

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015914.D
 Acq On : 22 Jul 2020 19:30
 Operator : SY/VA
 Sample : L3388-20
 Misc : 4.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE7

Quant Time: Jul 23 03:07:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	340136	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315891	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125229	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	106960	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.16%
7) Chloroethane-d5	2.89	69	82992	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.16%
10) 1,1-Dichloroethene-d2	4.01	63	156106	16.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.36%
20) 2-Butanone-d5	7.08	46	64982	51.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.08%
24) Chloroform-d	7.65	84	198411	20.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.08%
26) 1,2-Dichloroethane-d4	8.30	65	123335	23.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.08%
29) Benzene-d6	8.28	84	398981	20.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.00%
33) 1,2-Dichloropropane-d6	9.27	67	122912	21.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.28%
37) Toluene-d8	10.33	98	346494	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.56%
38) trans-1,3-Dichloropropene-	10.58	79	49010	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.80%
39) 2-Hexanone-d5	10.93	63	44507	46.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106265	23.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	108390	22.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.80%

Target Compounds

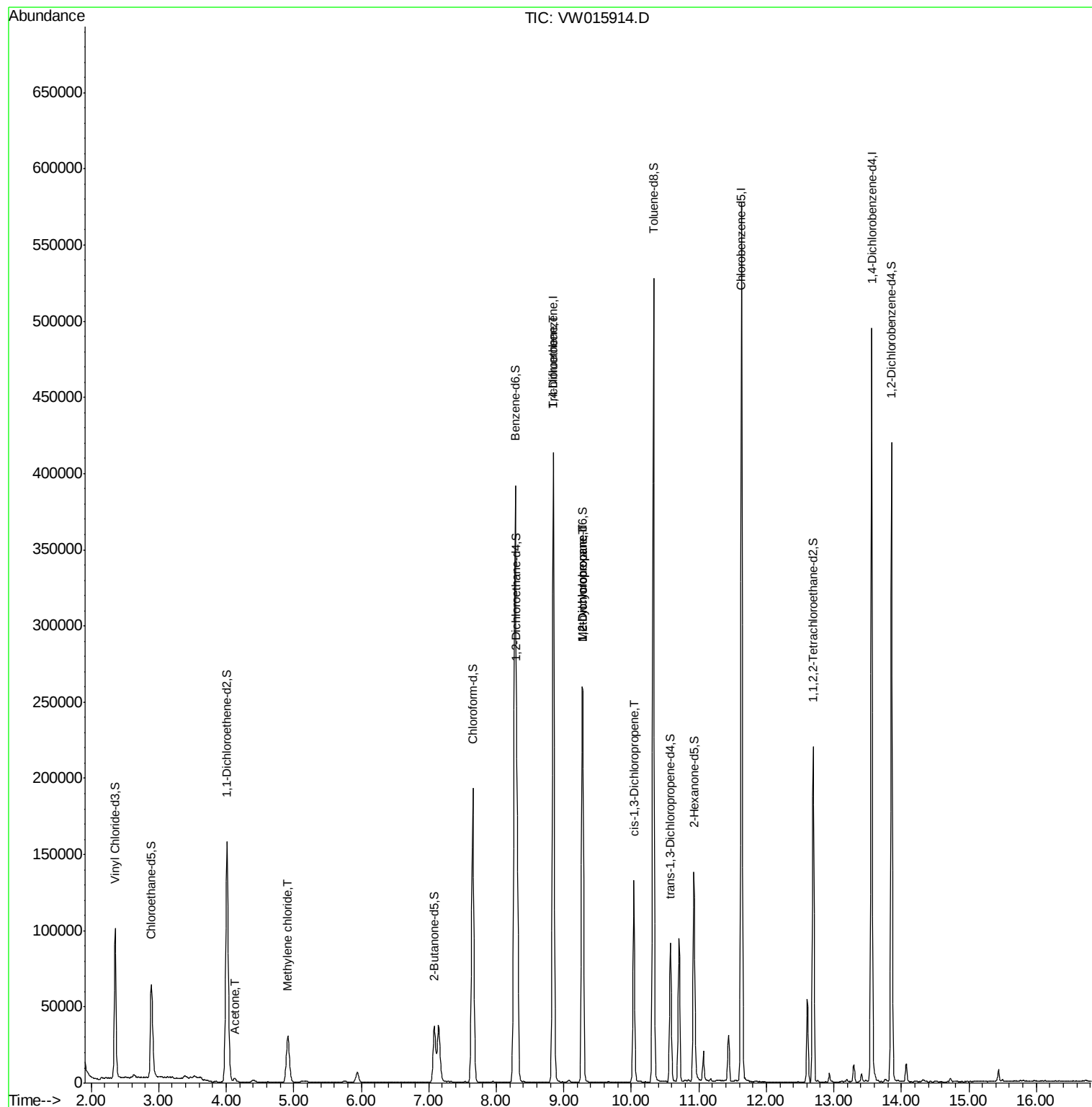
					Ovalue
13) Acetone	4.13	43	4137	3.907 ug/L	69
16) Methylene chloride	4.91	84	23322	4.184 ug/L	98
35) Trichloroethene	8.84	95	10398	2.049 ug/L #	6
36) Methylcyclohexane	9.28	83	30293	3.478 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	13948	2.935 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3172	0.438 ug/L #	56

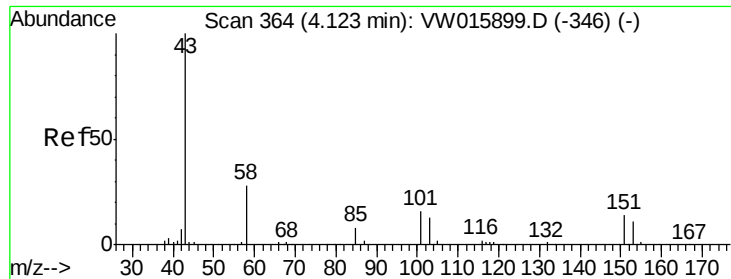
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jul 23 03:03:27 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.907 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 22 Jul 2020 19:30

Instrument :

MSVOA_W

ClientSampleId :

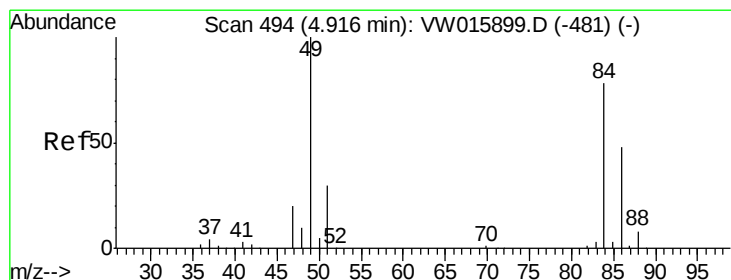
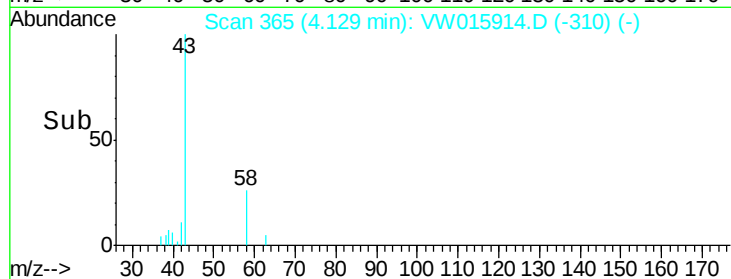
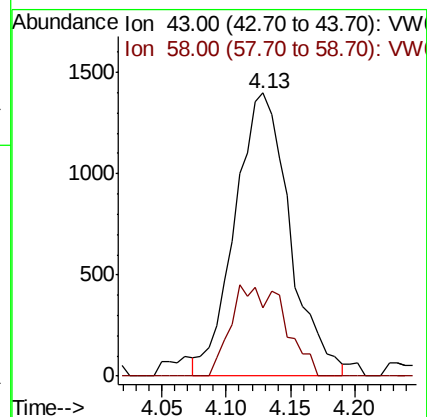
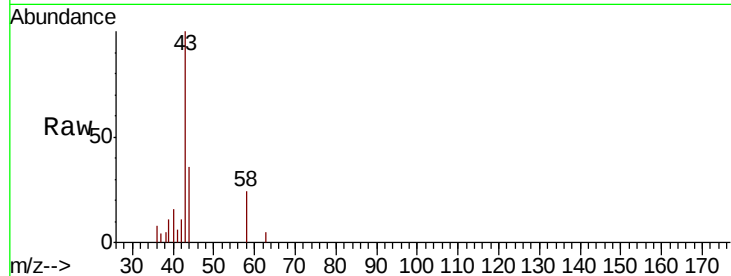
C0AE7

Tot Ion: 43 Resp: 4137

Ion Ratio Lower Upper

43 100

58 12.5 0.0 58.2



#16

Methylene chloride

Concen: 4.184 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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Acq: 22 Jul 2020 19:30

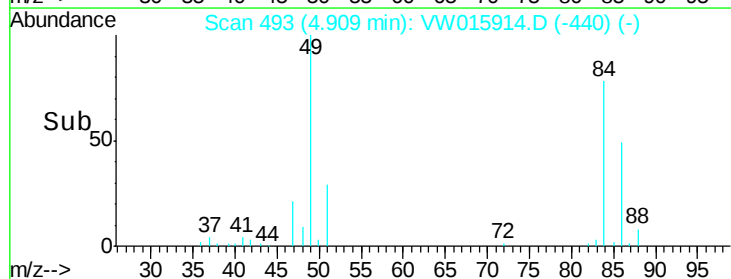
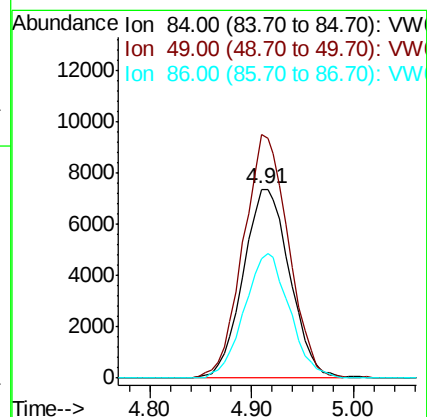
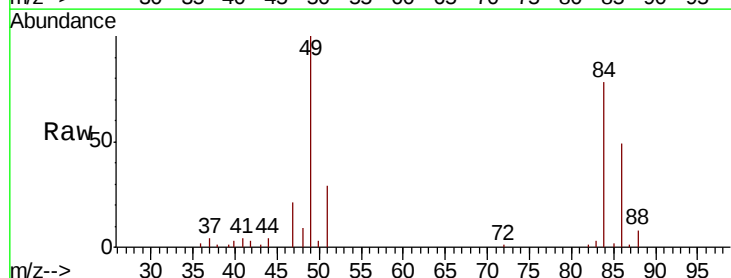
Tgt Ion: 84 Resp: 23322

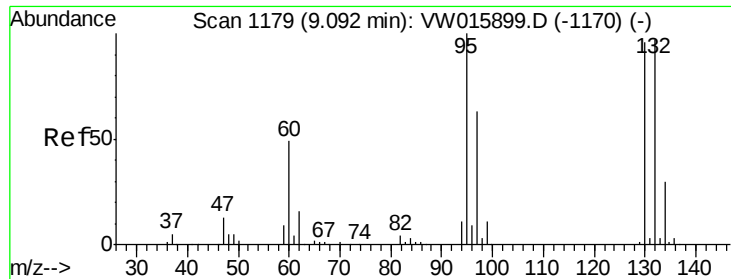
Ion Ratio Lower Upper

84 100

49 128.8 91.1 169.1

86 63.0 46.0 85.4





#35

Trichloroethene

Concen: 2.049 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015914.D

Acq: 22 Jul 2020 19:30

Instrument :

MSVOA_W

ClientSampleId :

C0AE7

Tot Ion: 95 Resp: 10398

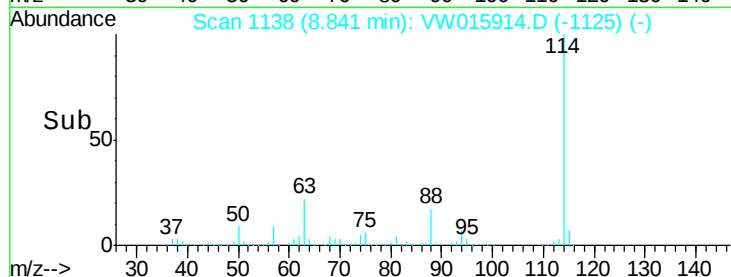
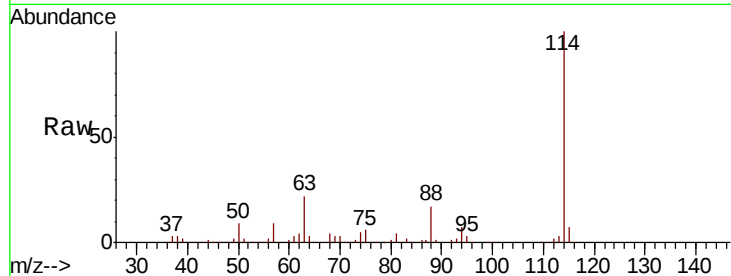
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

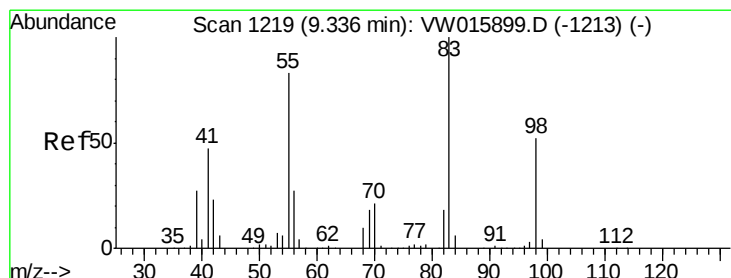
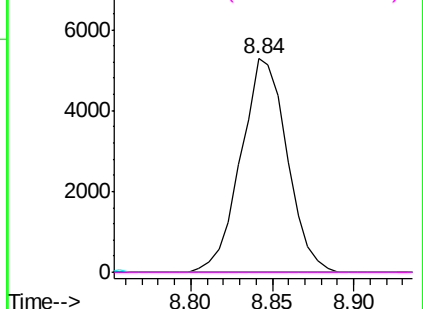


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.478 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW015914.D

Acq: 22 Jul 2020 19:30

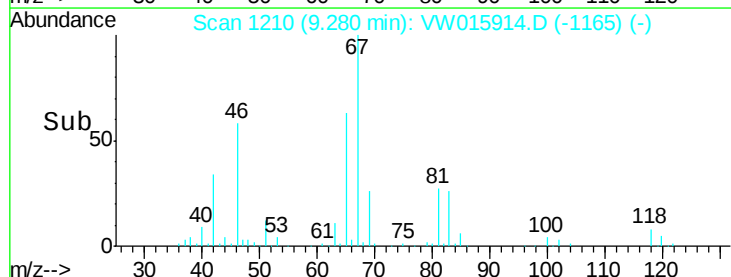
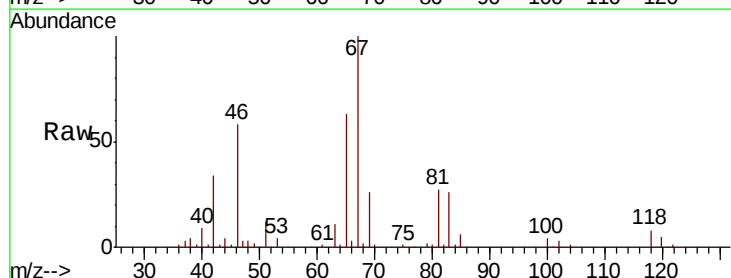
Tgt Ion: 83 Resp: 30293

Ion Ratio Lower Upper

83 100

55 0.3 63.5 95.3#

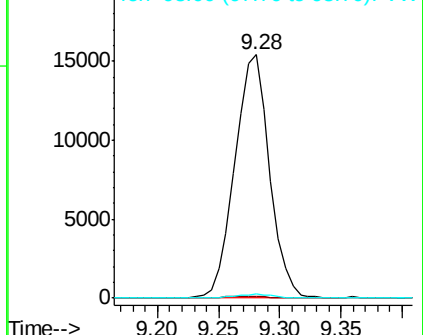
98 1.6 39.0 58.4#

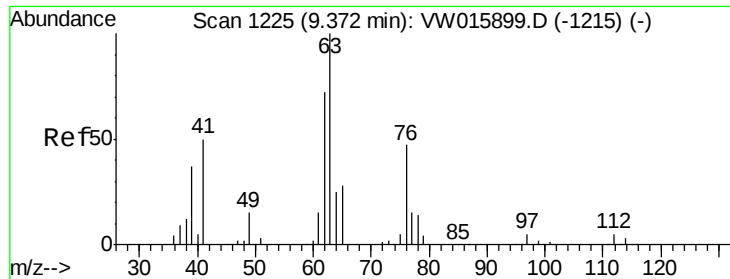


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

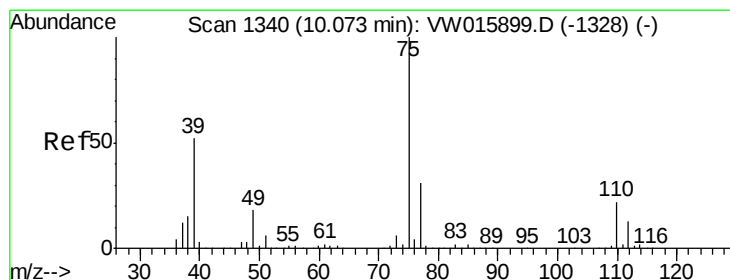
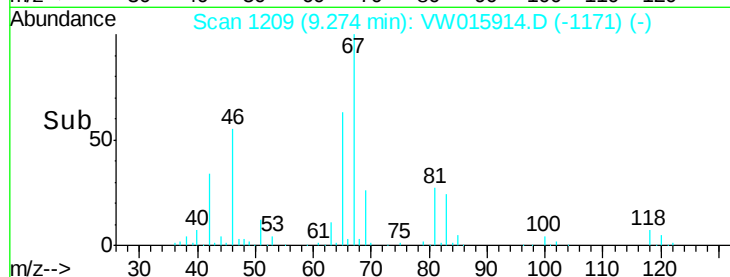
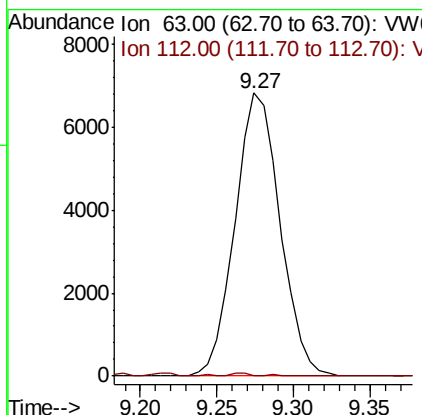
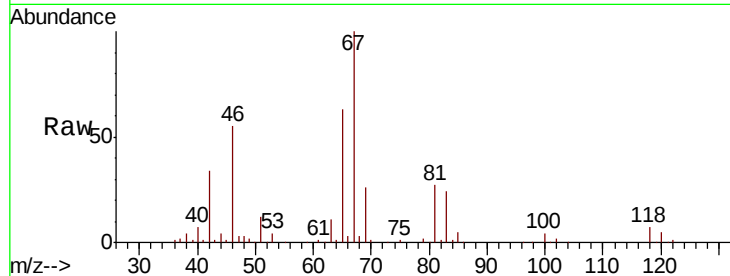




#40
 1,2-Dichloropropane
 Concen: 2.935 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW015914.D
 Acq: 22 Jul 2020 19:30

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE7

Tot Ion: 63 Resp: 13948
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.438 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015914.D
 Acq: 22 Jul 2020 19:30

Tgt Ion: 75 Resp: 3172
 Ion Ratio Lower Upper
 75 100
 77 56.2 22.2 41.2#

