

Data File : VW009672.D
Acq On : 03 Apr 2019 22:11
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Apr 04 02:07:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	543153	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	512824	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	253315	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	214604	30.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.76%
7) Chloroethane-d5	2.89	69	163151	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.24%
10) 1,1-Dichloroethene-d2	4.01	63	335785	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.88%
20) 2-Butanone-d5	7.08	46	164853	71.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.88%#
24) Chloroform-d	7.64	84	390705	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	8.15	65	55	0.01	ug/L	-0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	768055	28.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.12%
33) 1,2-Dichloropropane-d6	9.27	67	228667	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	10.32	98	698830	28.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.32%
38) trans-1,3-Dichloropropene-	10.57	79	106593	26.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.52%
39) 2-Hexanone-d5	10.93	63	105139	67.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	220266	28.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	255026	28.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.76%

Target Compounds

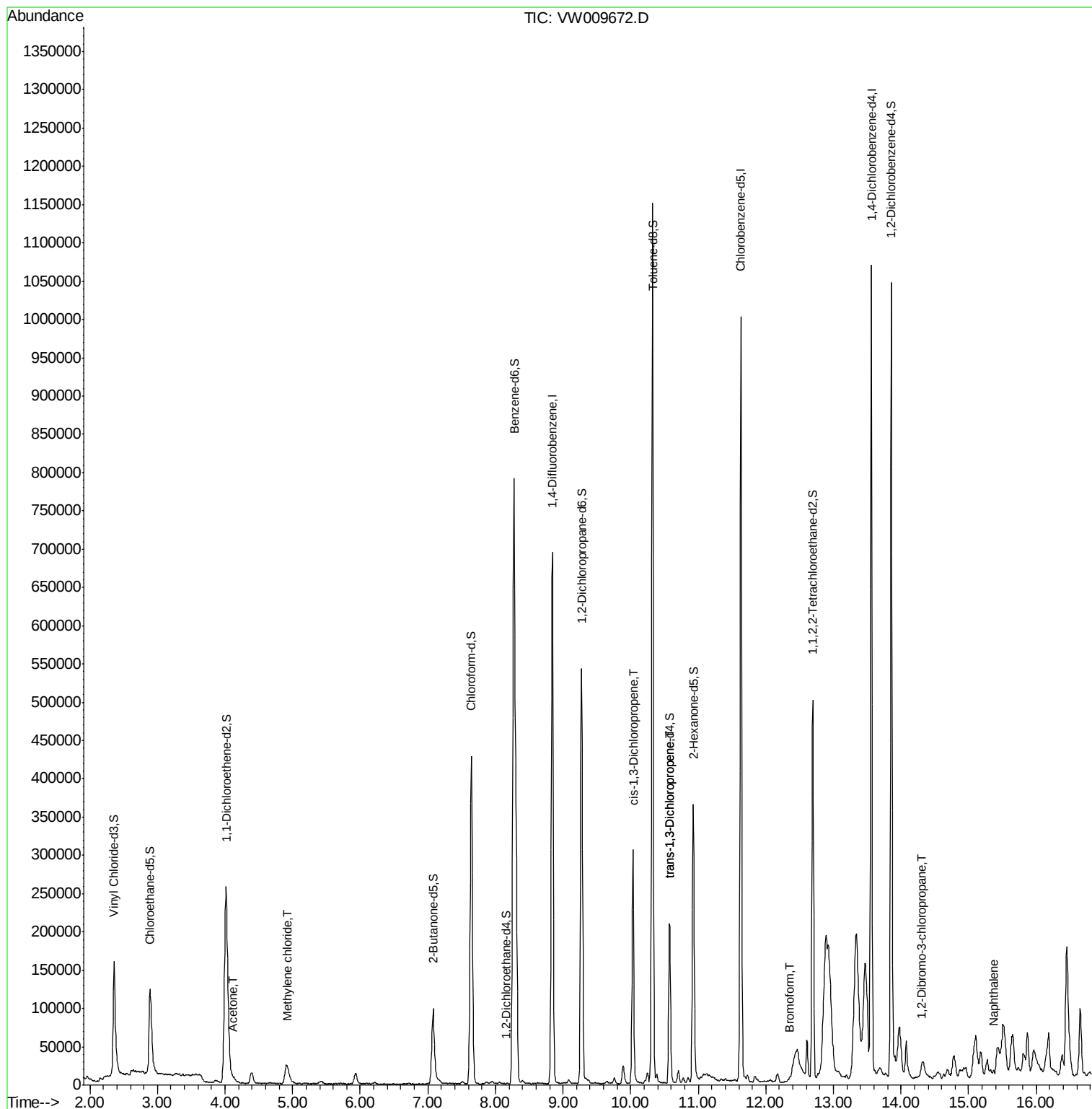
					Qvalue
13) Acetone	4.12	43	3740	1.513 ug/L	98
16) Methylene chloride	4.92	84	21936	2.290 ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	9341	0.763 ug/L #	53
45) trans-1,3-Dichloropropene	10.57	75	6303	0.597 ug/L	90
62) Bromoform	12.35	173	1035	0.232 ug/L #	72
66) 1,2-Dibromo-3-chloropropan	14.30	75	1417	0.971 ug/L #	83
69) Naphthalene	15.37	128	6044	0.322 ug/L #	87

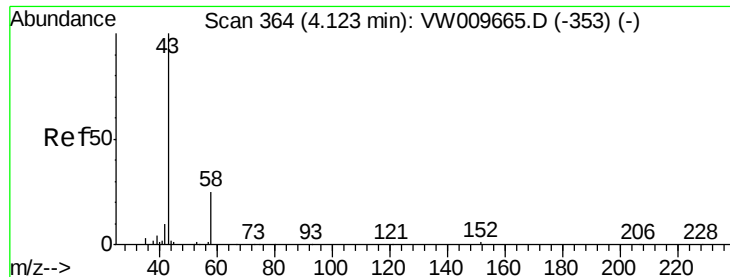
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.513 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 03 Apr 2019 22:11

Instrument :

MSVOA_W

ClientSampled :

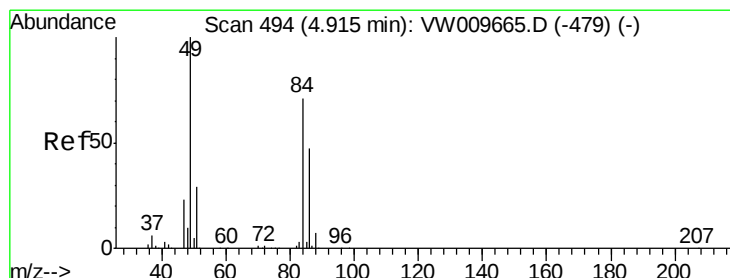
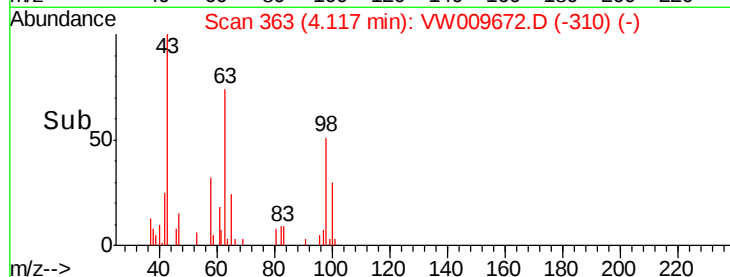
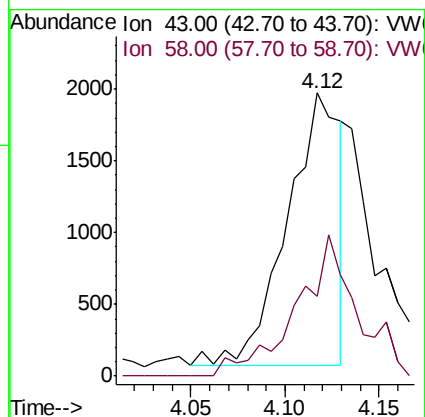
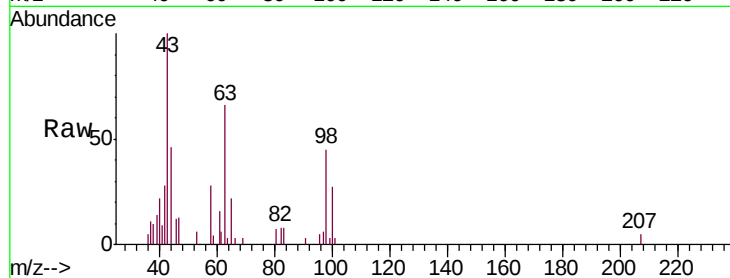
VIBLK

Tgt Ion: 43 Resp: 3740

Ion Ratio Lower Upper

43 100

58 27.4 0.0 53.0



#16

Methylene chloride

Concen: 2.290 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009672.D

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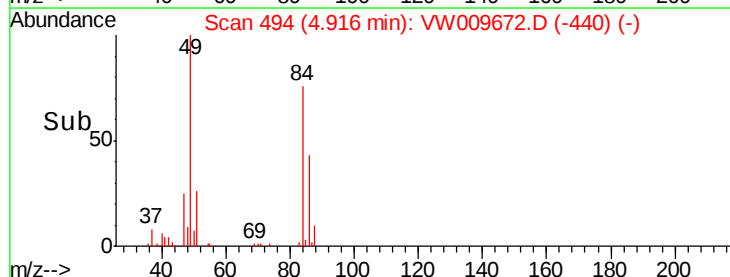
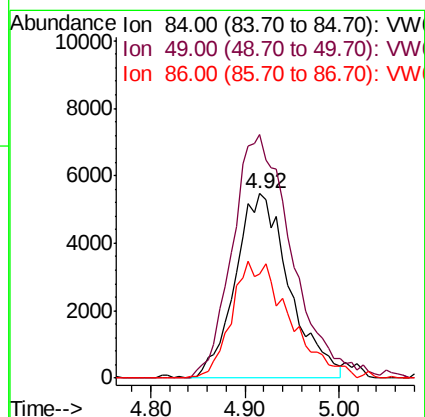
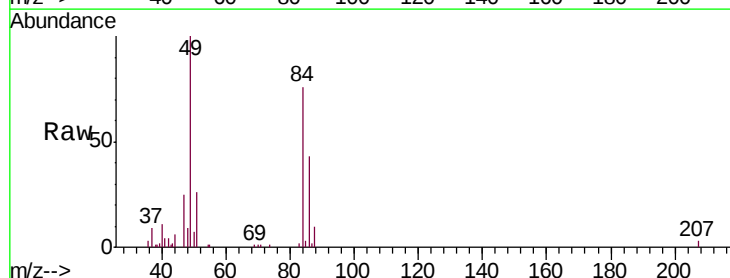
Tgt Ion: 84 Resp: 21936

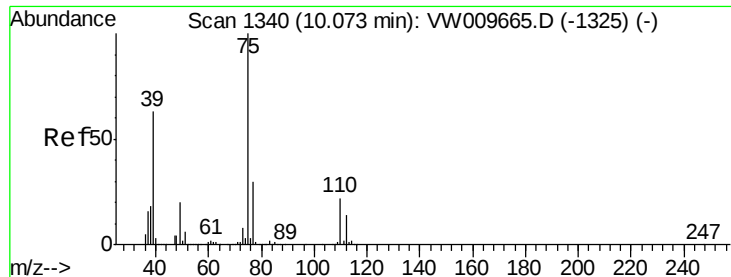
Ion Ratio Lower Upper

84 100

49 132.0 98.3 182.5

86 56.3 46.4 86.2





#42

cis-1,3-Dichloropropene

Concen: 0.763 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Acq: 03 Apr 2019 22:11

Instrument :

MSVOA_W

ClientSampled :

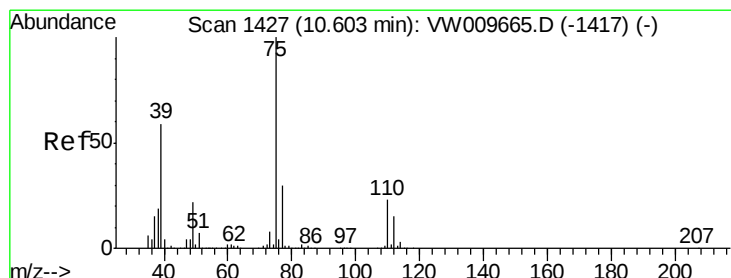
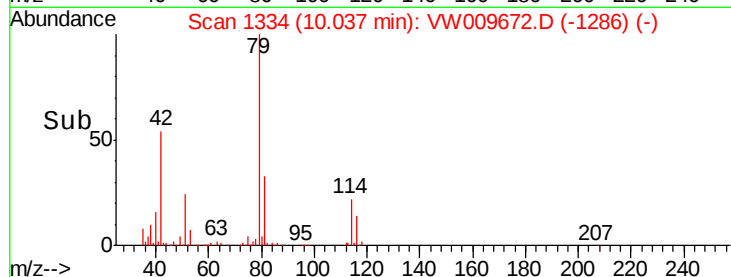
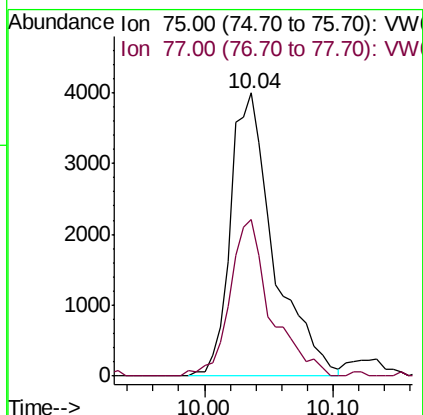
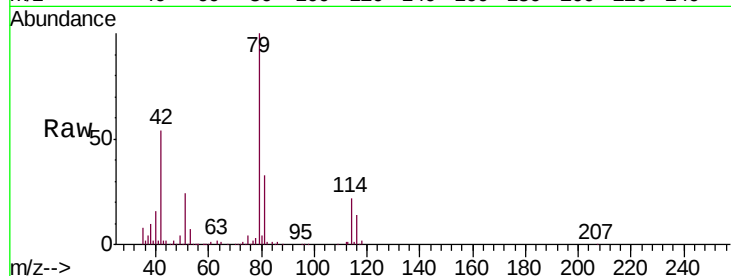
VIBLK

Tgt Ion: 75 Resp: 9341

Ion Ratio Lower Upper

75 100

77 55.4 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.597 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009672.D

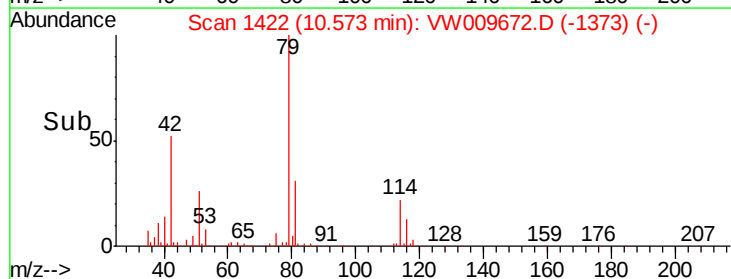
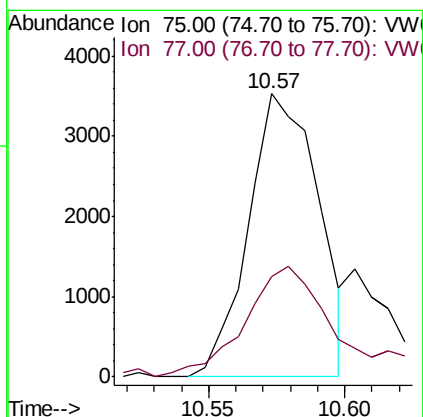
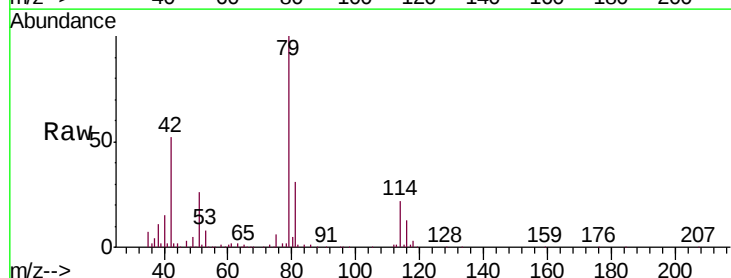
Acq: 03 Apr 2019 22:11

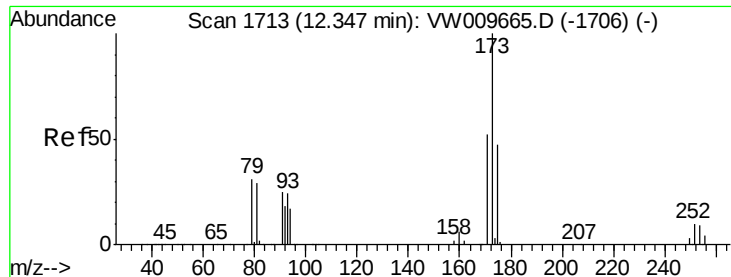
Tgt Ion: 75 Resp: 6303

Ion Ratio Lower Upper

75 100

77 35.6 21.1 39.3





#62

Bromoform

Concen: 0.232 ug/L

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW009672.D

Acq: 03 Apr 2019 22:11

Instrument :

MSVOA_W

ClientSampled :

VIBLK

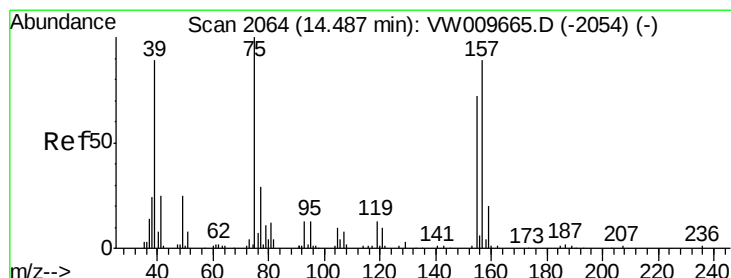
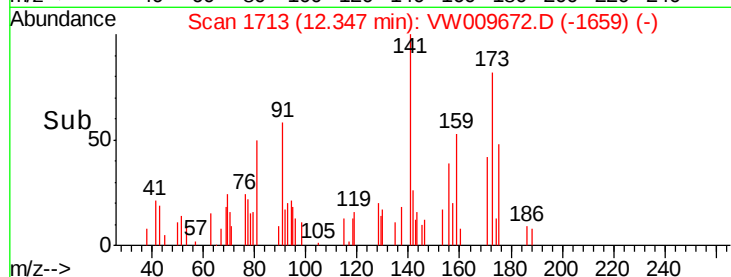
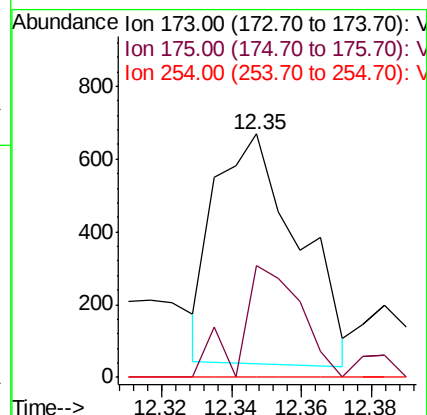
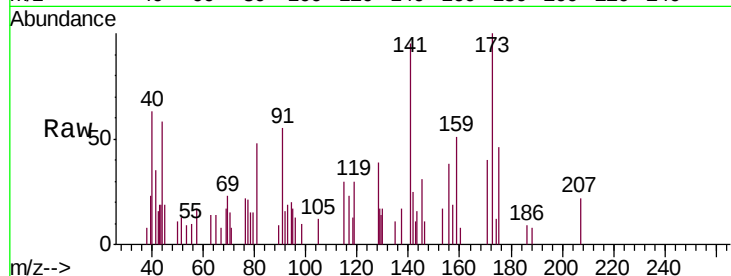
Tgt Ion:173 Resp: 1035

Ion Ratio Lower Upper

173 100

175 30.4 39.4 59.2#

254 0.0 8.5 12.7#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.971 ug/L

RT: 14.30 min Scan# 2034

Delta R.T. -0.18 min

Lab File: VW009672.D

Acq: 03 Apr 2019 22:11

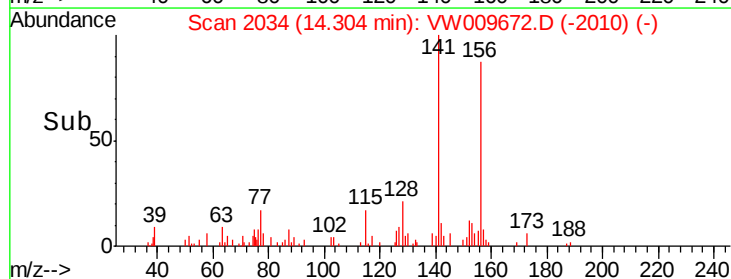
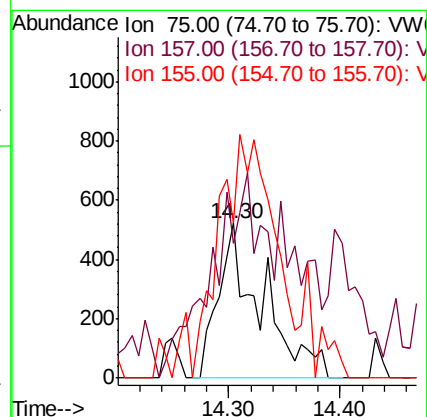
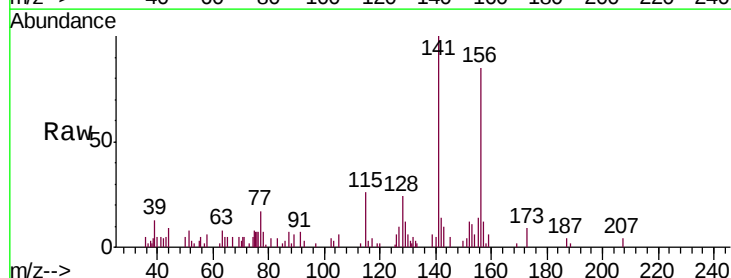
Tgt Ion: 75 Resp: 1417

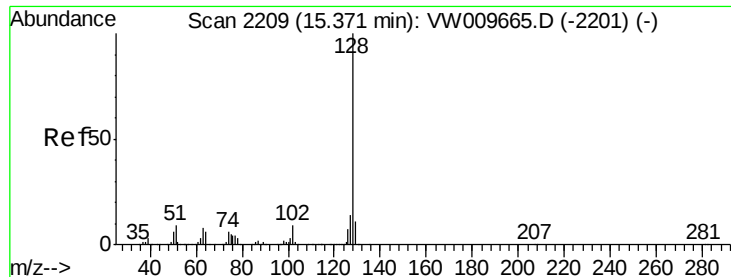
Ion Ratio Lower Upper

75 100

157 86.6 77.2 115.8

155 99.8 61.9 92.9#





#69

Naphthalene

Concen: 0.322 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

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ClientSampleId :

VIBLK

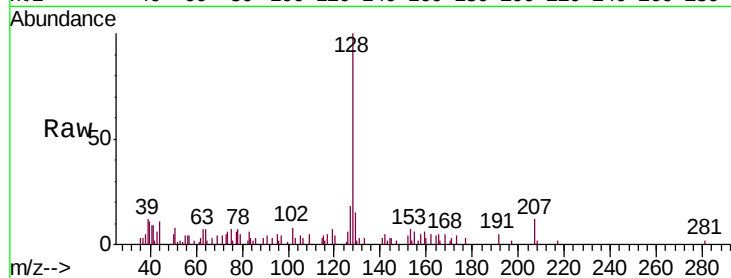
Tgt Ion:128 Resp: 6044

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

