

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016383.D
 Acq On : 27 Aug 2020 11:22
 Operator : SY/VA
 Sample : L3800-08
 Misc : 6.58G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H7

Quant Time: Aug 28 08:10:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 08:08:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	70863	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	60532	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	15763	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	12719	16.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.24%
7) Chloroethane-d5	2.89	69	12178	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.80%
10) 1,1-Dichloroethene-d2	4.02	63	24113	13.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.68%
20) 2-Butanone-d5	7.08	46	9558	44.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.84%
24) Chloroform-d	7.65	84	41731	22.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	8.31	65	22690	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.32%
29) Benzene-d6	8.27	84	71879	21.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.08%
33) 1,2-Dichloropropane-d6	9.27	67	22517	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.32%
37) Toluene-d8	10.33	98	58270	18.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.12%
38) trans-1,3-Dichloropropene-	10.59	79	8982	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.60%
39) 2-Hexanone-d5	10.93	63	6871	45.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	18355	23.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	12839	21.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.96%

Target Compounds

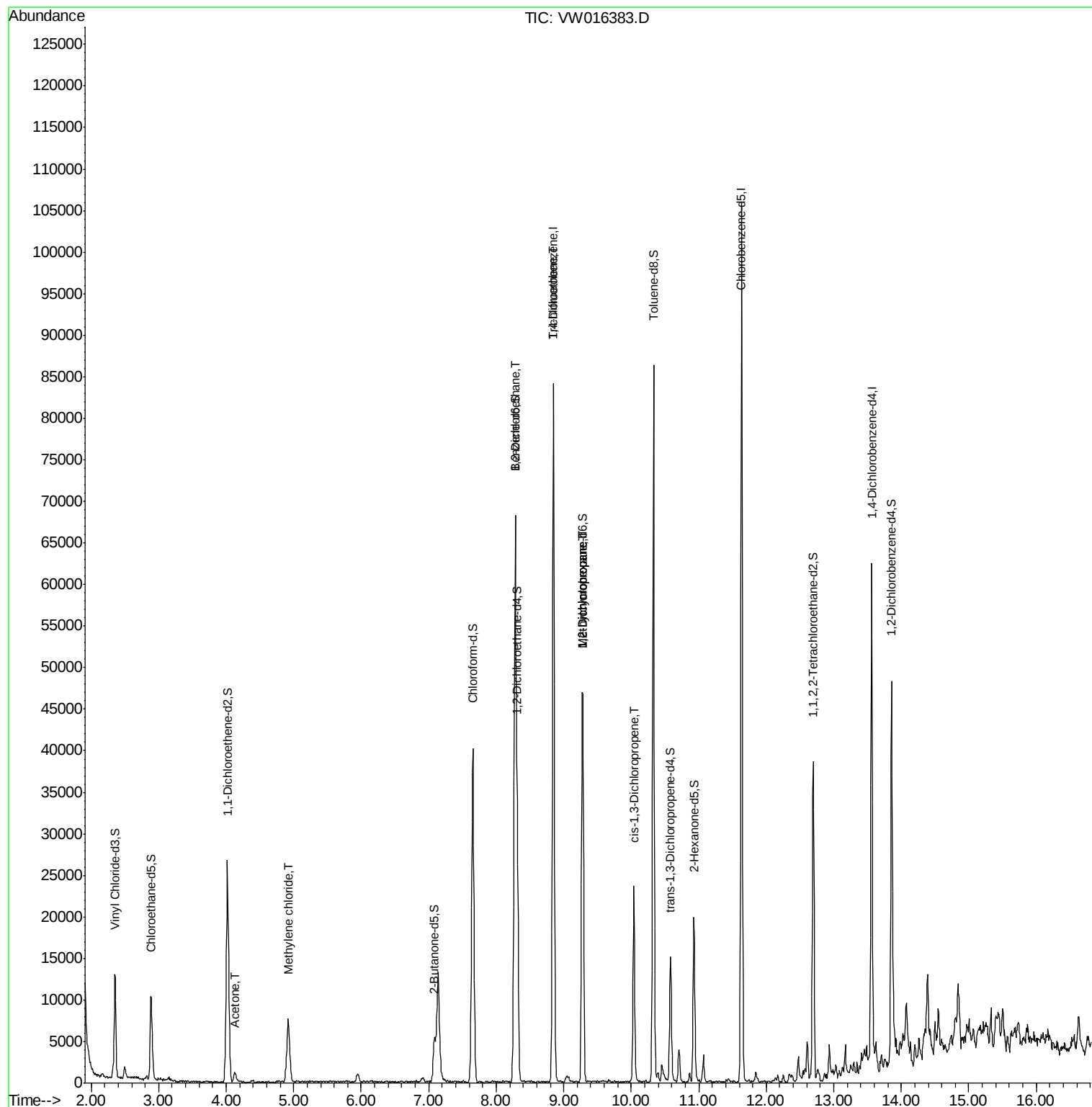
					Ovalue
13) Acetone	4.12	43	2415	13.524	ug/L 59
16) Methylene chloride	4.91	84	3539	2.702	ug/L 93
27) 1,2-Dichloroethane	8.28	62	330	0.300	ug/L # 73
35) Trichloroethene	8.84	95	2230	2.268	ug/L # 4
36) Methylcyclohexane	9.28	83	6086	3.792	ug/L # 20
40) 1,2-Dichloropropane	9.27	63	2518	3.084	ug/L # 84
42) cis-1,3-Dichloropropene	10.03	75	708	0.530	ug/L 98

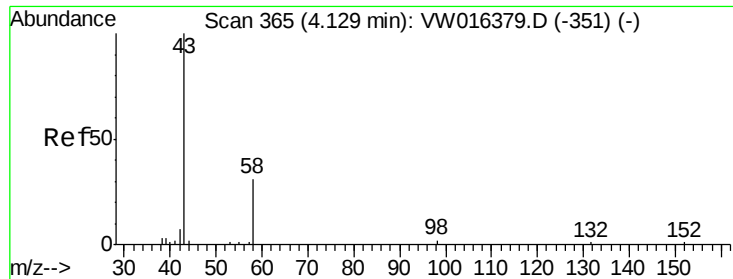
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 13.524 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW016383.D

Acq: 27 Aug 2020 11:22

Instrument :

MSVOA_W

ClientSampleId :

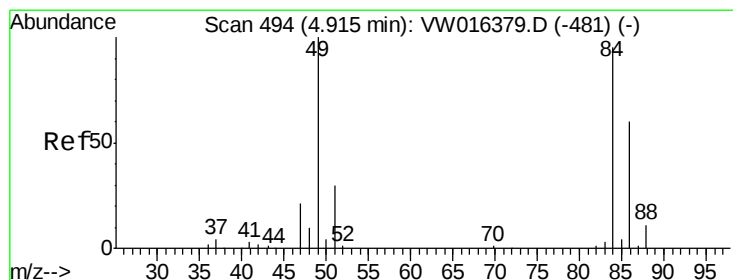
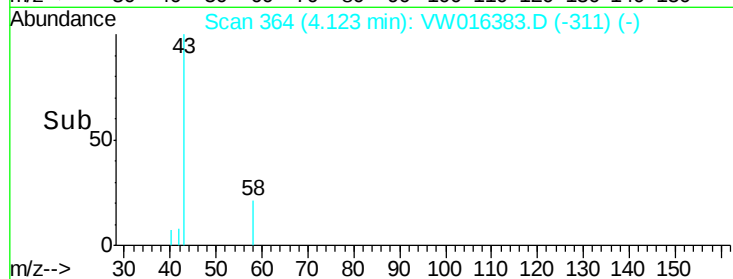
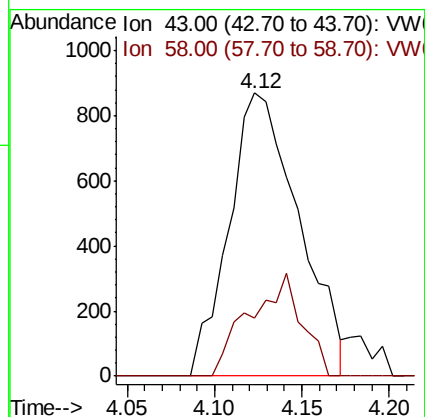
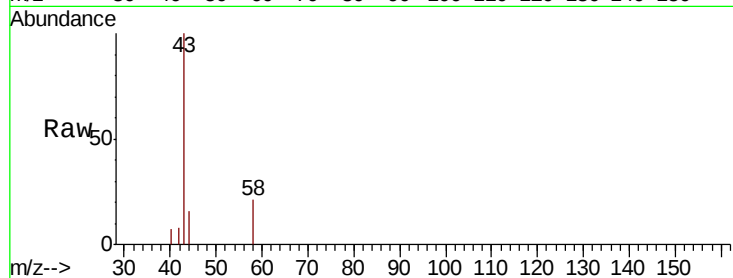
BG3H7

Tot Ion: 43 Resp: 2415

Ion Ratio Lower Upper

43 100

58 9.3 0.0 63.8



#16

Methylene chloride

Concen: 2.702 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016383.D

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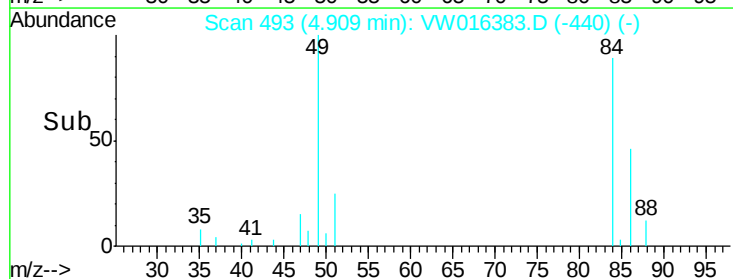
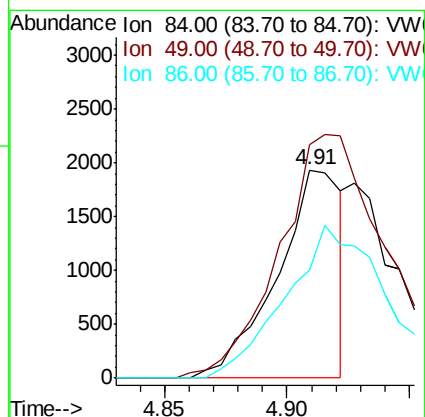
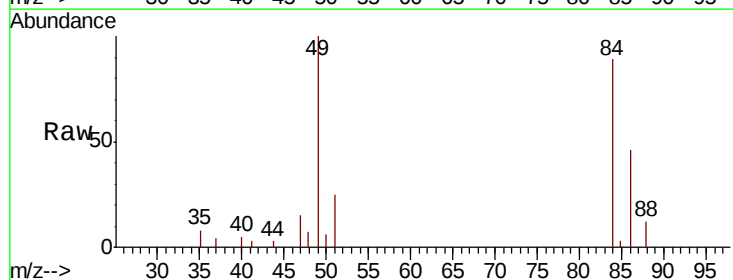
Tgt Ion: 84 Resp: 3539

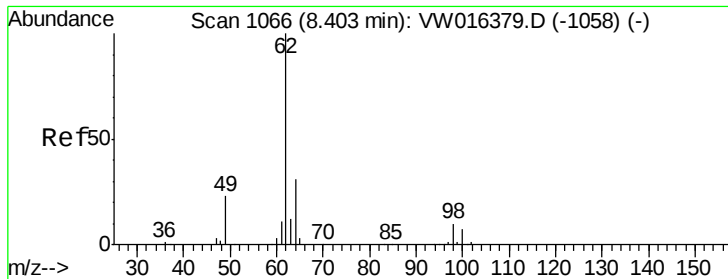
Ion Ratio Lower Upper

84 100

49 112.0 75.3 139.9

86 52.0 43.3 80.3





#27

1,2-Dichloroethane

Concen: 0.300 ug/L

RT: 8.28 min Scan# 1046

Delta R.T. -0.12 min

Lab File: VW016383.D

Acq: 27 Aug 2020 11:22

Instrument :

MSVOA_W

ClientSampleId :

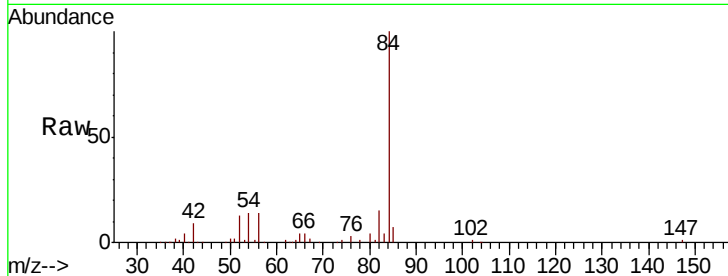
BG3H7

Tot Ion: 62 Resp: 330

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

8.28

300

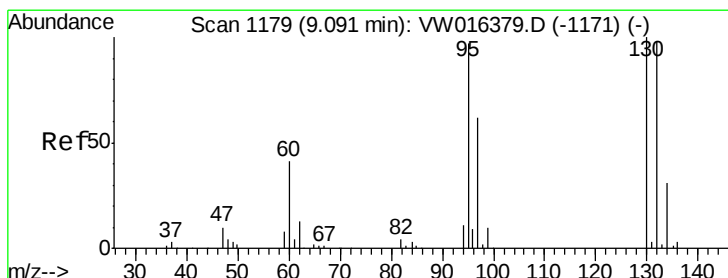
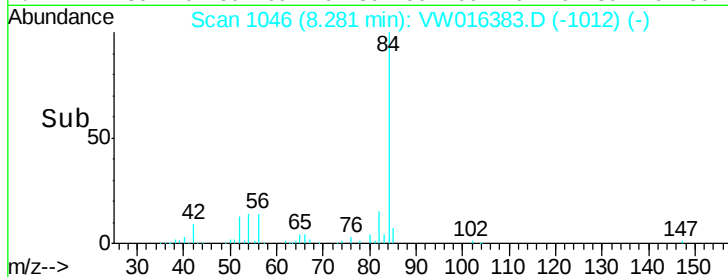
200

100

0

8.26 8.28 8.30

Time-->



#35

Trichloroethene

Concen: 2.268 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016383.D

Acq: 27 Aug 2020 11:22

Tgt Ion: 95 Resp: 2230

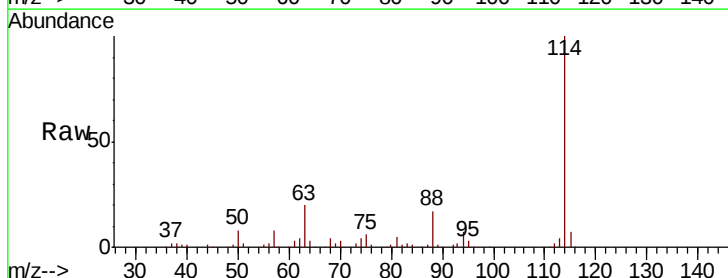
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 68.2 126.6#

130 0.0 71.5 132.9#



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

1500

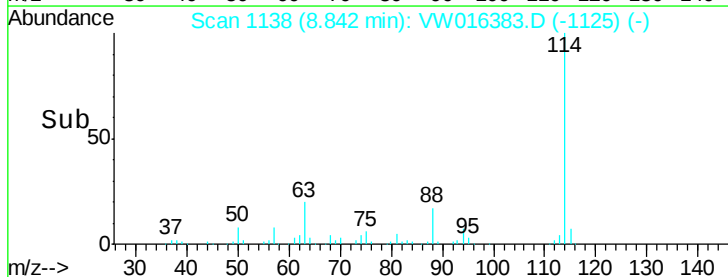
1000

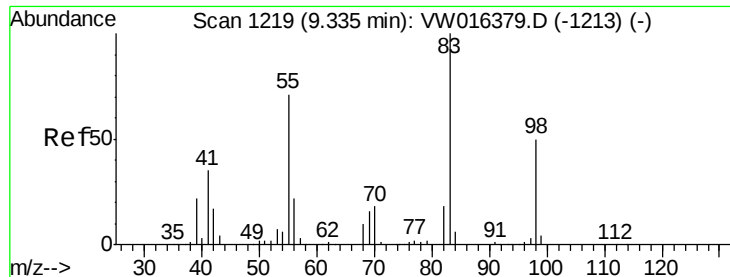
500

0

8.80 8.85 8.90

Time-->

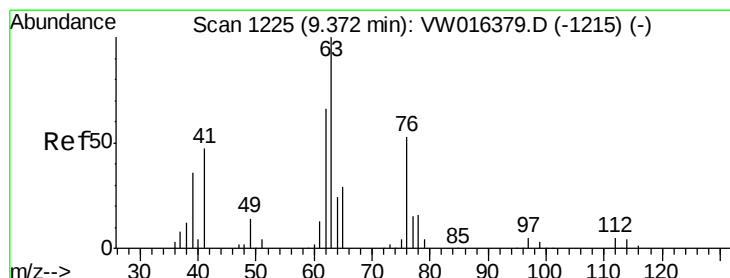
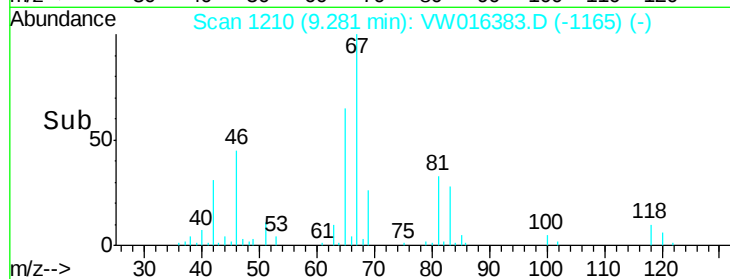
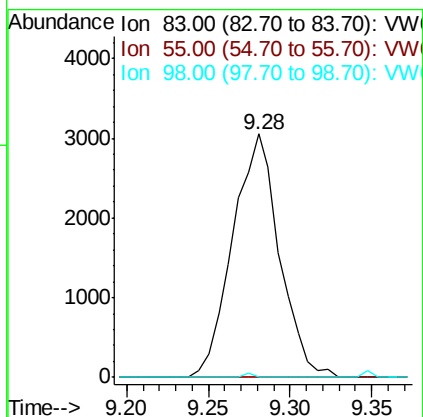
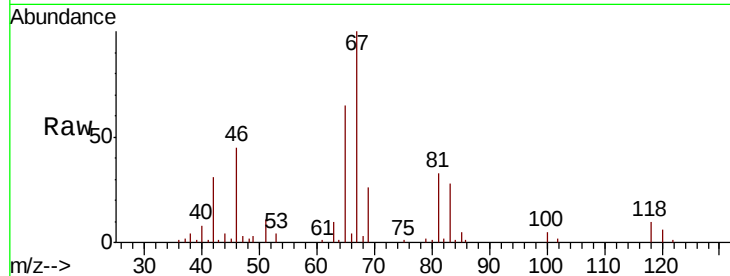




#36
Methvlcvclohexane
Concen: 3.792 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW016383.D
Acq: 27 Aug 2020 11:22

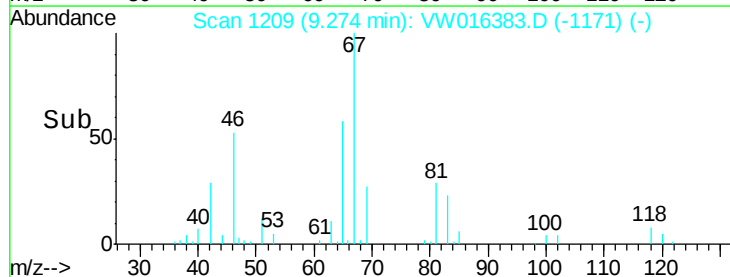
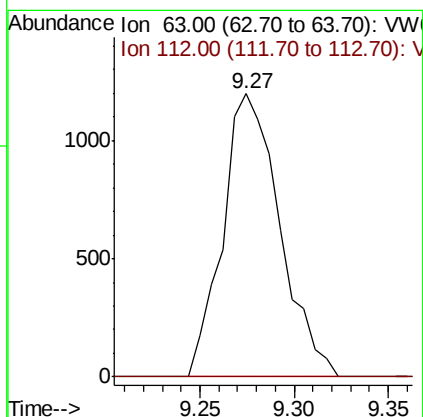
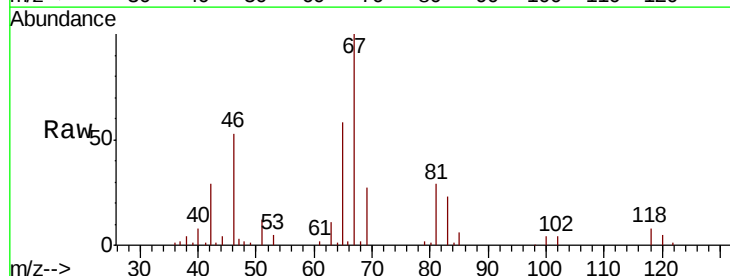
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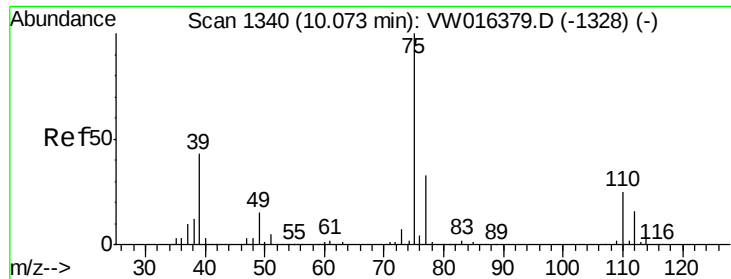
Tot Ion: 83 Resp: 6086
Ion Ratio Lower Upper
83 100
55 0.6 55.6 83.4#
98 0.0 40.6 61.0#



#40
1,2-Dichloropropane
Concen: 3.084 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016383.D
Acq: 27 Aug 2020 11:22

Tgt Ion: 63 Resp: 2518
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#





#42

cis-1,3-Dichloropropene

Concen: 0.530 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW016383.D

Acq: 27 Aug 2020 11:22

Instrument :

MSVOA_W

ClientSampleId :

BG3H7

Tot Ion: 75 Resp: 708

Ion Ratio Lower Upper

75 100

77 30.4 22.0 40.8

