

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006402.D
 Acq On : 26 Oct 2018 12:17
 Operator : SY/AP
 Sample : VW1026SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB94

Quant Time: Oct 26 23:48:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	331791	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314553	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167376	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109517	29.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.08%
7) Chloroethane-d5	2.90	69	95487	29.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.60%
10) 1,1-Dichloroethene-d2	4.01	63	144937	20.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.68%
20) 2-Butanone-d5	7.09	46	59550	48.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.02%
24) Chloroform-d	7.65	84	190320	26.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.92%
26) 1,2-Dichloroethane-d4	8.31	65	111784	28.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.44%
29) Benzene-d6	8.27	84	398205	27.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.52%
33) 1,2-Dichloropropane-d6	9.27	67	111692	25.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.64%
37) Toluene-d8	10.32	98	393737	27.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.28%
38) trans-1,3-Dichloropropene-	10.58	79	47973	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.60%
39) 2-Hexanone-d5	10.93	63	49532	47.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109206	26.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	160406	27.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.84%

Target Compounds

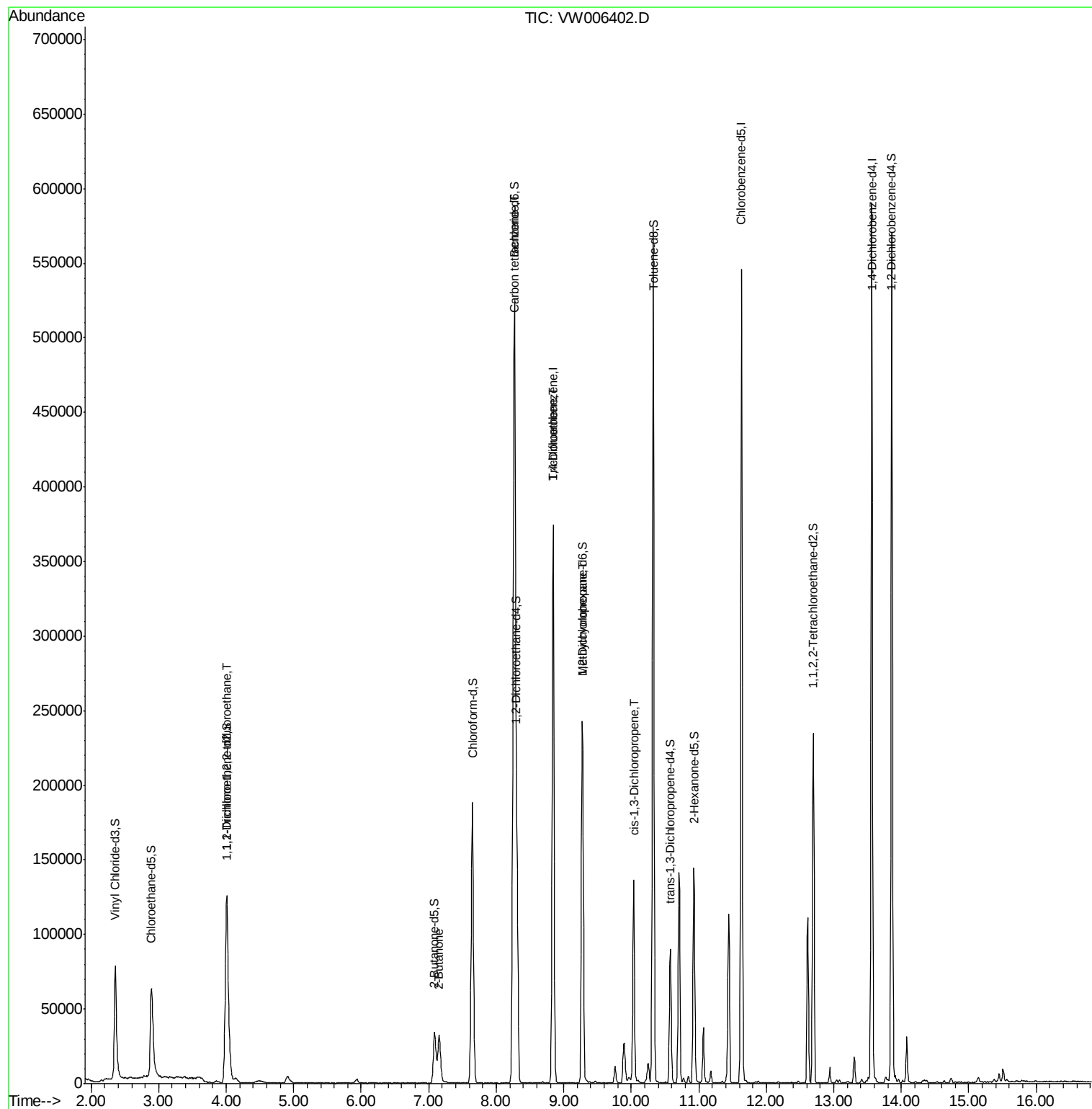
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1425	0.359 ug/L #	15
21) 2-Butanone	7.16	43	2240	1.345 ug/L #	53
32) Carbon tetrachloride	8.26	117	3392	0.525 ug/L #	24
35) Trichloroethene	8.85	95	9411	2.071 ug/L #	2
36) Methylcyclohexane	9.27	83	28102	3.376 ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	3368	0.515 ug/L #	76

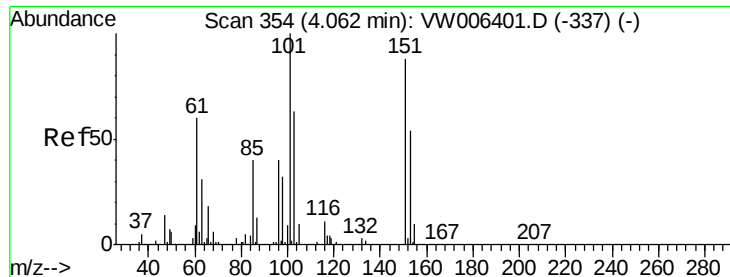
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.359 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.04 min

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BFB94

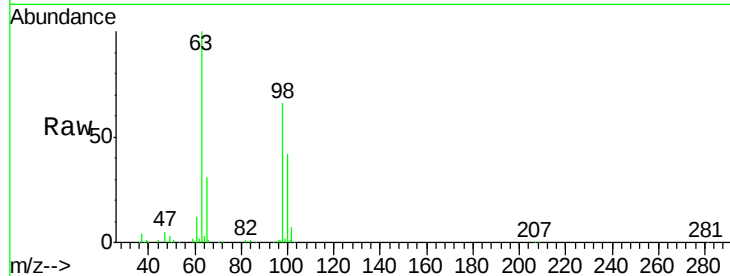
Tgt Ion:101 Resp: 1425

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

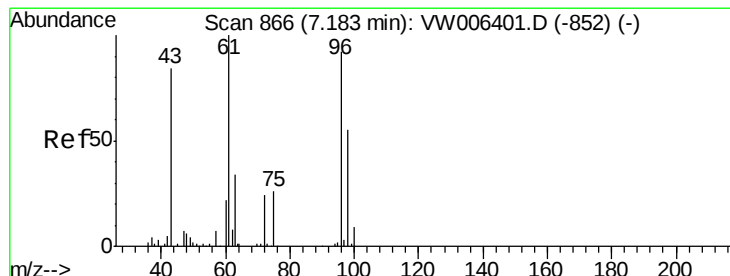
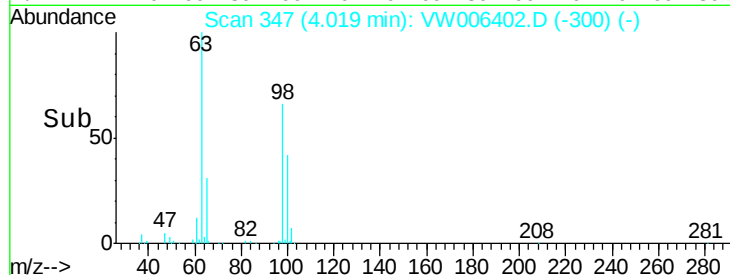
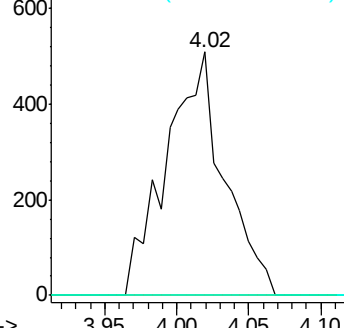
151 0.0 68.7 103.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#21

2-Butanone

Concen: 1.345 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006402.D

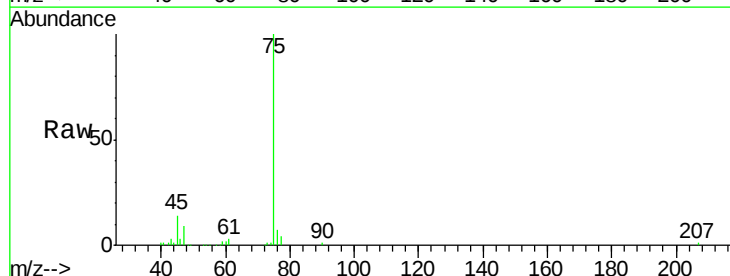
Acq: 26 Oct 2018 12:17

Tgt Ion: 43 Resp: 2240

Ion Ratio Lower Upper

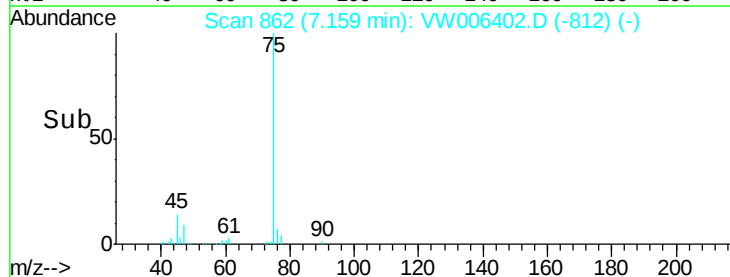
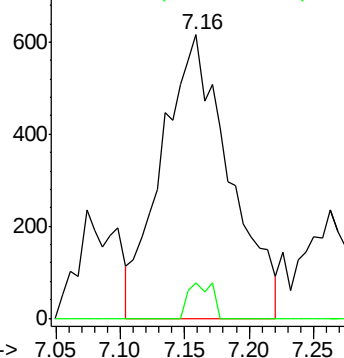
43 100

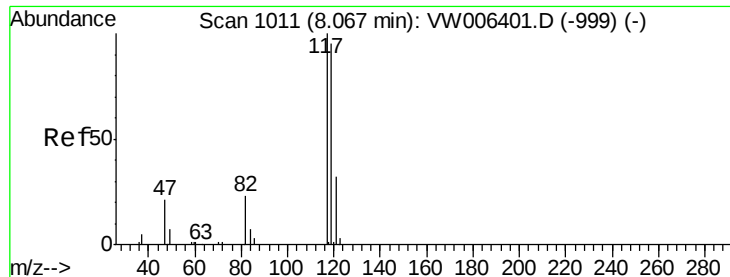
72 3.2 13.8 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#32

Carbon tetrachloride

Concen: 0.525 ug/L

RT: 8.26 min Scan# 1042

Delta R.T. 0.19 min

Lab File: VW006402.D

Acq: 26 Oct 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

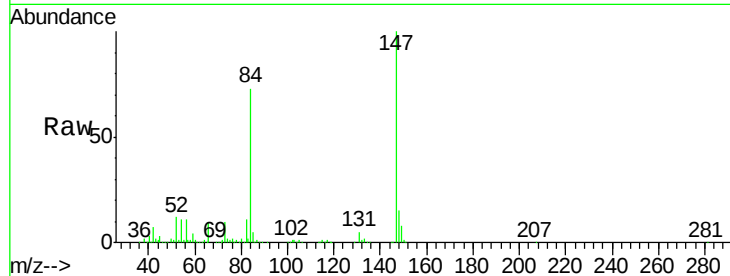
BFB94

Tgt Ion: 117 Resp: 3392

Ion Ratio Lower Upper

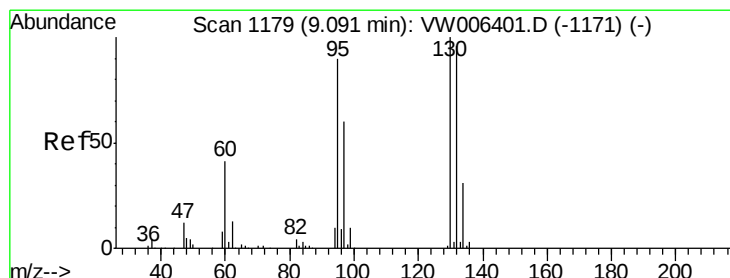
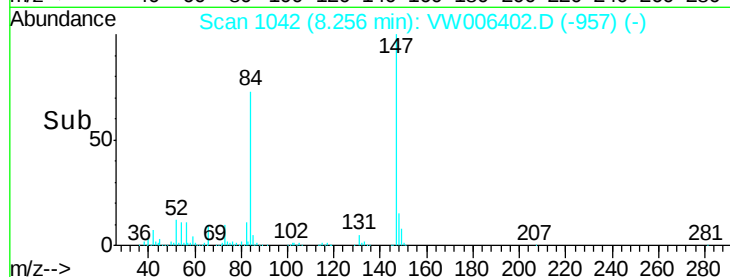
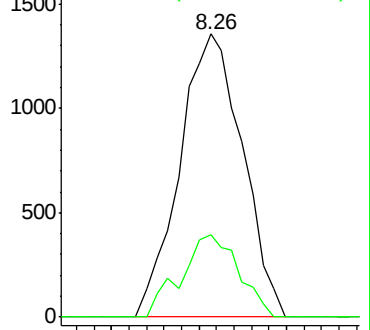
117 100

119 21.9 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#35

Trichloroethene

Concen: 2.071 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006402.D

Acq: 26 Oct 2018 12:17

Tgt Ion: 95 Resp: 9411

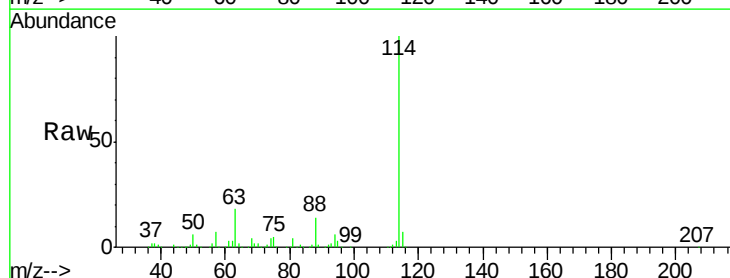
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

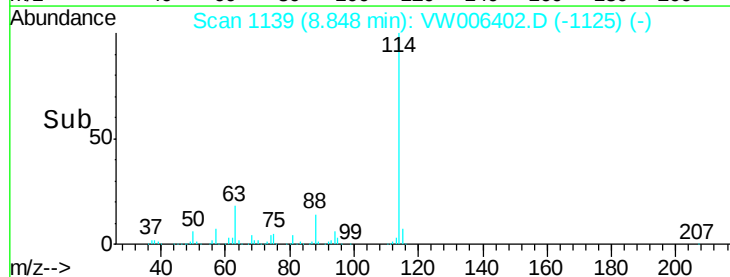
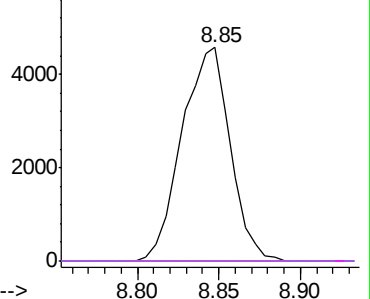


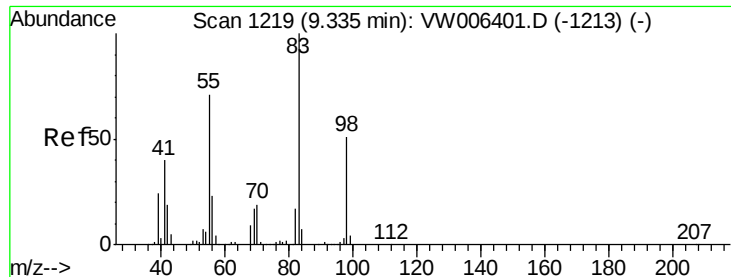
Abundance Ion 95.00 (94.70 to 95.70): VW

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

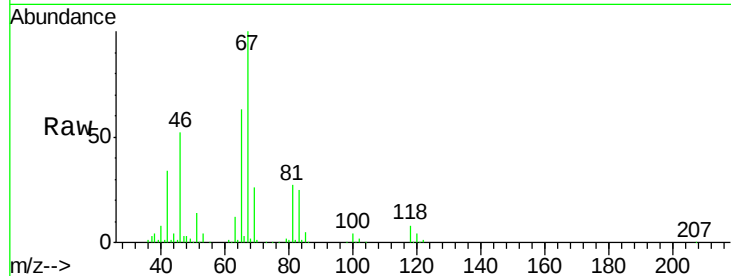




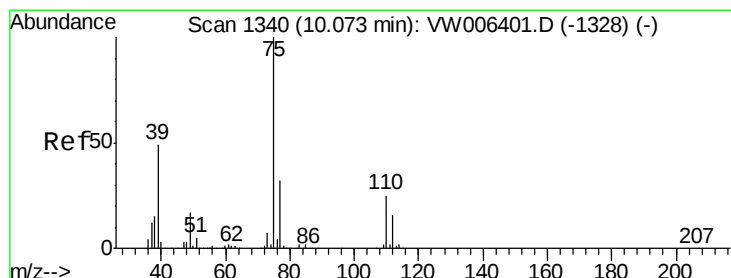
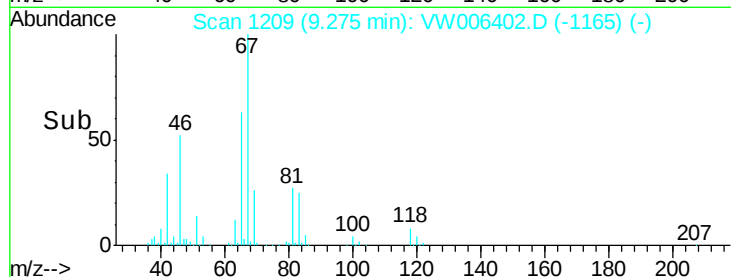
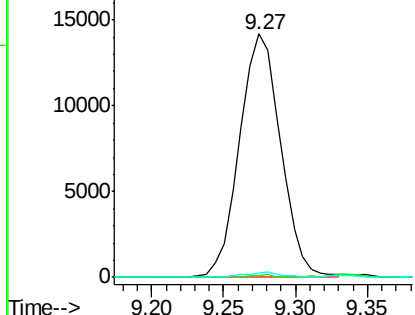
#36
Methylcyclohexane
Concen: 3.376 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW006402.D
Acq: 26 Oct 2018 12:17

Instrument :
MSVOA_W
ClientSampled :
BFB94

Tgt Ion: 83 Resp: 28102
Ion Ratio Lower Upper
83 100
55 0.6 57.1 85.7#
98 1.7 38.9 58.3#

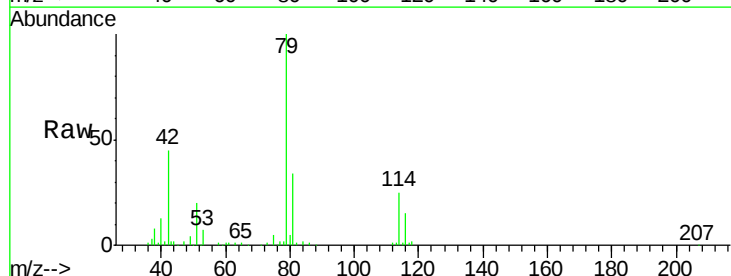


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW



#42
cis-1,3-Dichloropropene
Concen: 0.515 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW006402.D
Acq: 26 Oct 2018 12:17

Tgt Ion: 75 Resp: 3368
Ion Ratio Lower Upper
75 100
77 45.7 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

