

Data File : VW007995.D
Acq On : 28 Dec 2018 09:27
Operator : SY/AP
Sample : VW1228SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK92

Quant Time: Dec 28 22:37:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 22:34:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	92698	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	86932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	42024	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22703	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
7) Chloroethane-d5	2.90	69	16537	26.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.48%
10) 1,1-Dichloroethene-d2	4.01	63	44603	18.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.12%
20) 2-Butanone-d5	7.08	46	18325	47.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.08%
24) Chloroform-d	7.65	84	59692	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	8.31	65	36888	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.80%
29) Benzene-d6	8.27	84	114747	23.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.16%
33) 1,2-Dichloropropane-d6	9.27	67	30127	22.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.88%
37) Toluene-d8	10.32	98	106669	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.84%
38) trans-1,3-Dichloropropene-	10.58	79	17055	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.60%
39) 2-Hexanone-d5	10.93	63	14550	42.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29453	23.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	40702	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

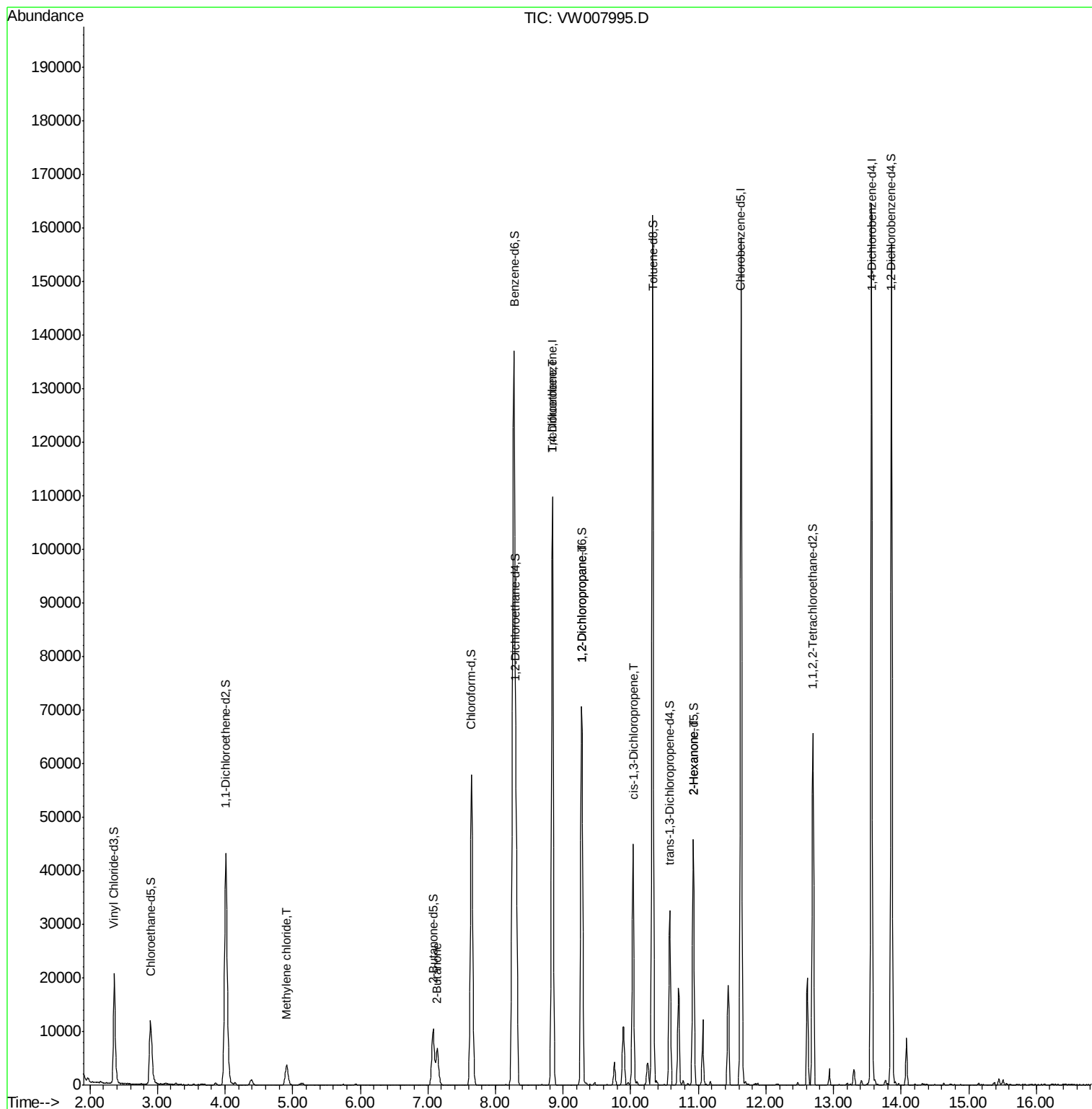
						Qvalue
16) Methylene chloride	4.92	84	3202	2.135	ug/L	93
21) 2-Butanone	7.15	43	345	0.797	ug/L #	46
35) Trichloroethene	8.84	95	3141	2.324	ug/L #	5
40) 1,2-Dichloropropane	9.27	63	4090	3.740	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1337	0.700	ug/L	88
49) 2-Hexanone	10.92	43	1930	3.091	ug/L #	59

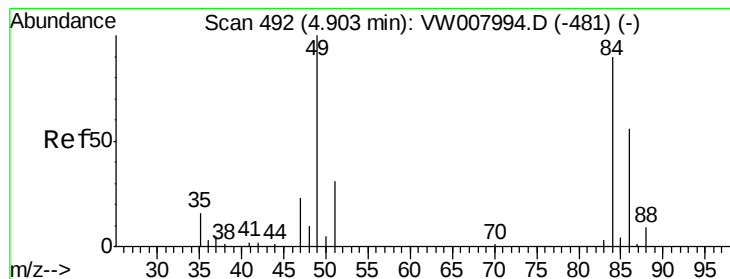
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 28 22:34:20 2018
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#16

Methylene chloride

Concen: 2.135 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

VBLK92

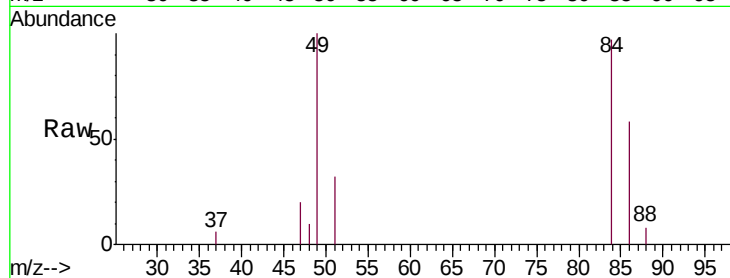
Tgt Ion: 84 Resp: 3202

Ion Ratio Lower Upper

84 100

49 103.3 79.2 147.0

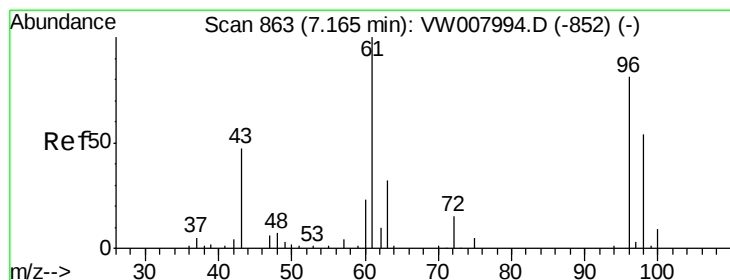
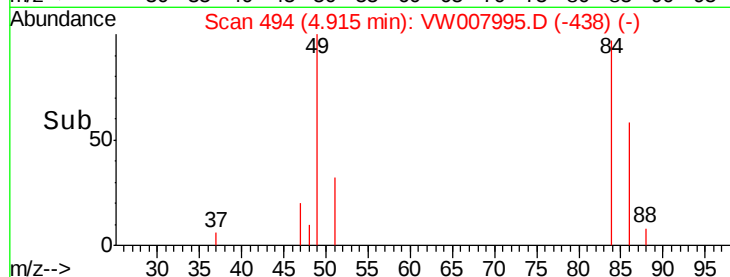
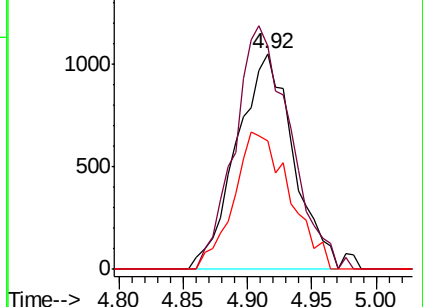
86 59.6 43.2 80.2



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



#21

2-Butanone

Concen: 0.797 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007995.D

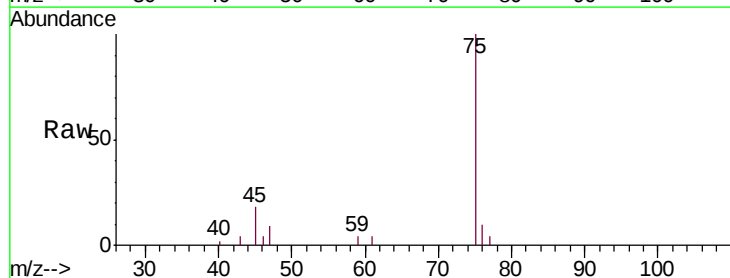
Acq: 28 Dec 2018 09:27

Tgt Ion: 43 Resp: 345

Ion Ratio Lower Upper

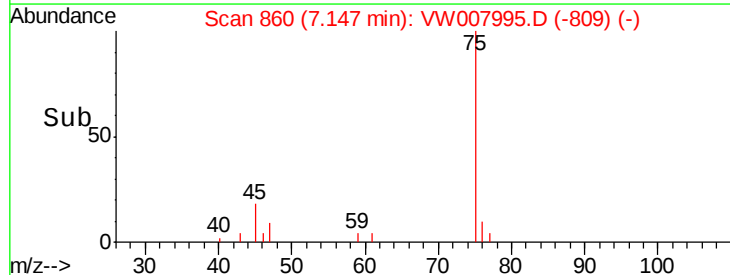
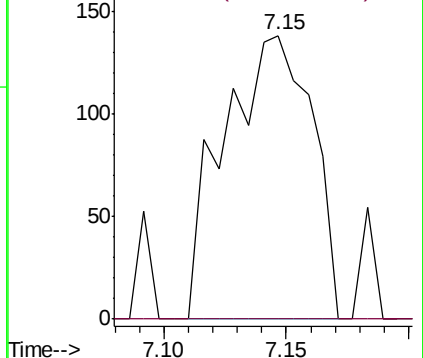
43 100

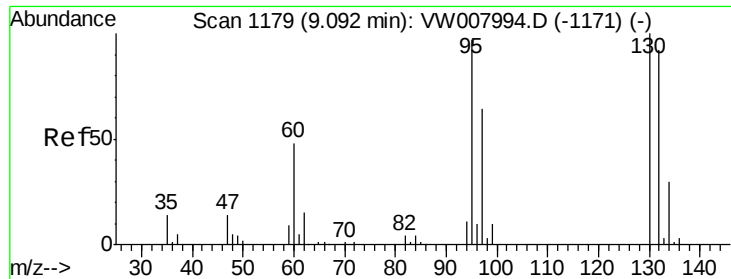
72 0.0 14.4 43.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.324 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

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Instrument :

MSVOA_W

ClientSampleId :

VBLK92

Tgt Ion: 95 Resp: 3141

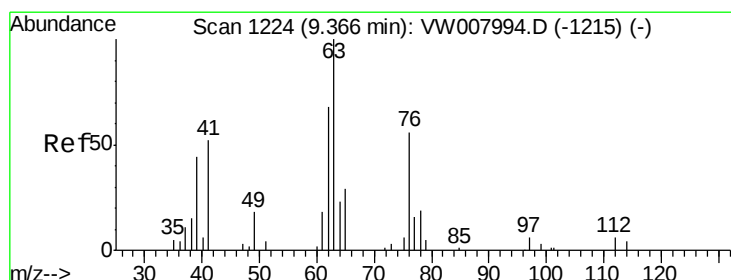
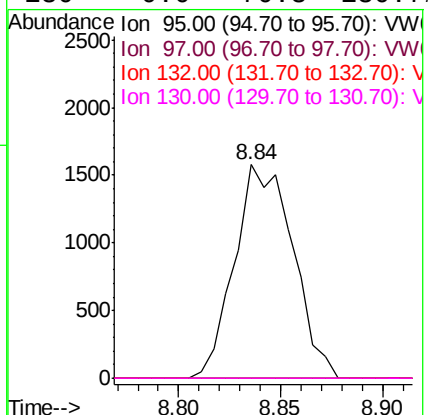
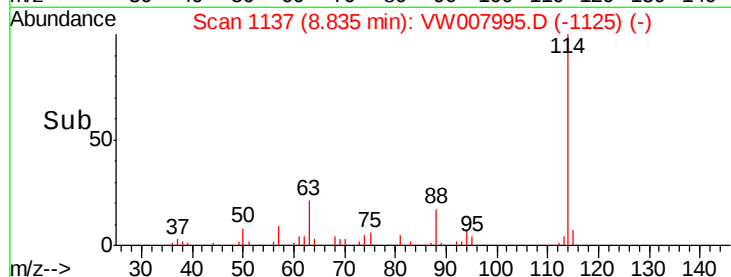
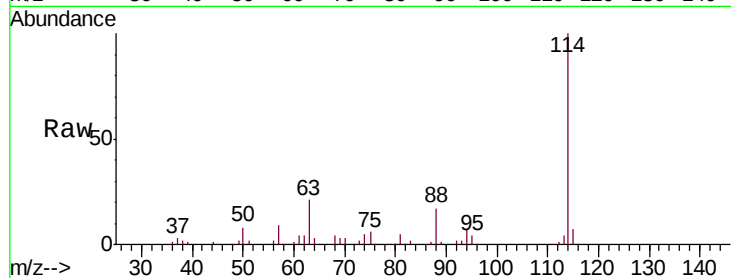
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#



#40

1,2-Dichloropropane

Concen: 3.740 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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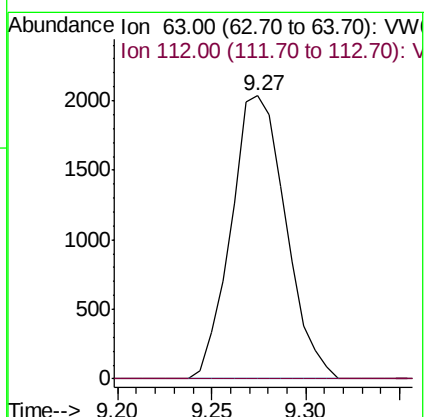
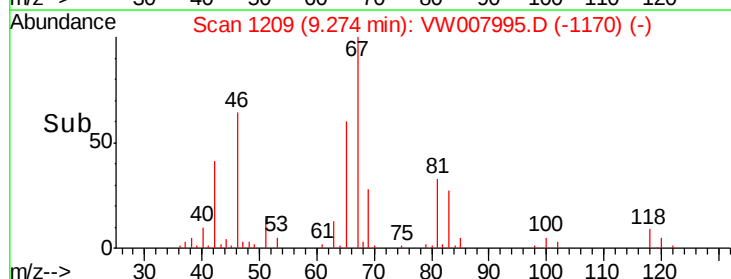
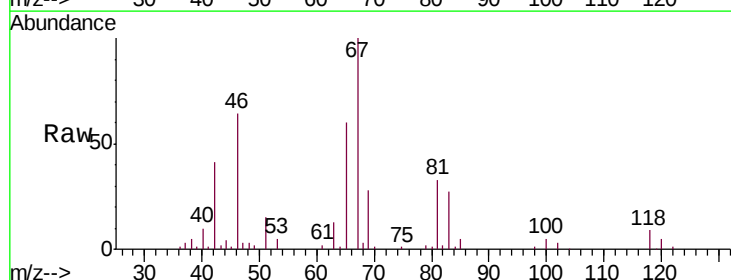
Acq: 28 Dec 2018 09:27

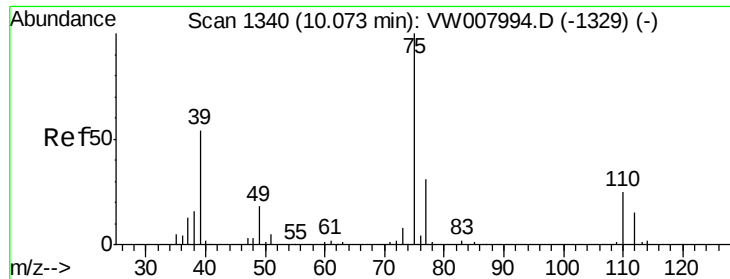
Tgt Ion: 63 Resp: 4090

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#

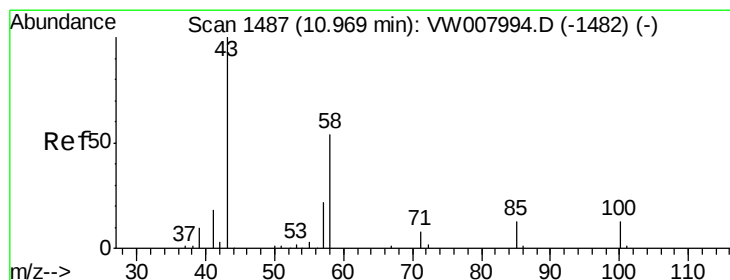
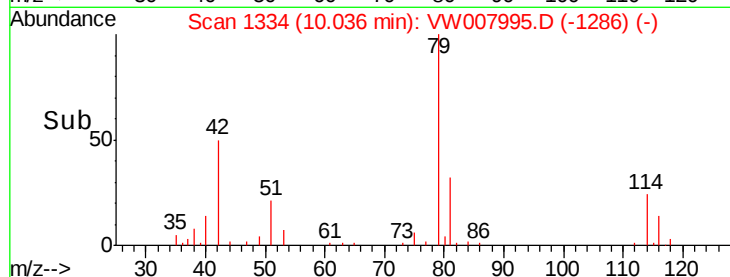
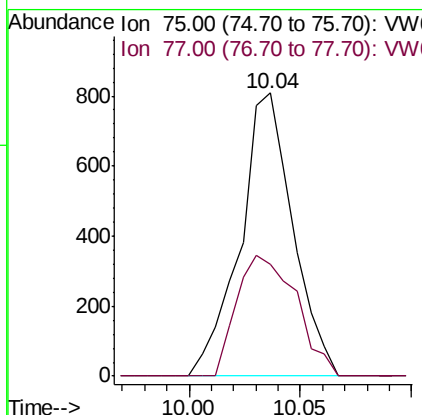
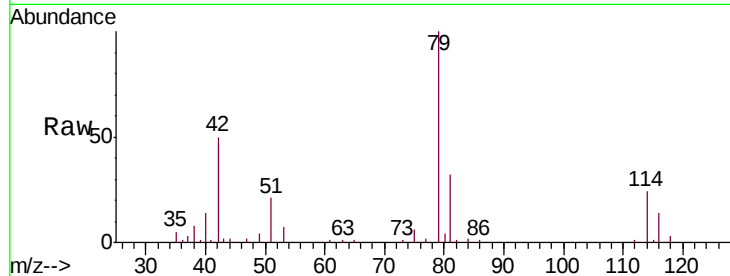




#42
 cis-1,3-Dichloropropene
 Concen: 0.700 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007995.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK92

Tgt Ion: 75 Resp: 1337
 Ion Ratio Lower Upper
 75 100
 77 39.5 23.0 42.8



#49
 2-Hexanone
 Concen: 3.091 ug/L
 RT: 10.92 min Scan# 1479
 Delta R.T. -0.05 min
 Lab File: VW007995.D
 Acq: 28 Dec 2018 09:27

Tgt Ion: 43 Resp: 1930
 Ion Ratio Lower Upper
 43 100
 58 17.7 46.2 69.4#
 57 27.2 17.9 26.9#
 100 0.0 11.4 17.2#

