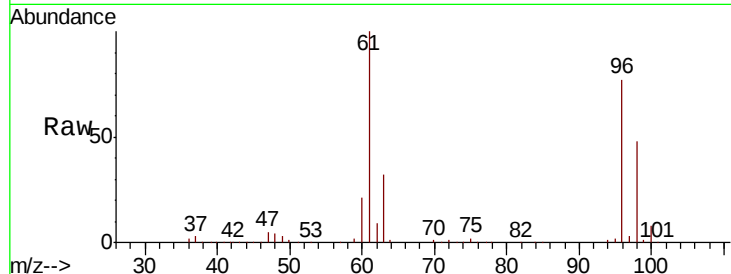


#22

cis-1,2-Dichloroethene
 Concen: 65.067 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015979.D
 Acq: 28 Jul 2020 13:18

Instrument :
 MSVOA_W
 ClientSampled :

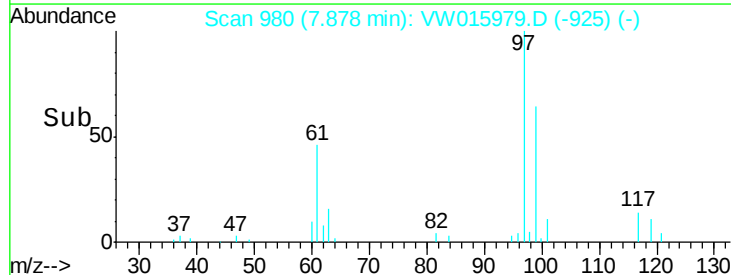
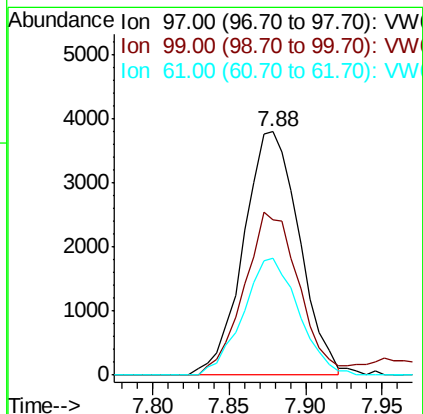
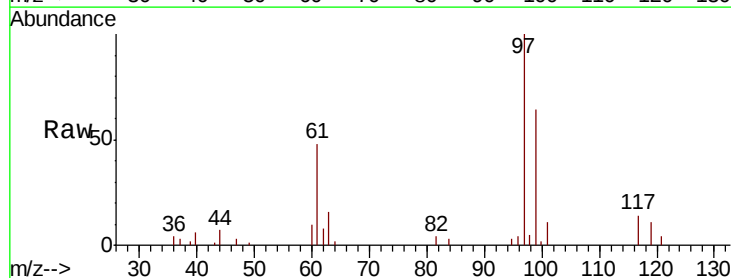
Tot Ion: 96 Resp: 487300
 Ion Ratio Lower Upper
 96 100
 61 129.6 94.6 175.8
 98 62.1 44.3 82.3

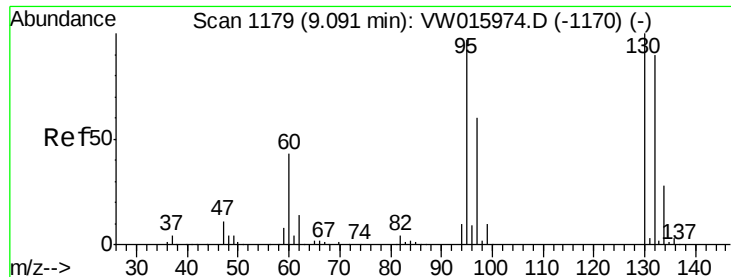


#31

1,1,1-Trichloroethane
 Concen: 0.829 ug/L
 RT: 7.88 min Scan# 980
 Delta R.T. 0.01 min
 Lab File: VW015979.D
 Acq: 28 Jul 2020 13:18

Tgt Ion: 97 Resp: 9610
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.9 77.9
 61 47.9 37.6 56.4





#35

Trichloroethene

Concen: 324.240 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015979.D

Acq: 28 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 2585593

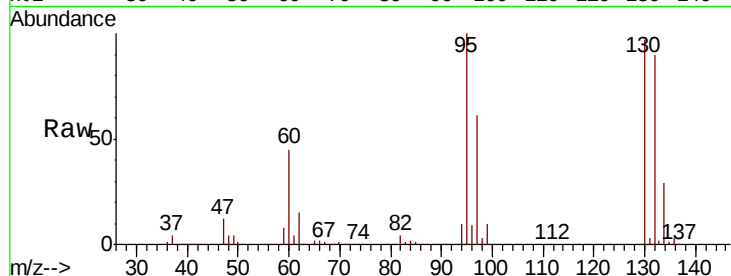
Ion Ratio Lower Upper

95 100

97 63.8 44.4 82.4

132 96.9 65.1 120.9

130 99.1 68.6 127.4



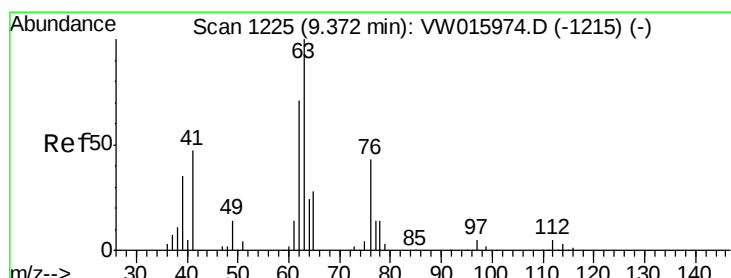
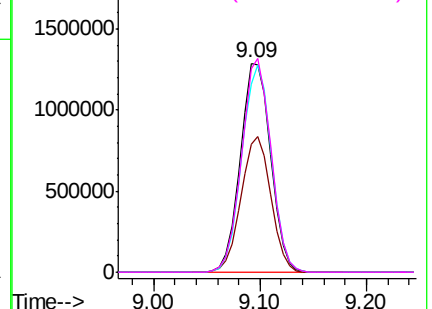
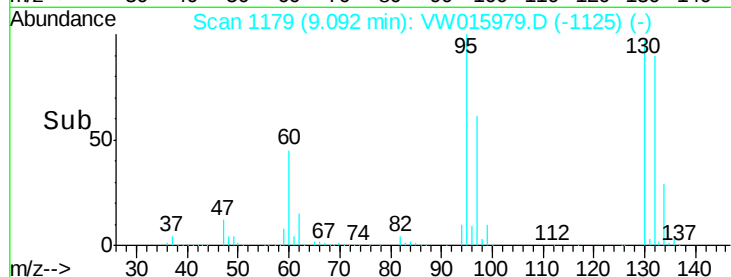
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 1.157 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.28 min

Lab File: VW015979.D

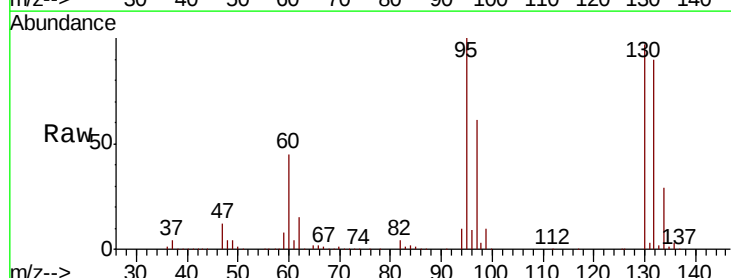
Acq: 28 Jul 2020 13:18

Tgt Ion: 63 Resp: 8638

Ion Ratio Lower Upper

63 100

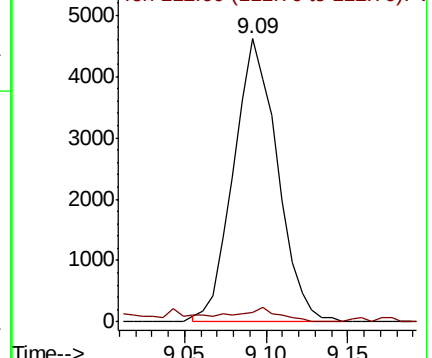
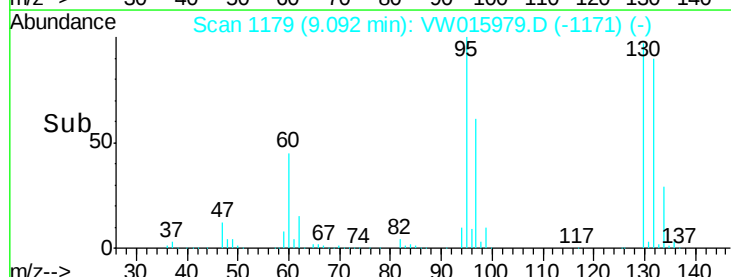
112 3.8 3.7 5.5

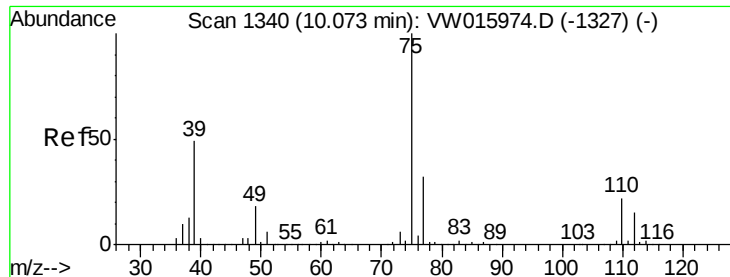


Abundance

Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.401 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015979.D

Acq: 28 Jul 2020 13:18

Instrument :

MSVOA_W

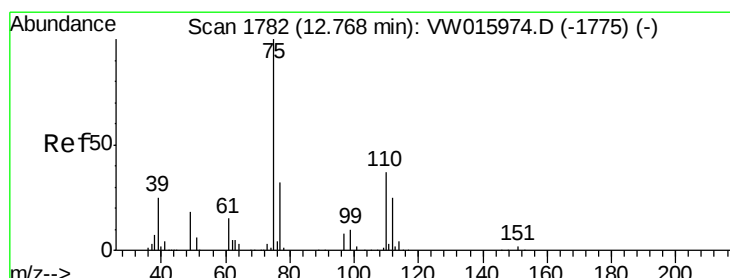
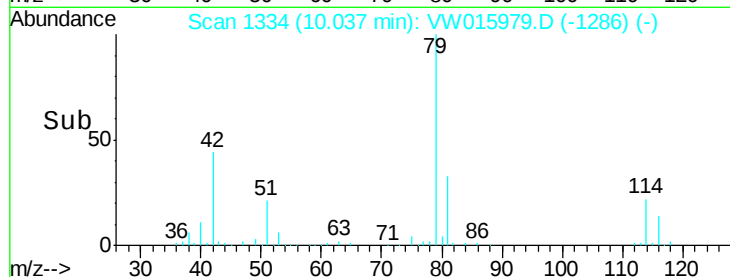
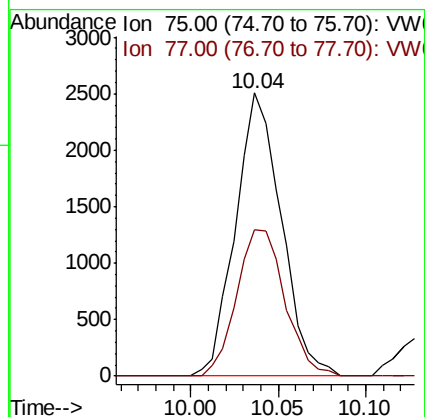
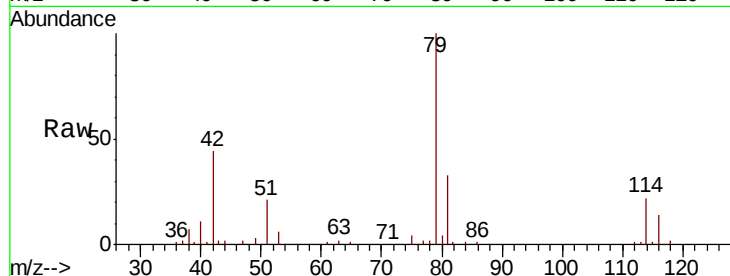
ClientSampled :

Tot Ion: 75 Resp: 4565

Ion Ratio Lower Upper

75 100

77 52.0 22.2 41.2#



#59

1,2,3-Trichloropropane

Concen: 5.710 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015979.D

Acq: 28 Jul 2020 13:18

Tgt Ion: 75 Resp: 26979

Ion Ratio Lower Upper

75 100

77 37.0 26.0 39.0

