

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061720\
 Data File : VW015617.D
 Acq On : 17 Jun 2020 15:25
 Operator : SY/VA
 Sample : L3027-06
 Misc : 4.61G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K9

Quant Time: Jun 18 07:17:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 18 07:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	140790	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	130350	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	57034	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	39449	30.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.32%
7) Chloroethane-d5	2.89	69	35211	27.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.76%
10) 1,1-Dichloroethene-d2	4.01	63	59882	19.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.20%
20) 2-Butanone-d5	7.08	46	19821	47.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.10%
24) Chloroform-d	7.65	84	81903	25.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	8.31	65	48188	26.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.40%
29) Benzene-d6	8.27	84	158761	24.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.32%
33) 1,2-Dichloropropane-d6	9.27	67	48618	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.12%
37) Toluene-d8	10.32	98	140833	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.64%
38) trans-1,3-Dichloropropene-	10.58	79	19419	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.44%
39) 2-Hexanone-d5	10.93	63	13806	41.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32976	22.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	45687	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds

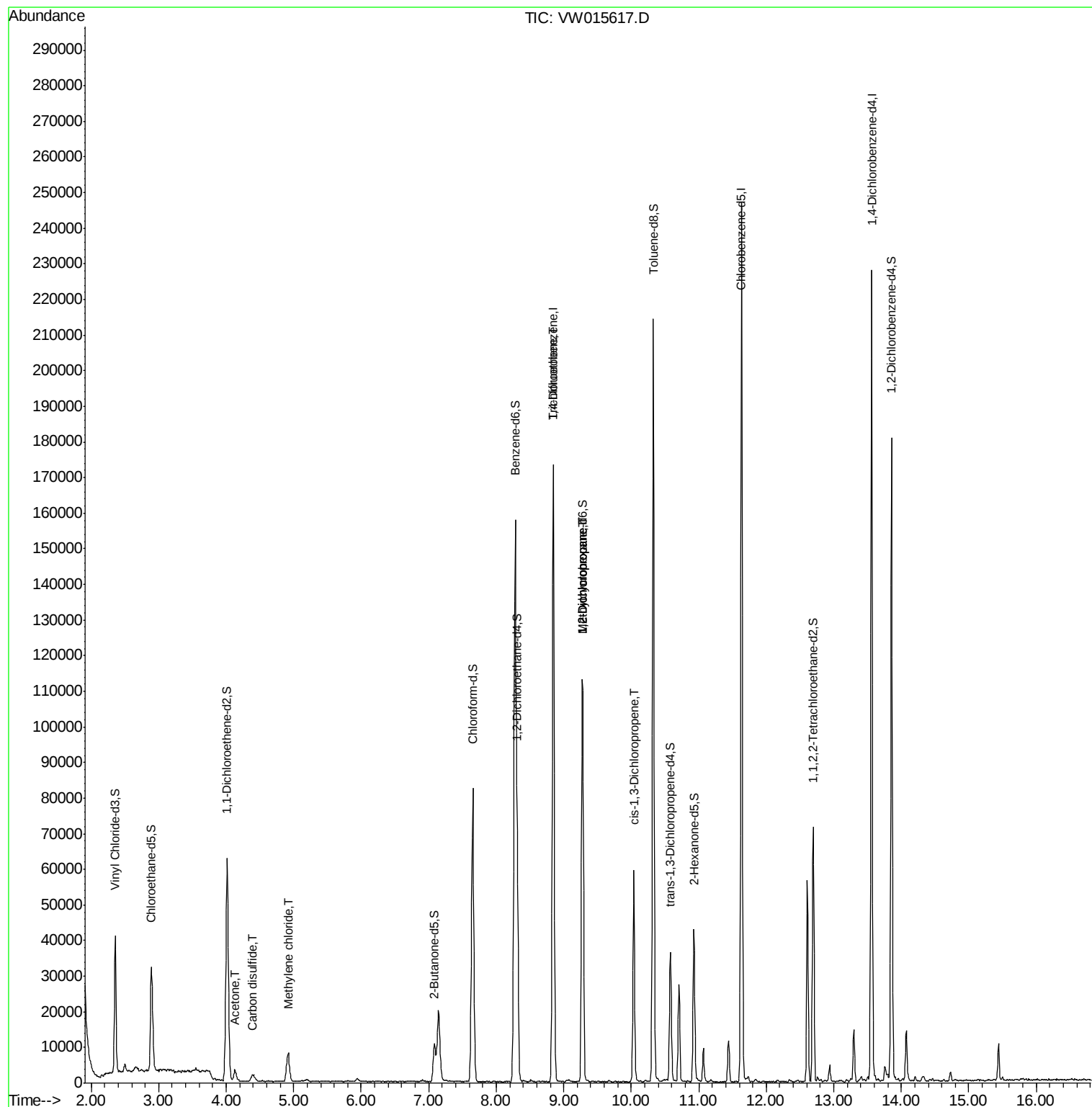
					Ovalue
13) Acetone	4.13	43	4884	14.998	ug/L 83
14) Carbon disulfide	4.38	76	1619	0.289	ug/L # 82
16) Methylene chloride	4.91	84	5607	3.245	ug/L 93
35) Trichloroethene	8.85	95	4304	2.198	ug/L # 5
36) Methylcyclohexane	9.28	83	12094	3.463	ug/L # 17
40) 1,2-Dichloropropane	9.27	63	6177	3.441	ug/L # 85
42) cis-1,3-Dichloropropene	10.04	75	1625	0.566	ug/L # 82

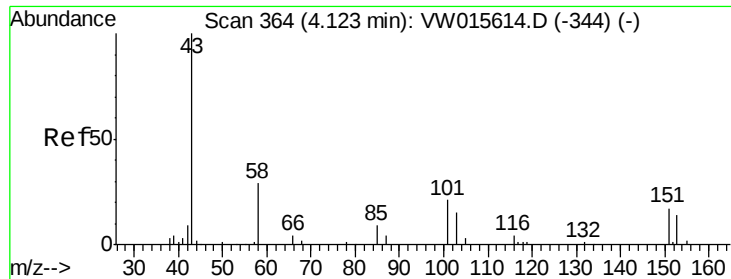
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.998 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015617.D

Acq: 17 Jun 2020 15:25

Instrument :

MSVOA_W

ClientSampleId :

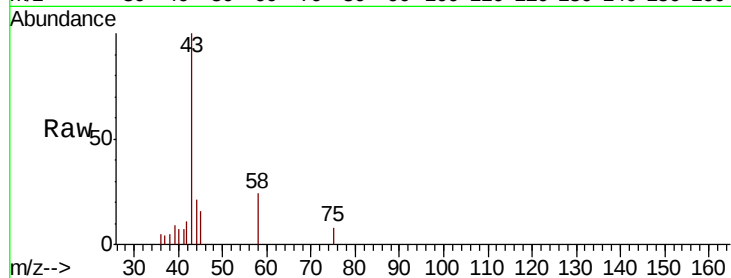
BG2K9

Tot Ion: 43 Resp: 4884

Ion Ratio Lower Upper

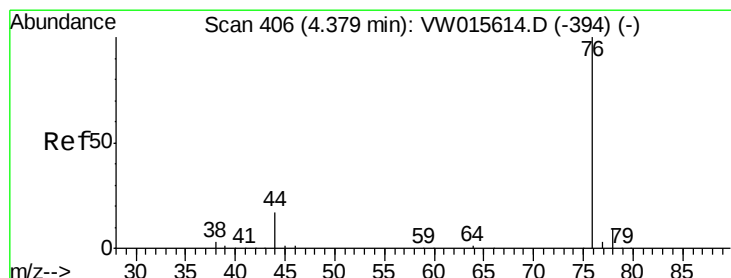
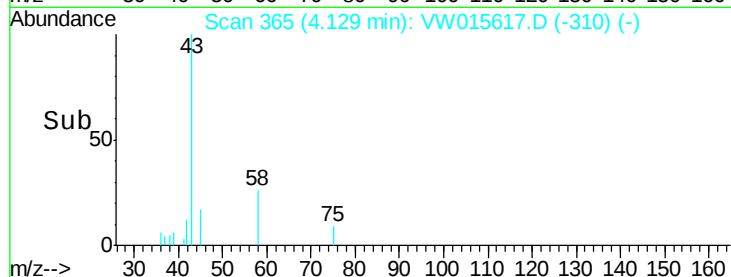
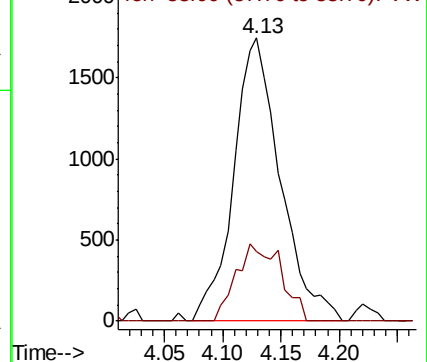
43 100

58 19.3 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.289 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015617.D

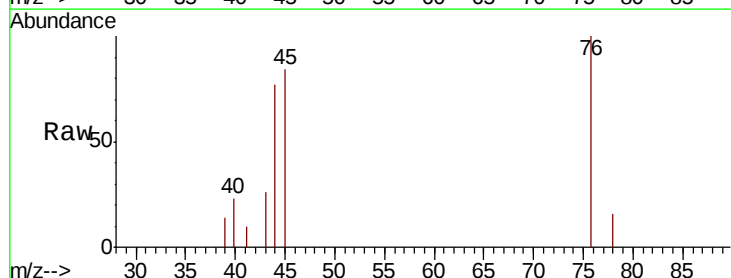
Acq: 17 Jun 2020 15:25

Tgt Ion: 76 Resp: 1619

Ion Ratio Lower Upper

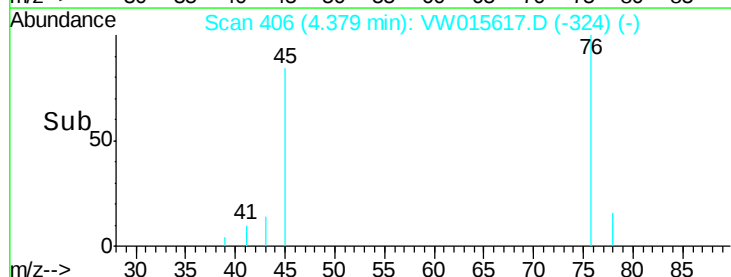
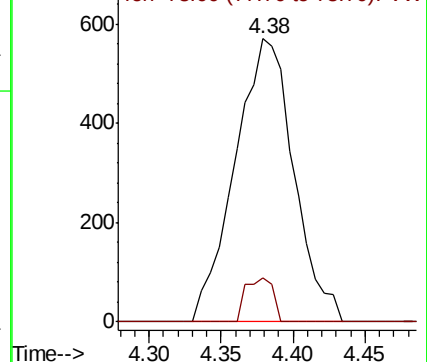
76 100

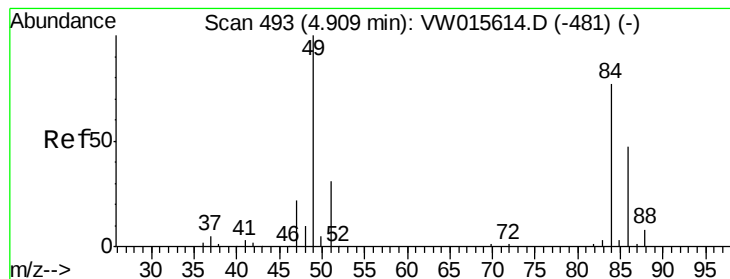
78 15.6 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16

Methvlene chloride

Concen: 3.245 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW015617.D

Acq: 17 Jun 2020 15:25

Instrument :

MSVOA_W

ClientSampleId :

BG2K9

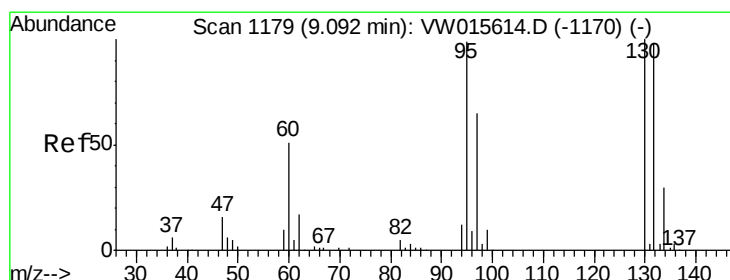
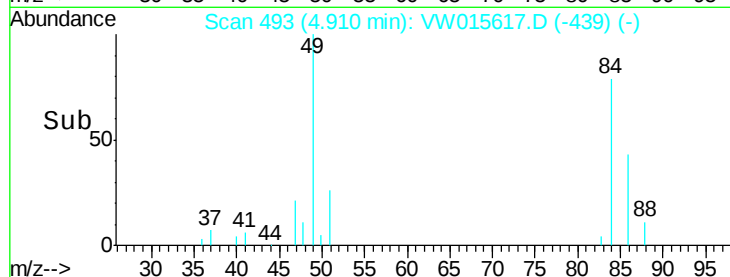
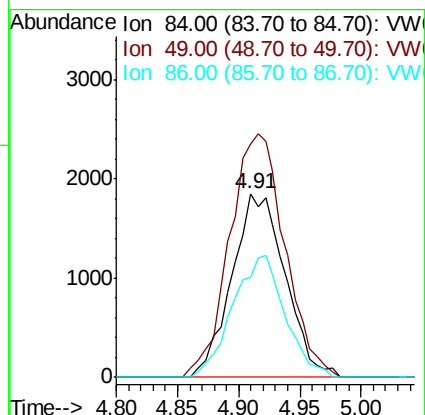
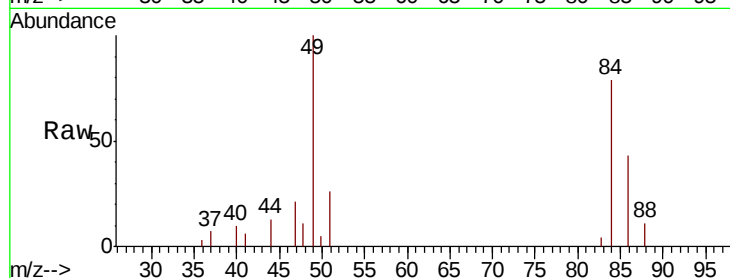
Tot Ion: 84 Resp: 5607

Ion Ratio Lower Upper

84 100

49 127.2 93.0 172.8

86 54.5 44.7 83.1



#35

Trichloroethene

Concen: 2.198 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015617.D

Acq: 17 Jun 2020 15:25

Tgt Ion: 95 Resp: 4304

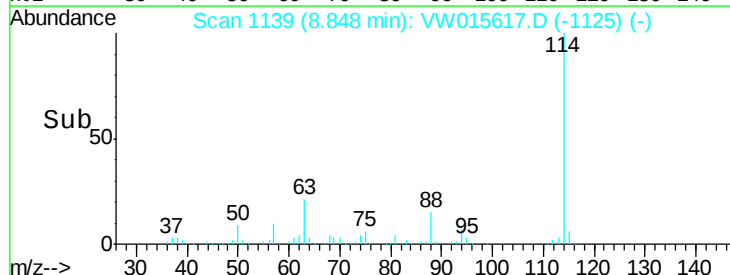
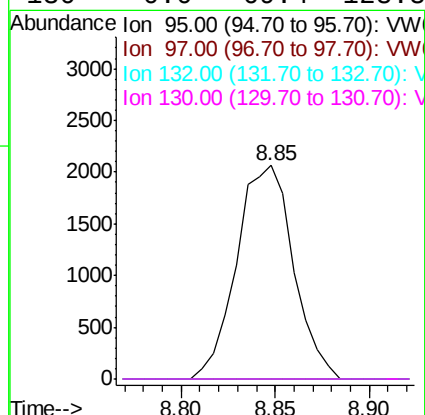
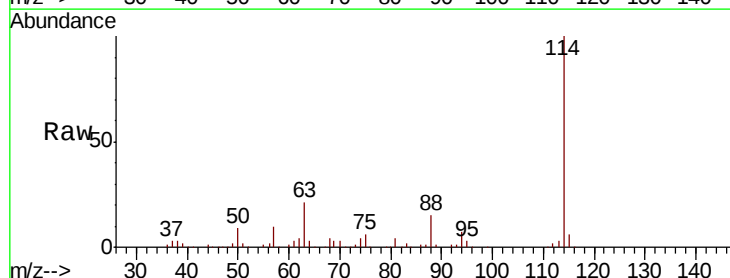
Ion Ratio Lower Upper

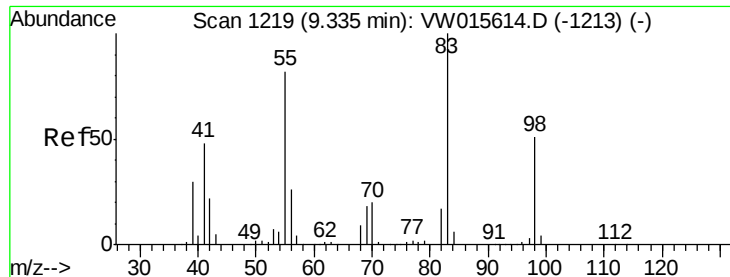
95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

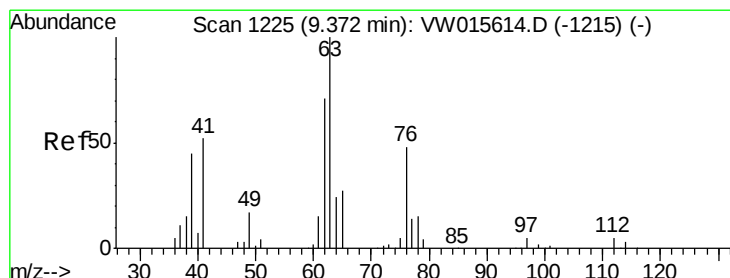
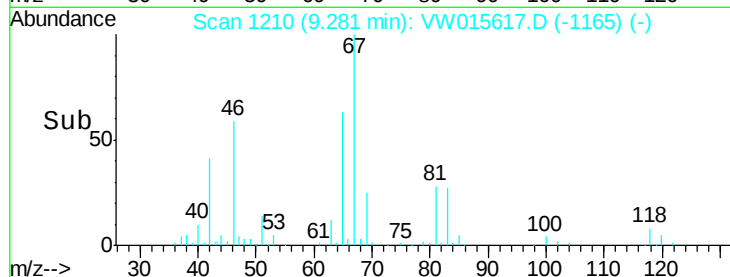
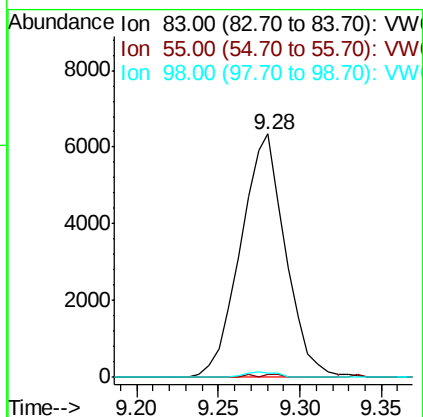
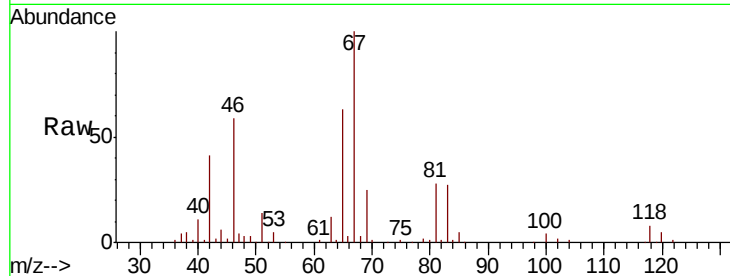




#36
Methvlcvclohexane
Concen: 3.463 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW015617.D
Acq: 17 Jun 2020 15:25

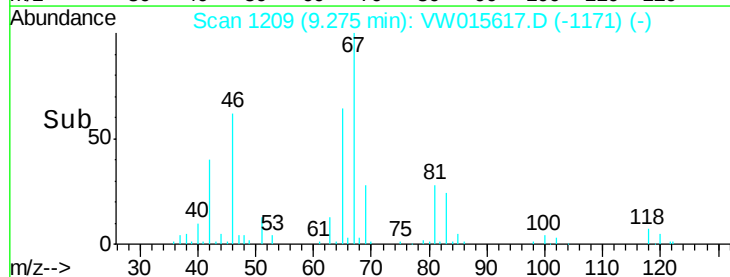
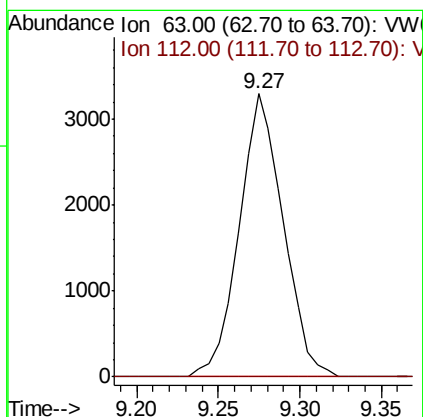
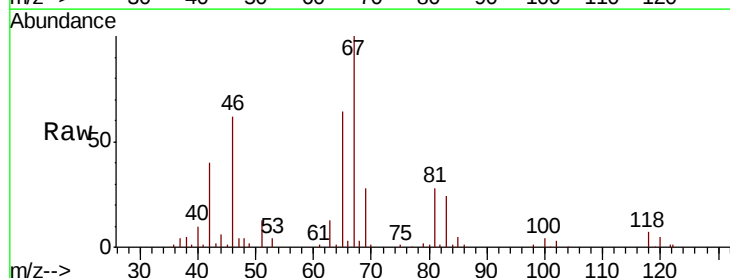
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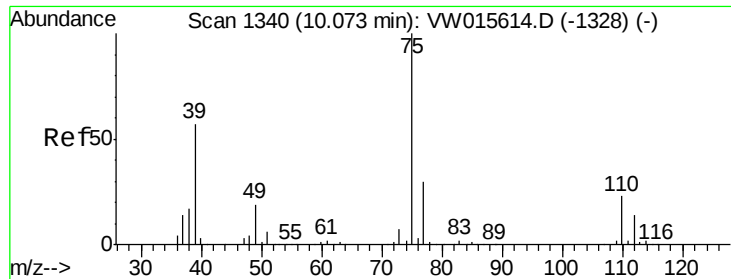
Tot Ion: 83 Resp: 12094
Ion Ratio Lower Upper
83 100
55 0.4 62.8 94.2#
98 0.0 39.2 58.8#



#40
1,2-Dichloropropane
Concen: 3.441 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015617.D
Acq: 17 Jun 2020 15:25

Tgt Ion: 63 Resp: 6177
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.566 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW015617.D

Acq: 17 Jun 2020 15:25

Instrument :

MSVOA_W

ClientSampleId :

BG2K9

Tot Ion: 75 Resp: 1625

Ion Ratio Lower Upper

75 100

77 41.8 22.3 41.5#

