

Data File : VW017418.D
Acq On : 20 Nov 2020 15:35
Operator : SY/VA
Sample : L4819-09
Misc : 6.36G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B04

Quant Time: Nov 21 00:33:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	331563	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132978	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114291	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.12%
7) Chloroethane-d5	2.89	69	92496	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.88%
10) 1,1-Dichloroethene-d2	4.02	63	143377	16.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.80%
20) 2-Butanone-d5	7.08	46	40597	50.36	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.72%
24) Chloroform-d	7.65	84	204403	23.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.88%
26) 1,2-Dichloroethane-d4	8.31	65	107779	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.44%
29) Benzene-d6	8.27	84	396563	22.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.40%
33) 1,2-Dichloropropane-d6	9.27	67	112215	24.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.08%
37) Toluene-d8	10.32	98	374996	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.80%
38) trans-1,3-Dichloropropene-	10.58	79	43487	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.40%
39) 2-Hexanone-d5	10.93	63	30118	48.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93984	26.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	120974	24.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.56%

Target Compounds

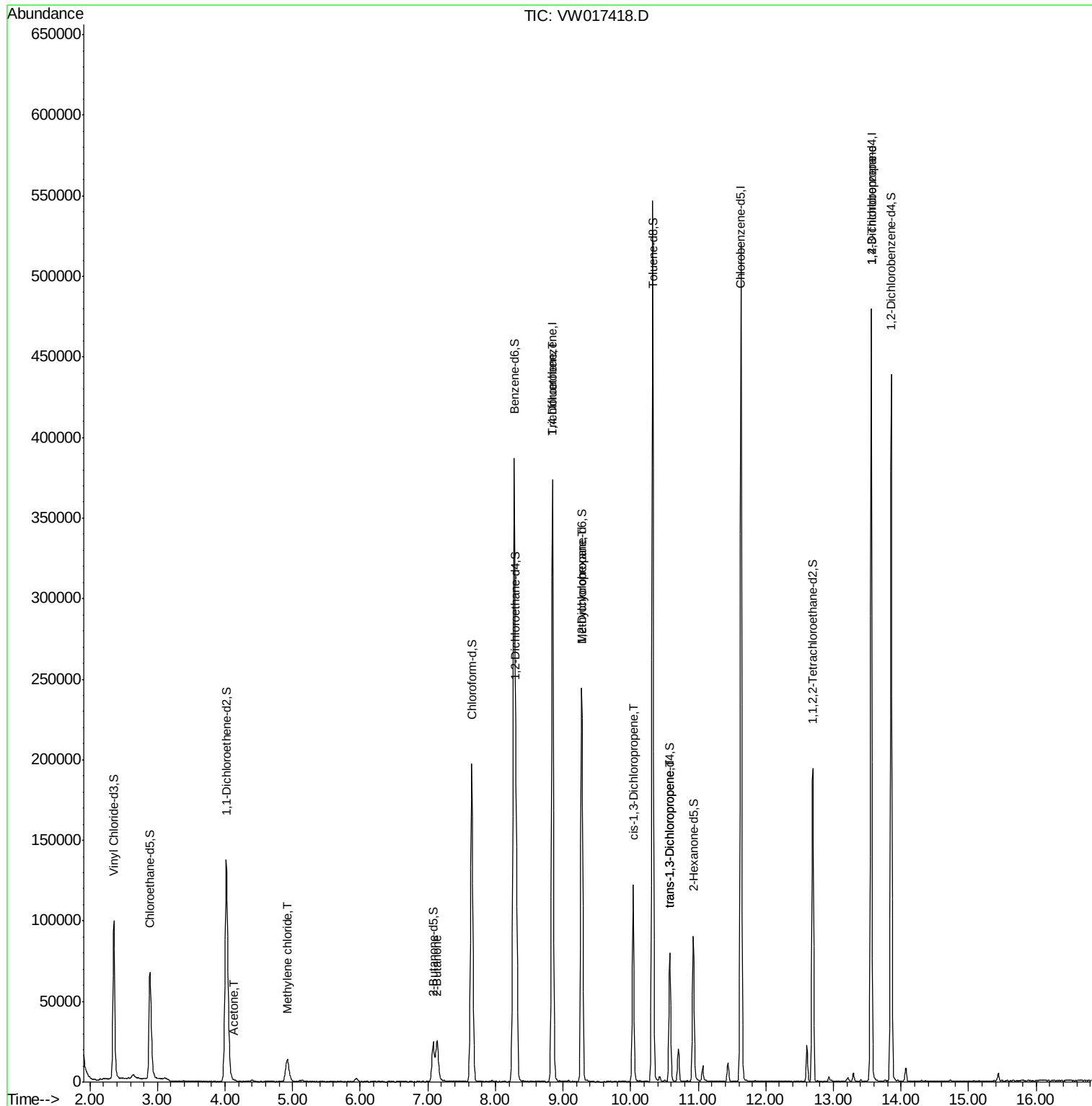
					Qvalue
13) Acetone	4.14	43	994	1.690 ug/L	67
16) Methylene chloride	4.93	84	13037	2.299 ug/L	93
21) 2-Butanone	7.14	43	907	1.006 ug/L #	55
35) Trichloroethene	8.84	95	9633	1.958 ug/L #	2
36) Methylcyclohexane	9.27	83	29006	3.690 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	3200	0.524 ug/L #	55
45) trans-1,3-Dichloropropene	10.58	75	2136	0.413 ug/L	93
59) 1,2,3-Trichloropropane	13.55	75	13944	5.751 ug/L	98

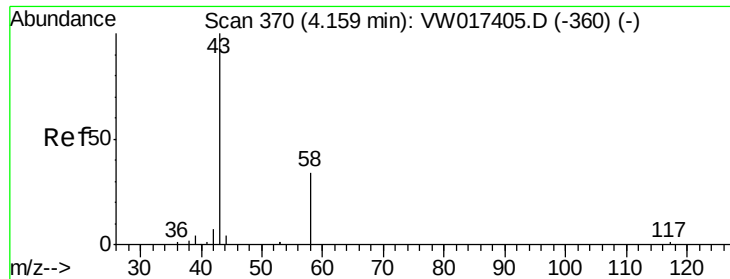
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.690 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW017418.D

Acq: 20 Nov 2020 15:35

Instrument :

MSVOA_W

ClientSampled :

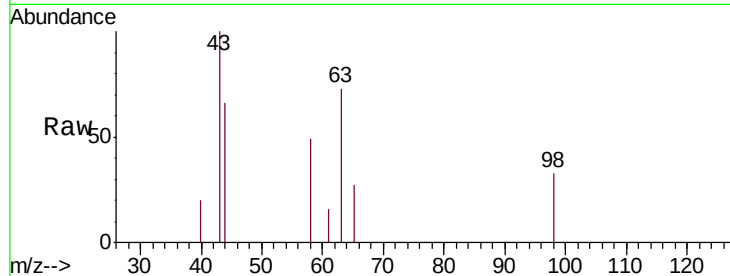
C0B04

Tgt Ion: 43 Resp: 994

Ion Ratio Lower Upper

43 100

58 15.0 0.0 67.0



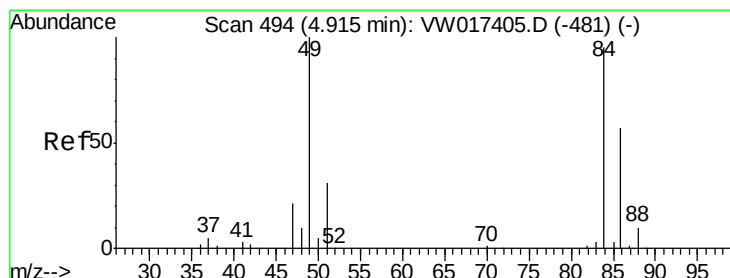
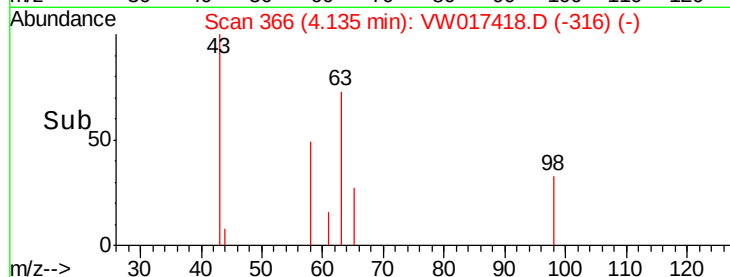
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4.15

Time-->



#16

Methylene chloride

Concen: 2.299 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017418.D

Acq: 20 Nov 2020 15:35

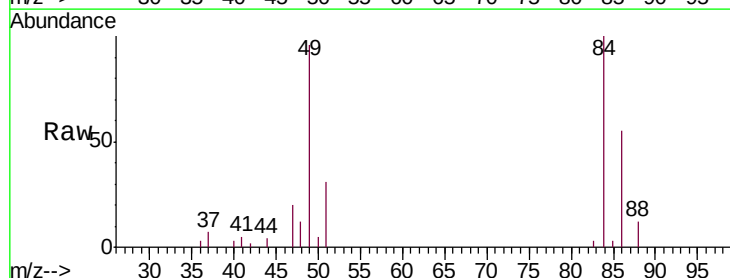
Tgt Ion: 84 Resp: 13037

Ion Ratio Lower Upper

84 100

49 96.1 71.5 132.9

86 54.6 42.8 79.4



Abundance Ion 84.00 (83.70 to 84.70): VW

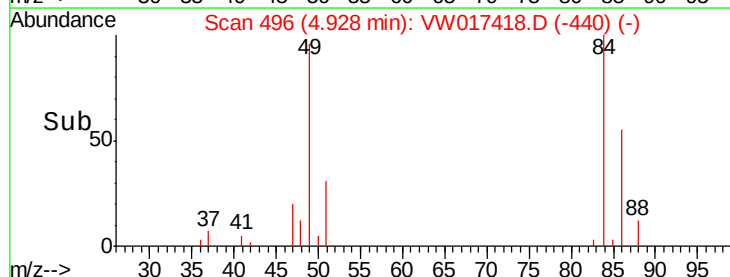
Ion 49.00 (48.70 to 49.70): VW

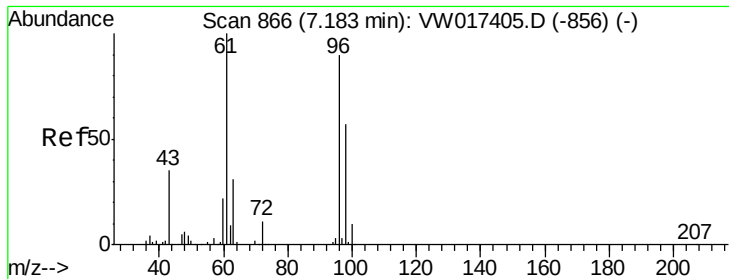
Ion 86.00 (85.70 to 86.70): VW

4.93

4.95

Time-->





#21

2-Butanone

Concen: 1.006 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW017418.D

Acq: 20 Nov 2020 15:35

Instrument :

MSVOA_W

ClientSampled :

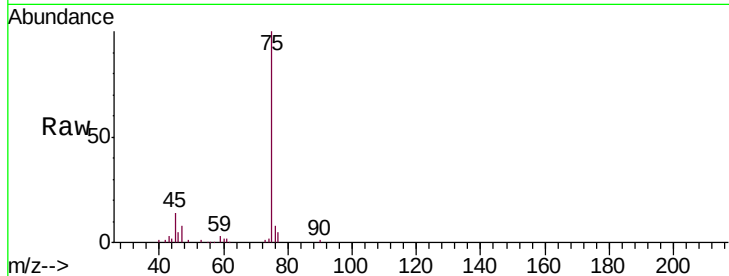
C0B04

Tgt Ion: 43 Resp: 907

Ion Ratio Lower Upper

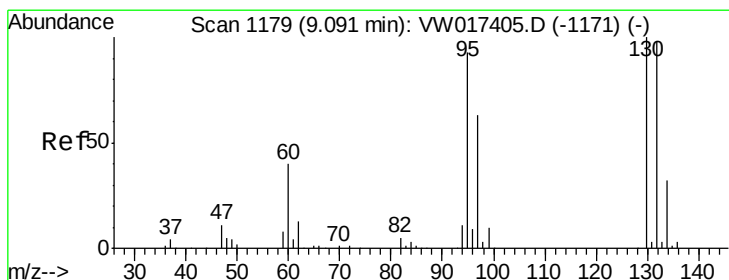
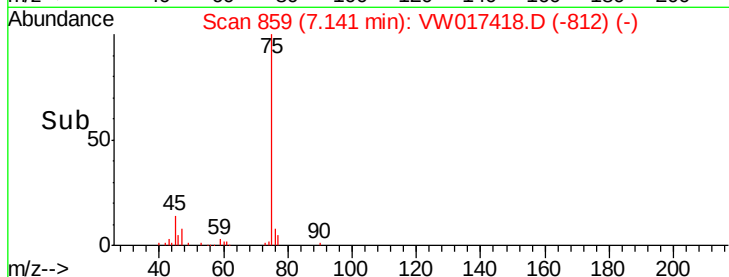
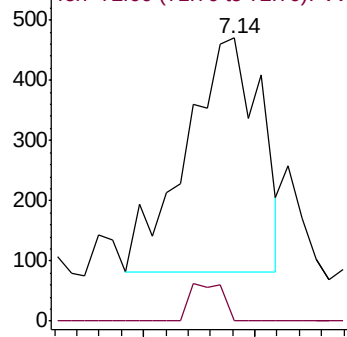
43 100

72 7.2 16.4 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 1.958 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017418.D

Acq: 20 Nov 2020 15:35

Tgt Ion: 95 Resp: 9633

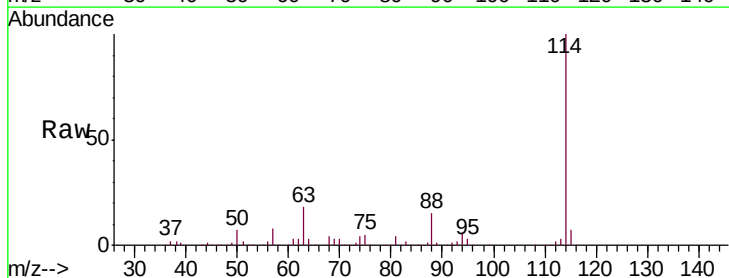
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

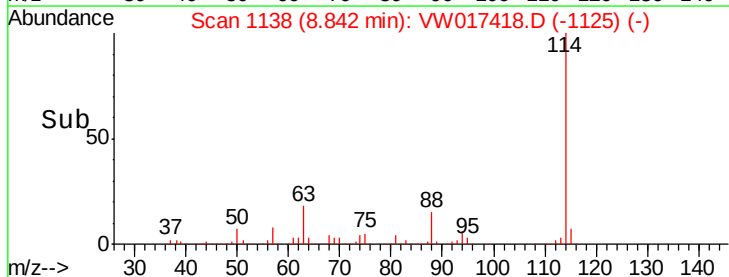
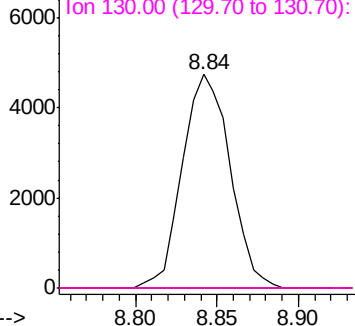


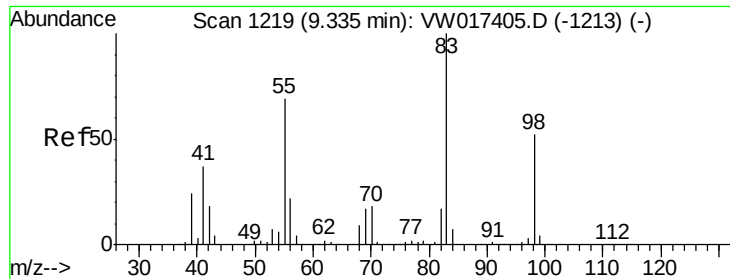
Abundance Ion 95.00 (94.70 to 95.70): VW

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

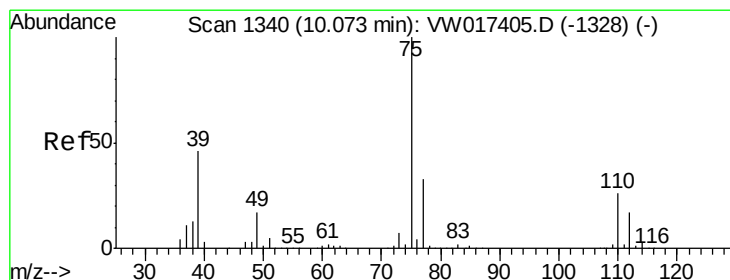
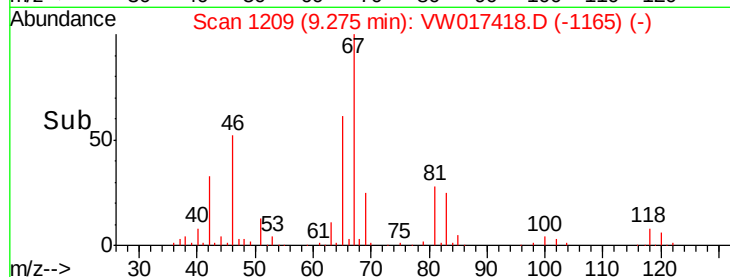
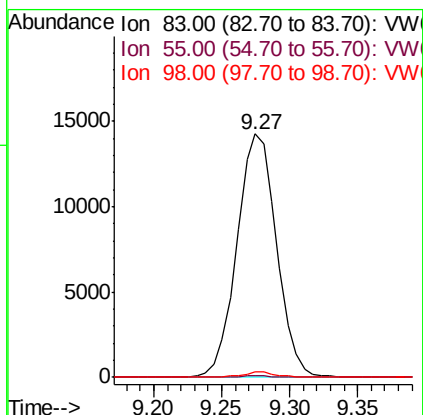
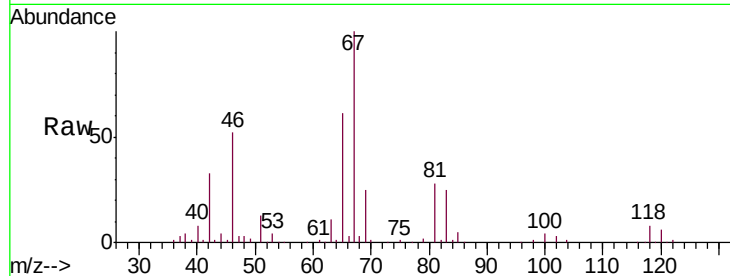




#36
Methylcyclohexane
Concen: 3.690 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017418.D
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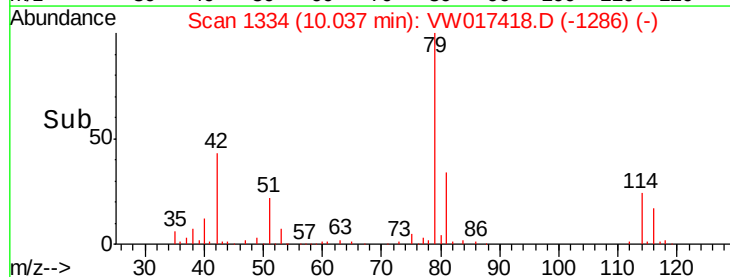
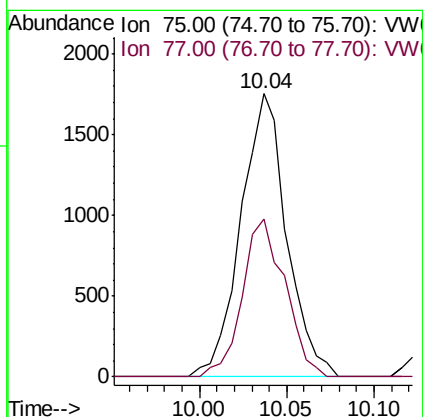
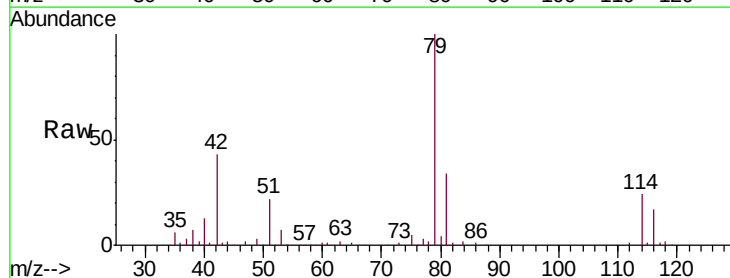
Instrument :
MSVOA_W
ClientSampled :
C0B04

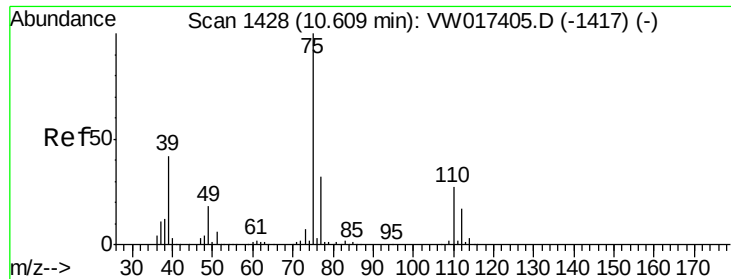
Tgt Ion: 83 Resp: 29006
Ion Ratio Lower Upper
83 100
55 0.4 54.6 81.8#
98 1.8 41.5 62.3#



#42
cis-1,3-Dichloropropene
Concen: 0.524 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017418.D
Acq: 20 Nov 2020 15:35

Tgt Ion: 75 Resp: 3200
Ion Ratio Lower Upper
75 100
77 56.0 21.8 40.4#





#45

trans-1,3-Dichloropropene

Concen: 0.413 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017418.D

Acq: 20 Nov 2020 15:35

Instrument :

MSVOA_W

ClientSampled :

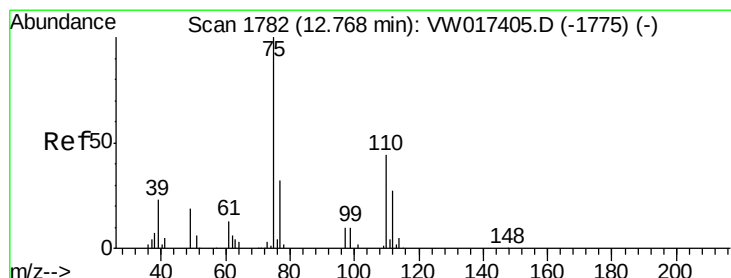
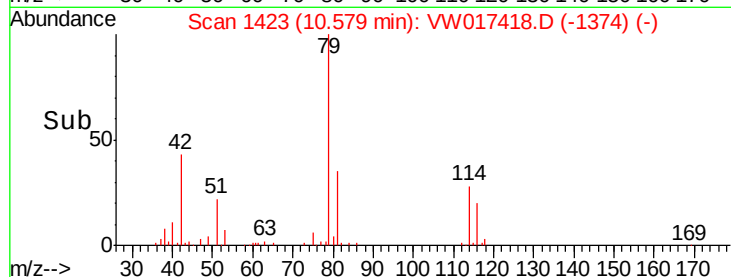
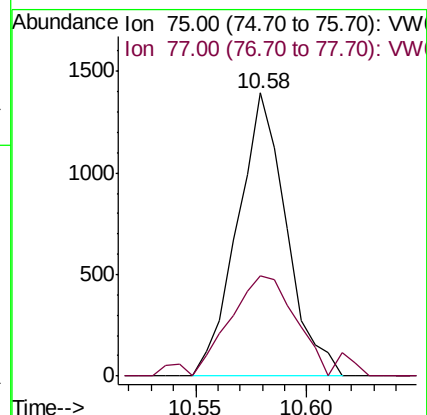
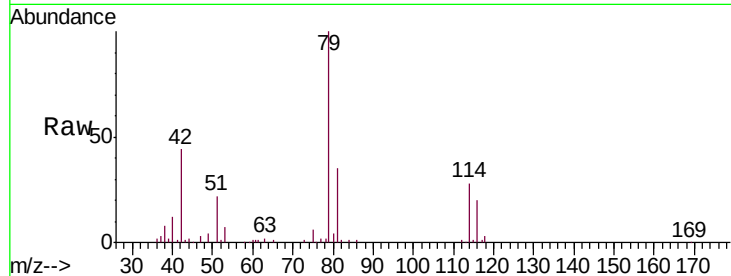
C0B04

Tgt Ion: 75 Resp: 2136

Ion Ratio Lower Upper

75 100

77 35.2 22.0 40.8



#59

1,2,3-Trichloropropane

Concen: 5.751 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017418.D

Acq: 20 Nov 2020 15:35

Tgt Ion: 75 Resp: 13944

Ion Ratio Lower Upper

75 100

77 34.6 26.6 40.0

