

Data File : VW017387.D
Acq On : 19 Nov 2020 22:23
Operator : SY/VA
Sample : L4794-08
Misc : 6.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BC2

Quant Time: Nov 20 04:39:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	375280	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351361	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166991	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	106054	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
7) Chloroethane-d5	2.89	69	89495	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.12%
10) 1,1-Dichloroethene-d2	4.02	63	141882	14.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.40%
20) 2-Butanone-d5	7.08	46	41304	45.27	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.54%
24) Chloroform-d	7.65	84	212811	21.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.36%
26) 1,2-Dichloroethane-d4	8.31	65	113158	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.00%
29) Benzene-d6	8.27	84	415787	20.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.96%
33) 1,2-Dichloropropane-d6	9.27	67	117039	22.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.72%
37) Toluene-d8	10.32	98	388360	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.32%
38) trans-1,3-Dichloropropene-	10.58	79	48105	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.76%
39) 2-Hexanone-d5	10.93	63	31351	44.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93114	23.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	137413	22.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.16%

Target Compounds

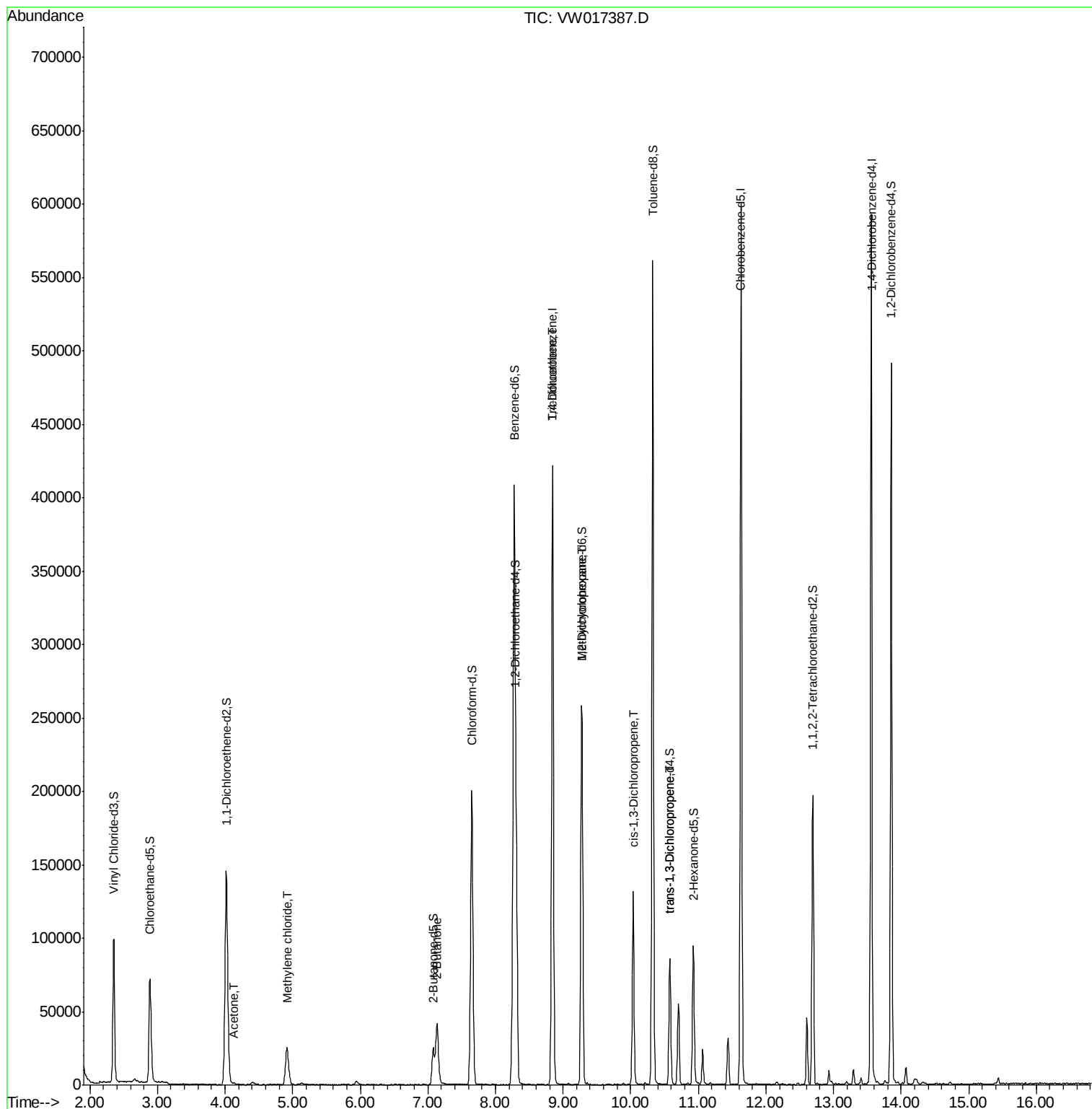
					Qvalue
13) Acetone	4.13	43	2076	3.118 ug/L	97
16) Methylene chloride	4.91	84	21950	3.419 ug/L	87
21) 2-Butanone	7.13	43	902	0.884 ug/L	75
35) Trichloroethene	8.85	95	10641	1.895 ug/L #	2
36) Methylcyclohexane	9.27	83	30669	3.419 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	3920	0.563 ug/L #	74
45) trans-1,3-Dichloropropene	10.58	75	2338	0.396 ug/L	85

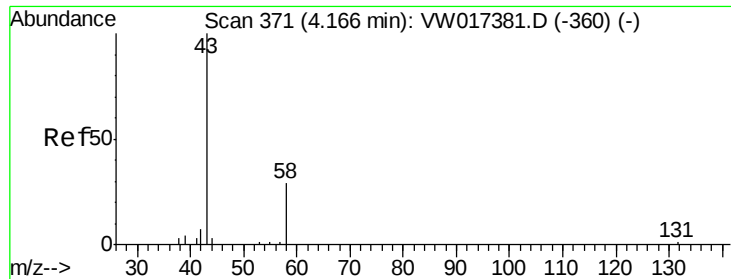
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.118 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.04 min

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Acq: 19 Nov 2020 22:23

Instrument :

MSVOA_W

ClientSampleId :

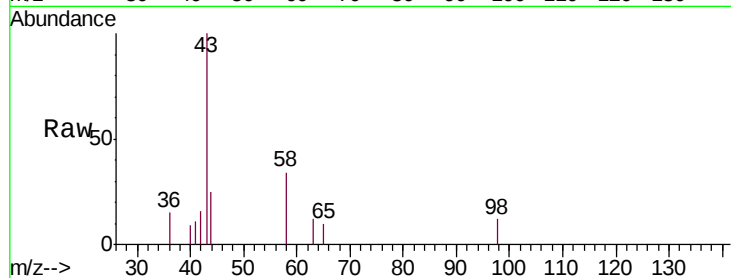
C0BC2

Tgt Ion: 43 Resp: 2076

Ion Ratio Lower Upper

43 100

58 32.0 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

600

400

200

0

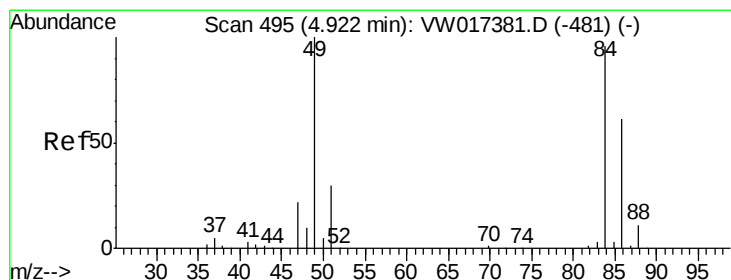
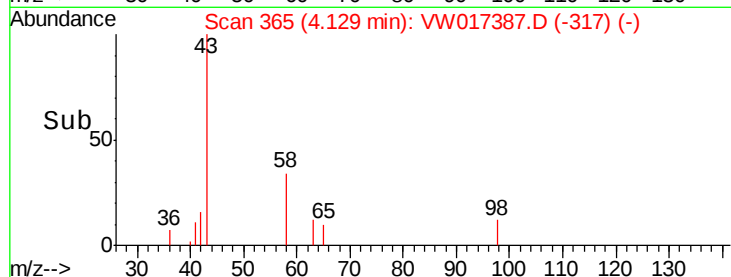
4.05

4.10

4.15

4.20

Time-->



#16

Methylene chloride

Concen: 3.419 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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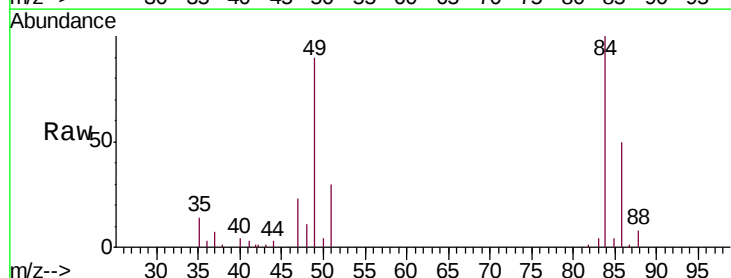
Tgt Ion: 84 Resp: 21950

Ion Ratio Lower Upper

84 100

49 90.4 71.5 132.9

86 50.1 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

8000

6000

4000

2000

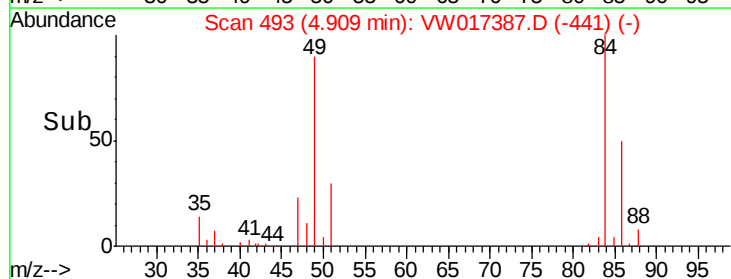
0

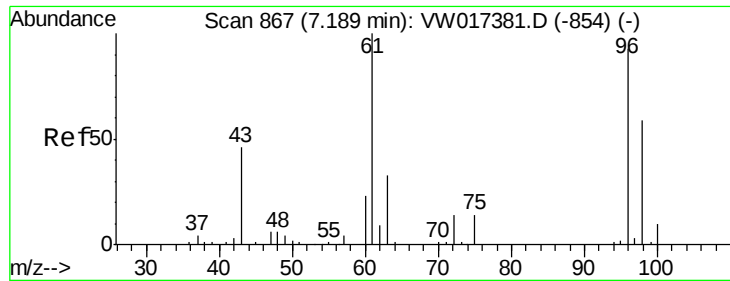
4.80

4.90

5.00

Time-->





#21

2-Butanone

Concen: 0.884 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.05 min

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Instrument :

MSVOA_W

ClientSampleId :

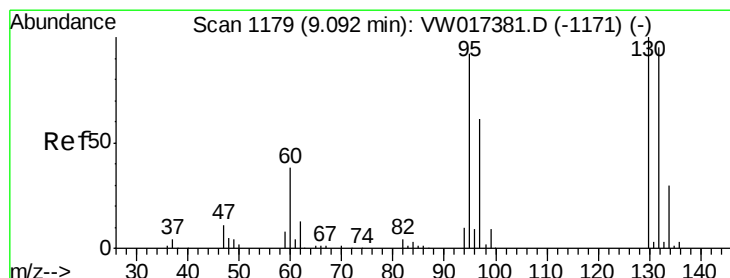
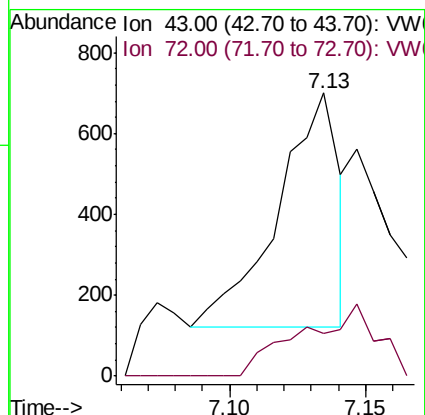
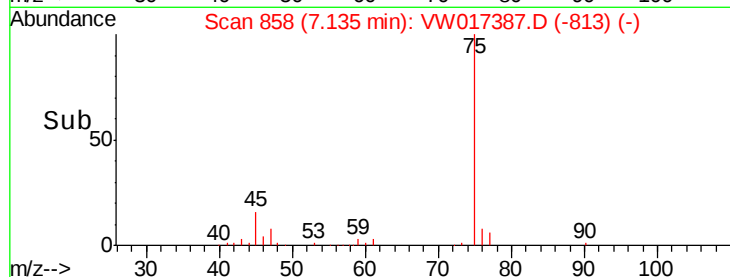
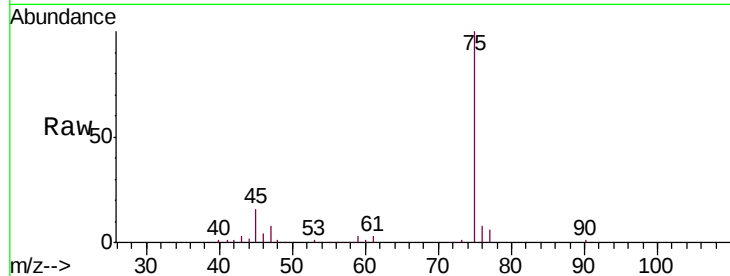
C0BC2

Tgt Ion: 43 Resp: 902

Ion Ratio Lower Upper

43 100

72 18.6 16.4 49.1



#35

Trichloroethene

Concen: 1.895 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017387.D

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Tgt Ion: 95 Resp: 10641

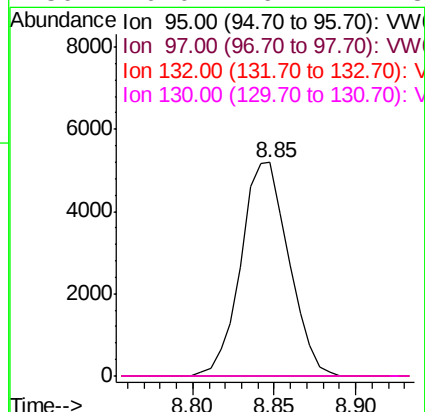
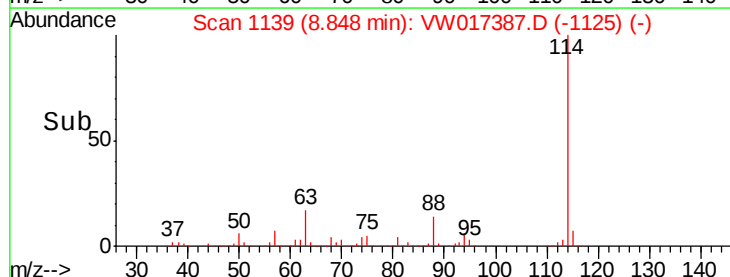
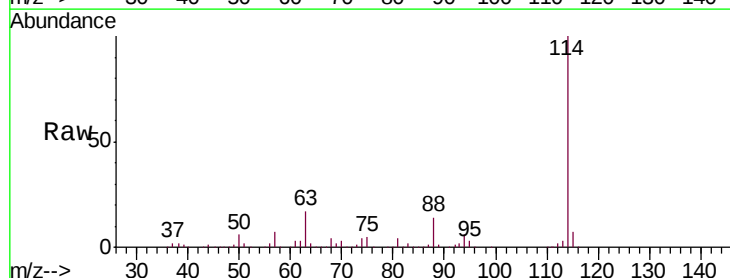
Ion Ratio Lower Upper

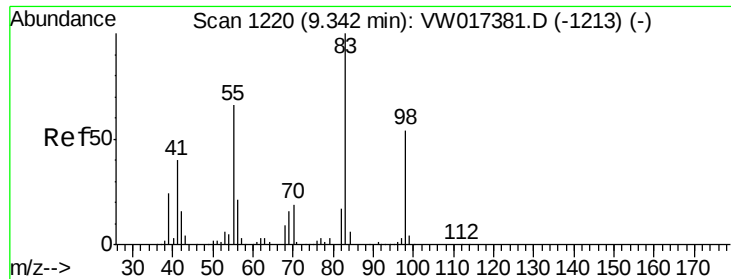
95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

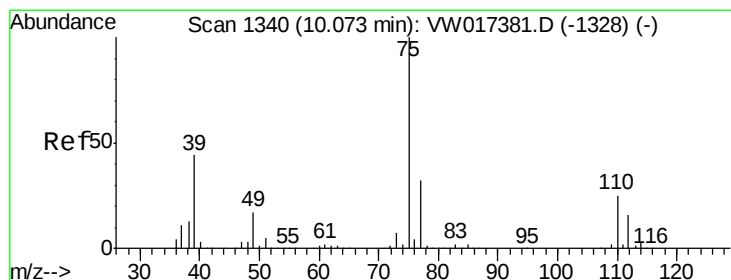
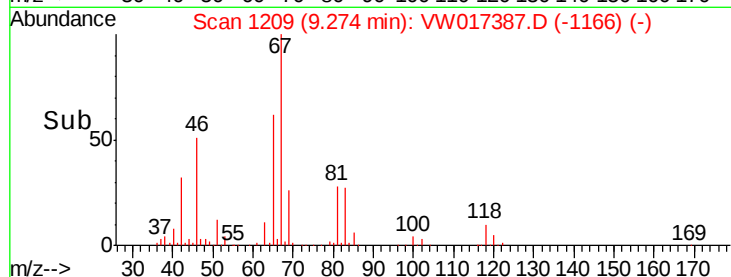
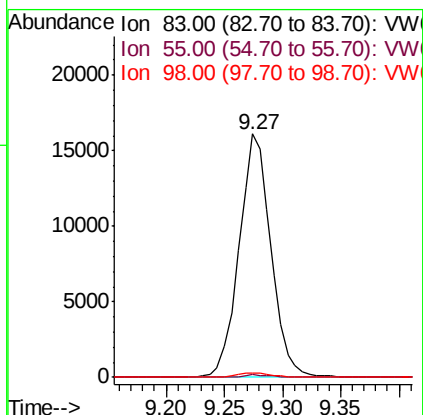
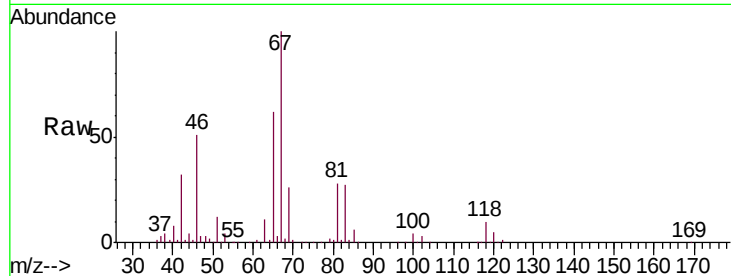




#36
Methylcyclohexane
Concen: 3.419 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.07 min
Lab File: VW017387.D
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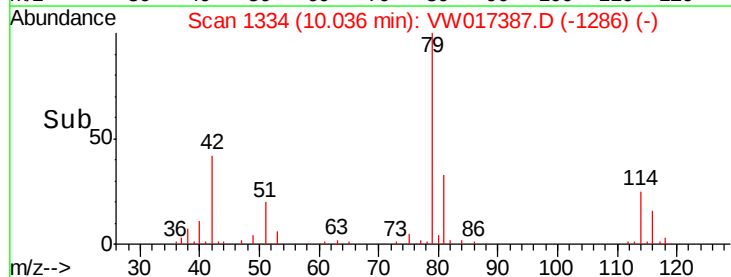
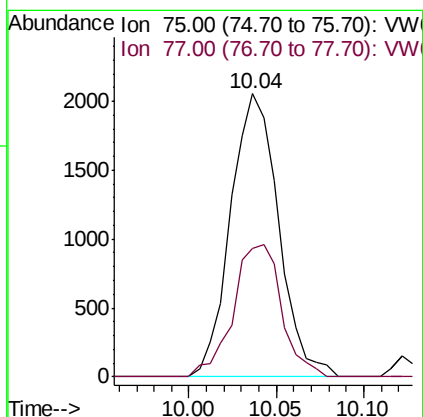
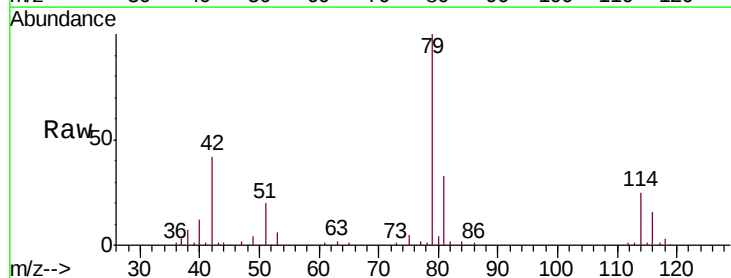
Instrument :
MSVOA_W
ClientSampled :
C0BC2

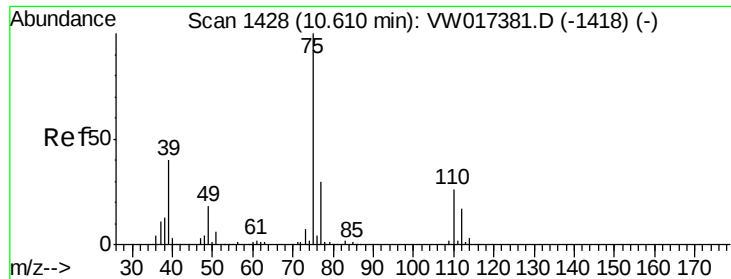
Tgt Ion: 83 Resp: 30669
Ion Ratio Lower Upper
83 100
55 0.8 54.6 81.8#
98 1.9 41.5 62.3#



#42
cis-1,3-Dichloropropene
Concen: 0.563 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017387.D
Acq: 19 Nov 2020 22:23

Tgt Ion: 75 Resp: 3920
Ion Ratio Lower Upper
75 100
77 45.6 21.8 40.4#





#45

trans-1,3-Dichloropropene

Concen: 0.396 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017387.D

Acq: 19 Nov 2020 22:23

Instrument :

MSVOA_W

ClientSampleId :

C0BC2

Tgt Ion: 75 Resp: 2338

Ion Ratio Lower Upper

75 100

77 39.5 22.0 40.8

