

Data File : VV008057.D
Acq On : 04 Oct 2018 12:33
Operator : SY/MD
Sample : J5185-12
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLC92

Quant Time: Oct 05 05:20:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:20:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	94736	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53765	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21188	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.59	69	19672	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.13	63	33516	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	3.98	46	67199	43.99	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.98%
24) Chloroform-d	4.41	84	55344	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	28058	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.10	84	102240	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	33880	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	96450	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	11308	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.14	63	55878	47.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24601	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	45734	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

					Qvalue
8) Chloroethane	1.60	64	718	0.157	ug/L 98
13) Acetone	2.23	43	5519	4.959	ug/L 77
16) Methylene chloride	2.54	84	897	0.129	ug/L 91
21) 2-Butanone	4.07	43	2987	1.685	ug/L # 50
25) Chloroform	4.43	83	30333	2.381	ug/L 99
30) Cyclohexane	4.82	56	1324	0.128	ug/L # 16
35) Methylcyclohexane	6.12	83	8028	0.716	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	3563	0.534	ug/L # 87
38) Bromodichloromethane	6.56	83	1317	0.165	ug/L # 89
39) cis-1,3-Dichloropropene	7.03	75	838	0.094	ug/L 88
42) Toluene	7.43	91	2812	0.099	ug/L 85
44) trans-1,3-Dichloropropene	7.98	75	836	0.113	ug/L 93
59) 1,2,3-Trichloropropane	10.42	75	1943	0.468	ug/L # 57
66) 1,2-Dibromo-3-chloropropan	12.30	75	3858	4.526	ug/L # 6
69) Naphthalene	13.56	128	1363	0.076	ug/L # 81

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:20:32 2018
Response via : Initial Calibration

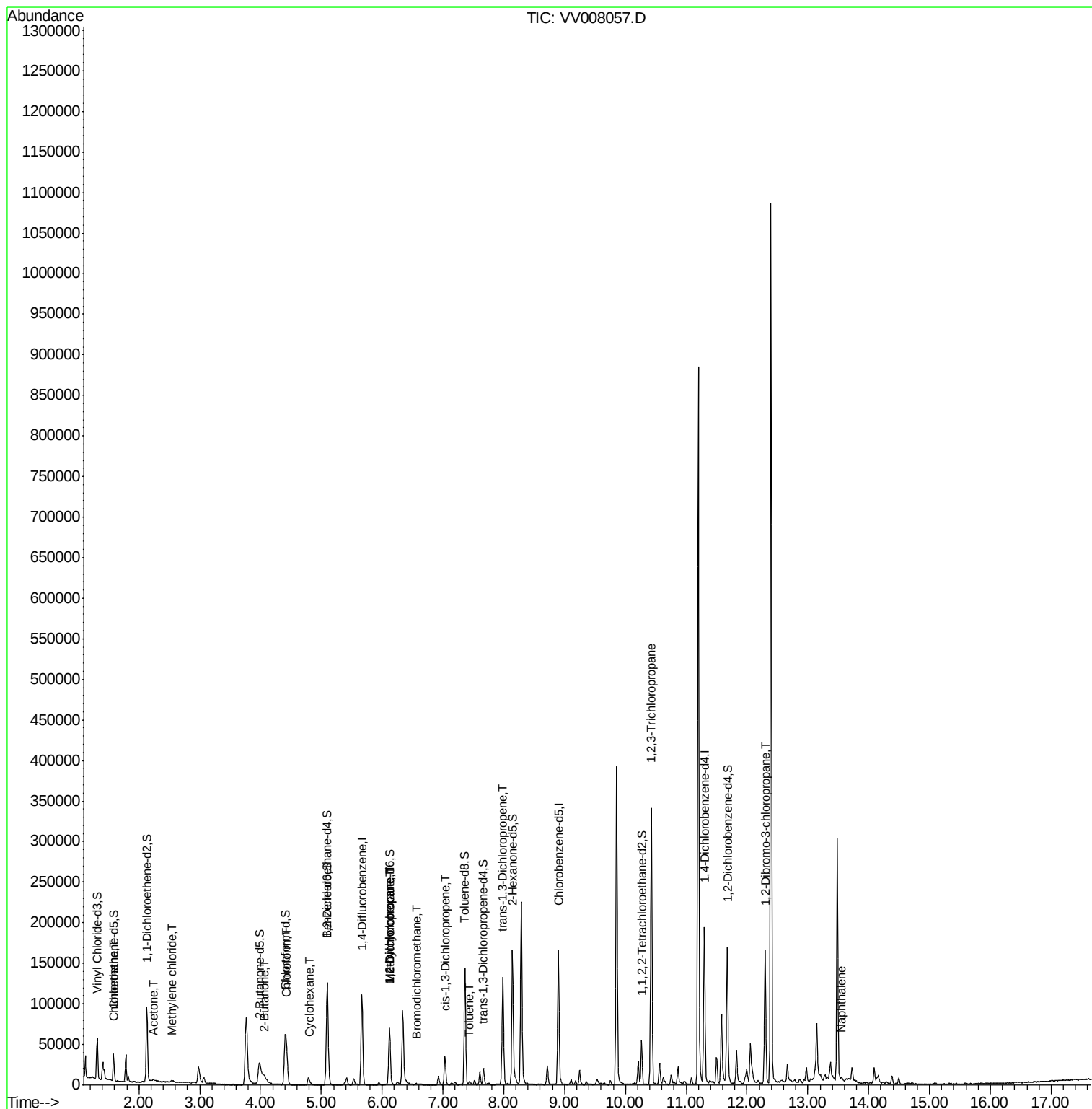
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

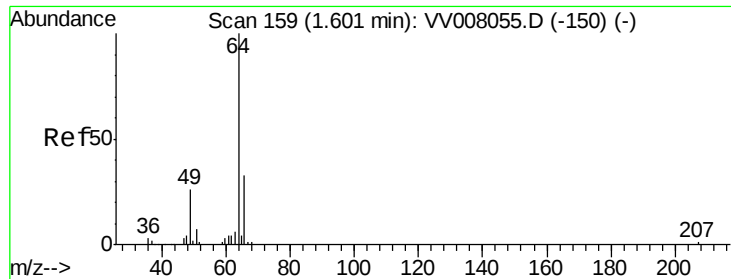
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#8

Chloroethane

Concen: 0.157 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV008057.D

Acq: 04 Oct 2018 12:33

Instrument :

MSVOA_V

ClientSampleId :

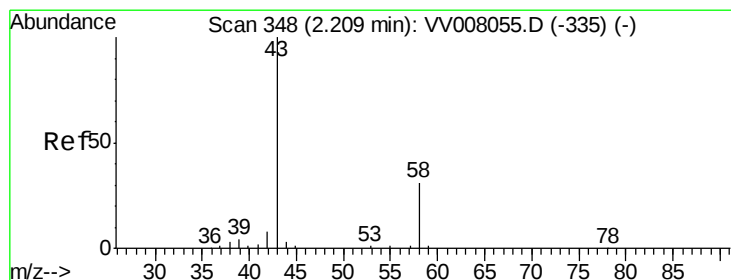
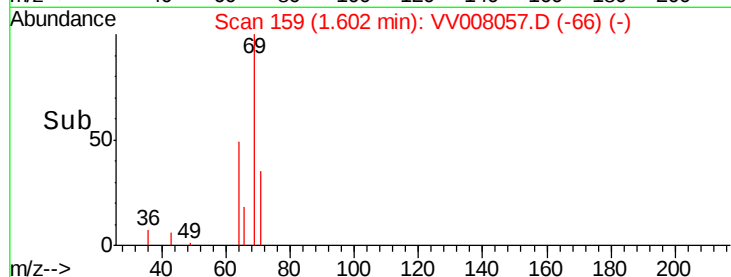
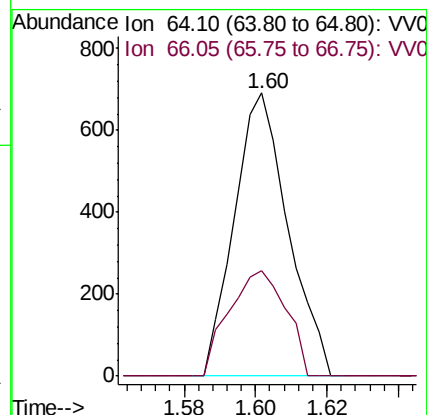
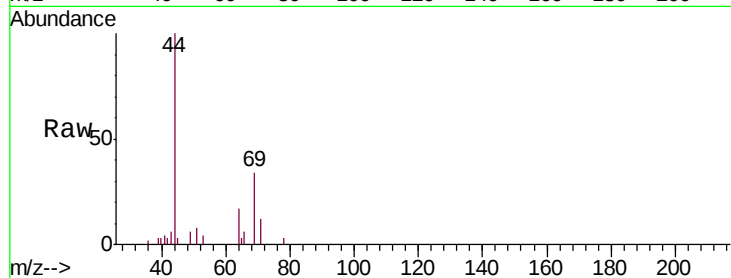
JLC92

Tgt Ion: 64 Resp: 718

Ion Ratio Lower Upper

64 100

66 32.0 23.1 42.9



#13

Acetone

Concen: 4.959 ug/L

RT: 2.23 min Scan# 355

Delta R.T. 0.02 min

Lab File: VV008057.D

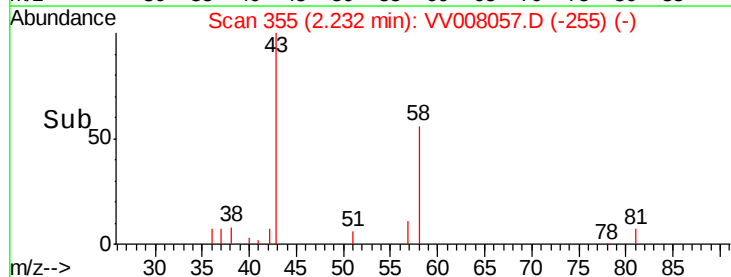
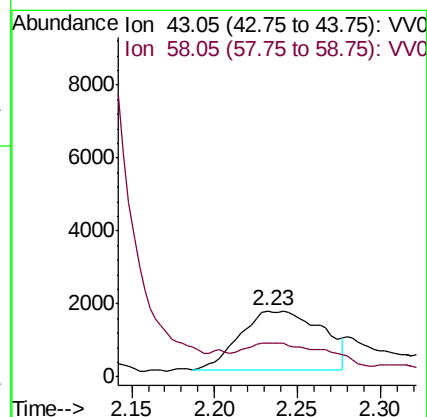
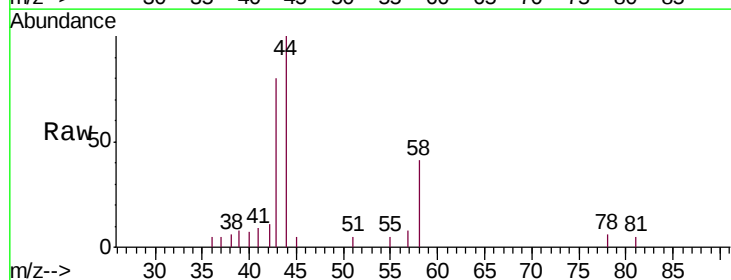
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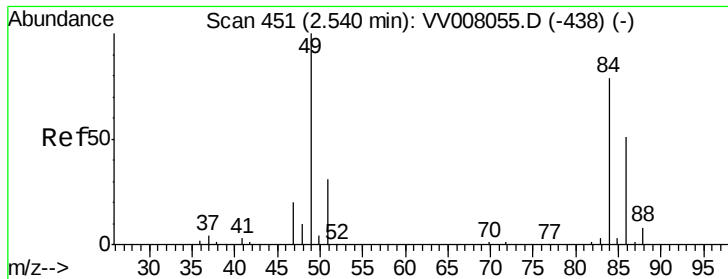
Tgt Ion: 43 Resp: 5519

Ion Ratio Lower Upper

43 100

58 43.9 0.0 62.0

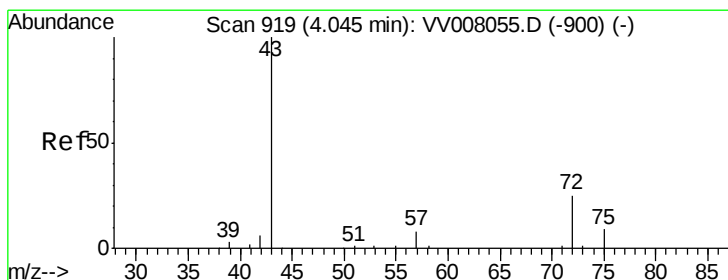
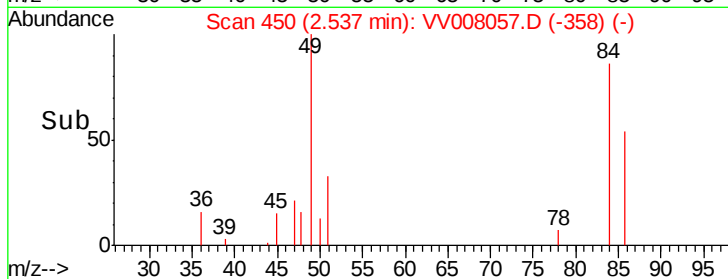
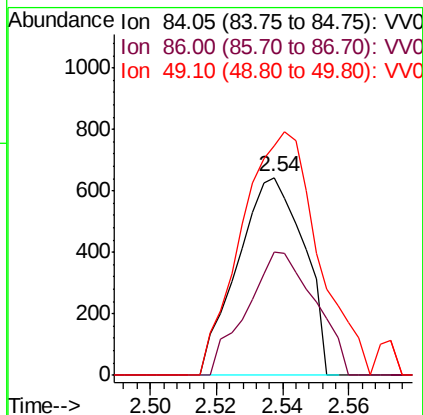
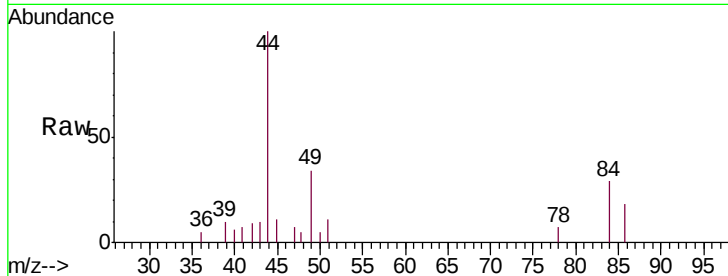




#16
Methylene chloride
Concen: 0.129 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008057.D
Acq: 04 Oct 2018 12:33

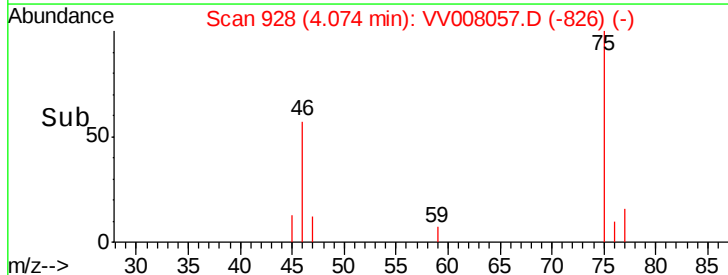
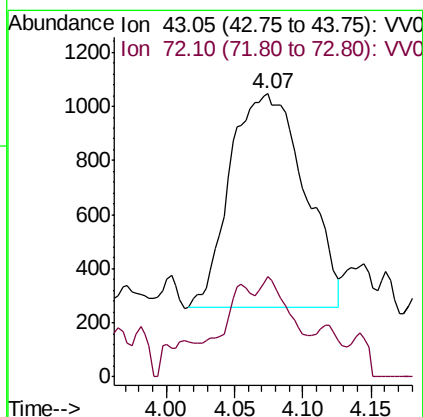
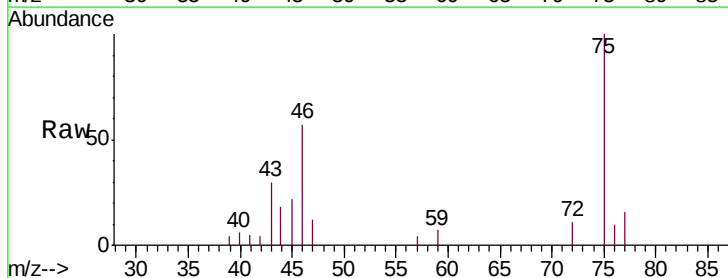
Instrument :
MSVOA_V
ClientSampled :
JLC92

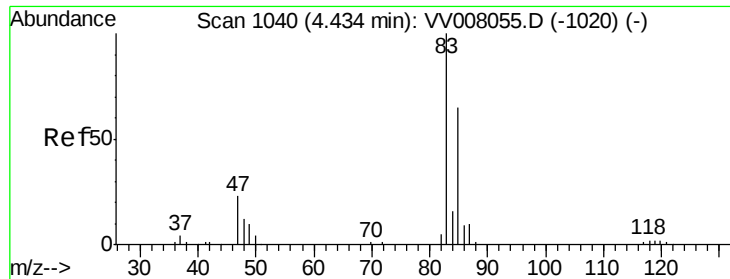
Tgt Ion: 84 Resp: 897
Ion Ratio Lower Upper
84 100
86 62.2 47.3 87.8
49 116.2 90.0 167.2



#21
2-Butanone
Concen: 1.685 ug/L
RT: 4.07 min Scan# 928
Delta R.T. 0.03 min
Lab File: VV008057.D
Acq: 04 Oct 2018 12:33

Tgt Ion: 43 Resp: 2987
Ion Ratio Lower Upper
43 100
72 0.0 12.5 37.5#

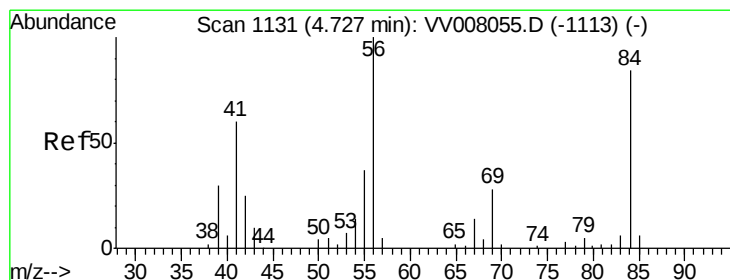
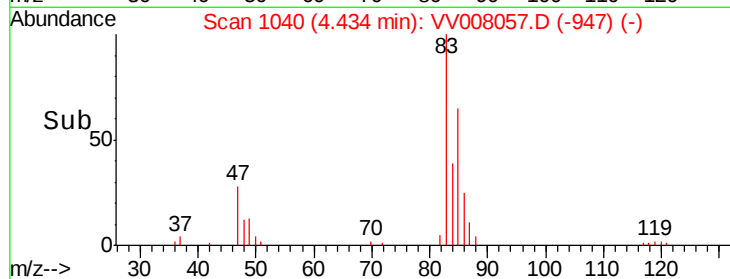
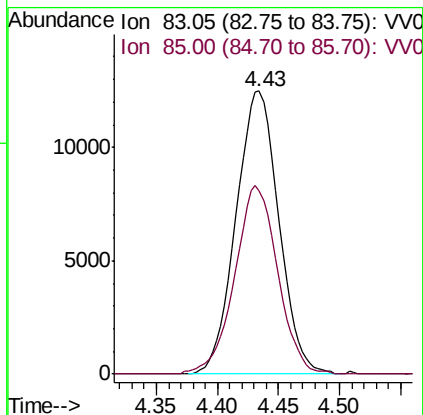
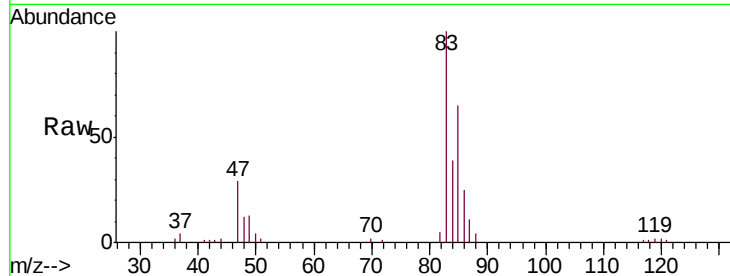




#25
Chloroform
Concen: 2.381 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008057.D
Acq: 04 Oct 2018 12:33

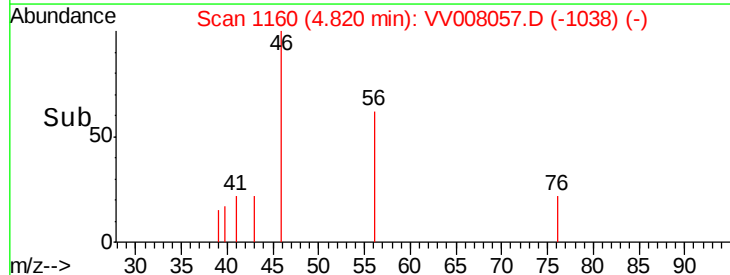
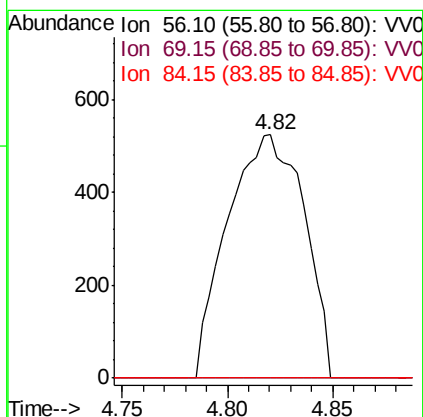
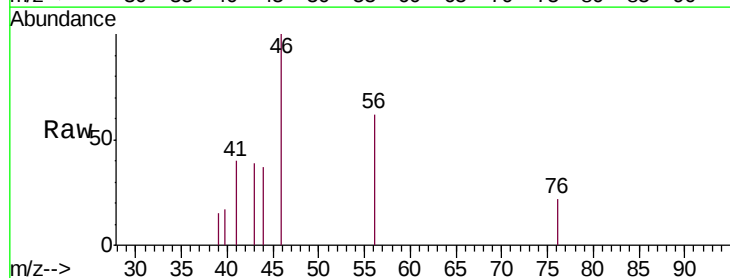
Instrument :
MSVOA_V
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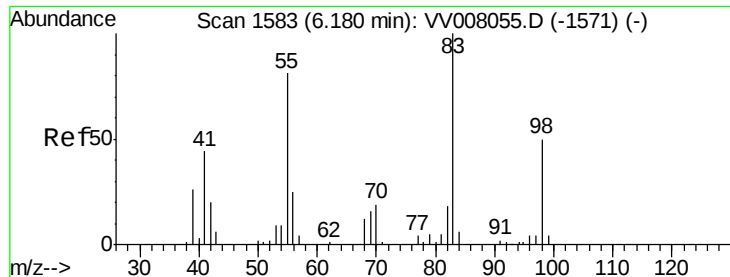
Tgt Ion: 83 Resp: 30333
Ion Ratio Lower Upper
83 100
85 65.0 44.8 83.2



#30
Cyclohexane
Concen: 0.128 ug/L
RT: 4.82 min Scan# 1160
Delta R.T. 0.09 min
Lab File: VV008057.D
Acq: 04 Oct 2018 12:33

Tgt Ion: 56 Resp: 1324
Ion Ratio Lower Upper
56 100
69 0.0 24.2 36.4#
84 0.0 69.8 104.8#

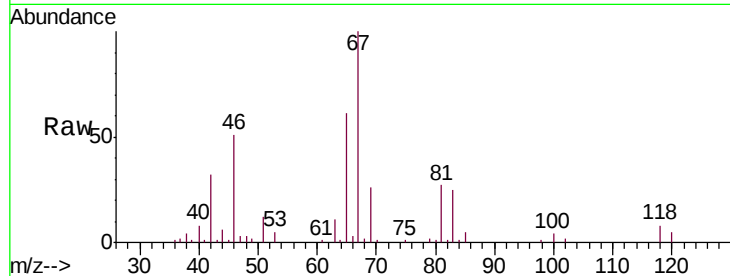




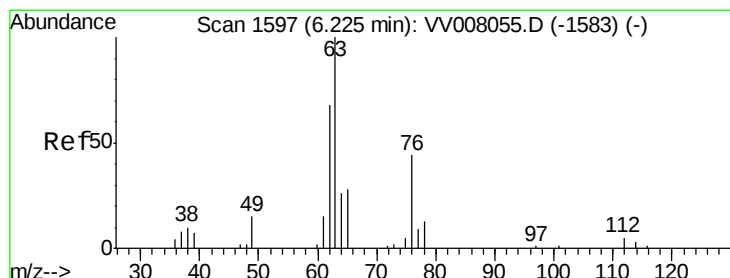
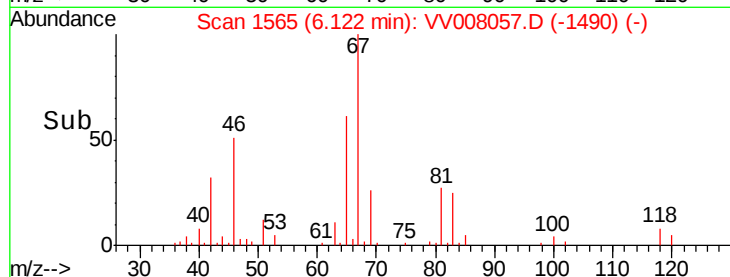
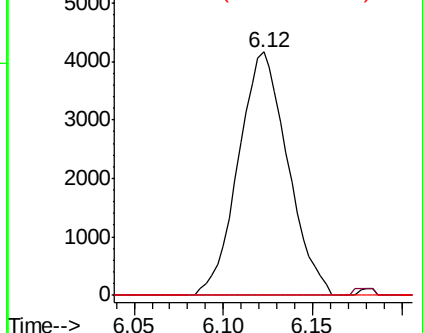
#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008057.D
Acq: 04 Oct 2018 12:33

Instrument :
MSVOA_V
ClientSampled :
JLC92

Tgt Ion: 83 Resp: 8028
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.5 38.0 57.0#

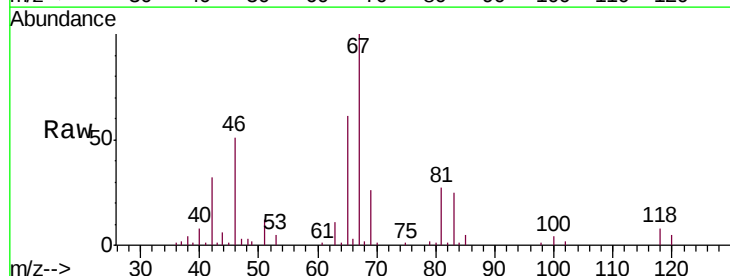


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

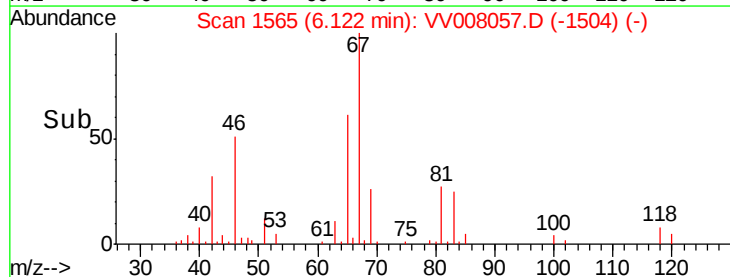
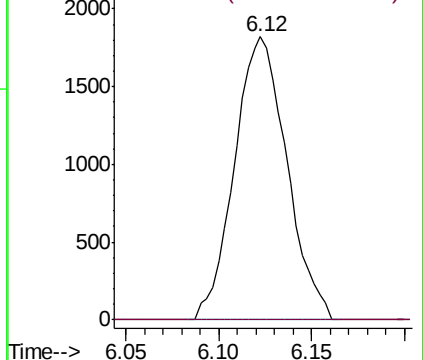


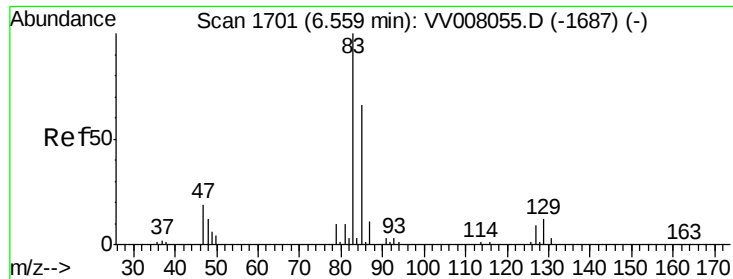
#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008057.D
Acq: 04 Oct 2018 12:33

Tgt Ion: 63 Resp: 3563
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

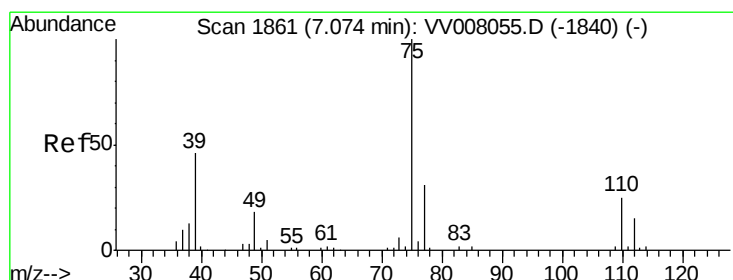
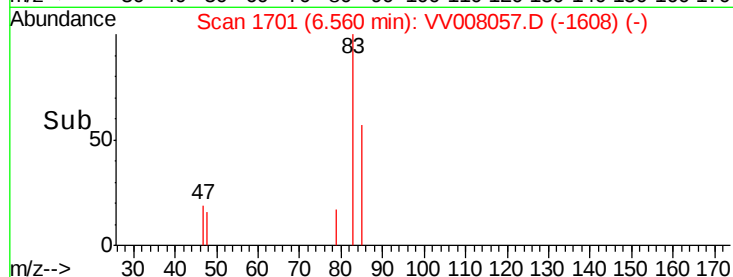
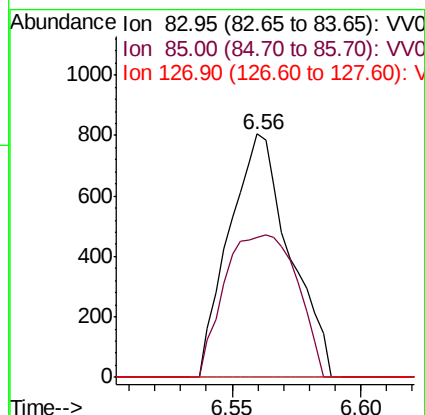
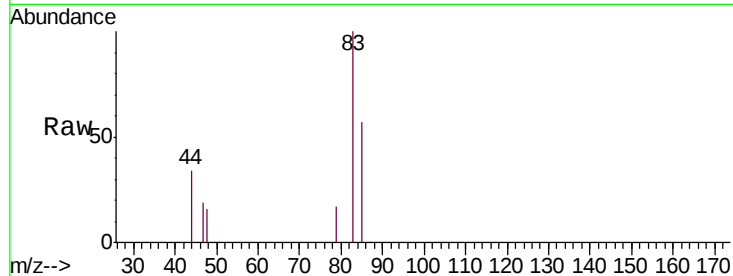




#38
 Bromodichloromethane
 Concen: 0.165 ug/L
 RT: 6.56 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: VV008057.D
 Acq: 04 Oct 2018 12:33

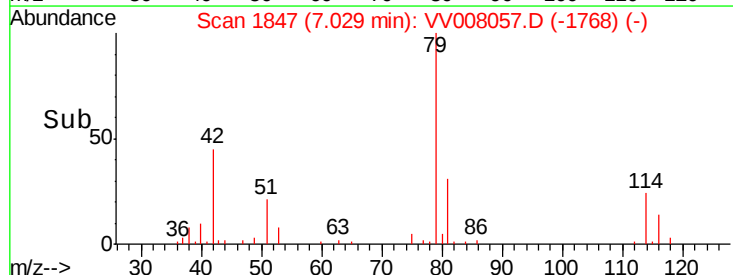
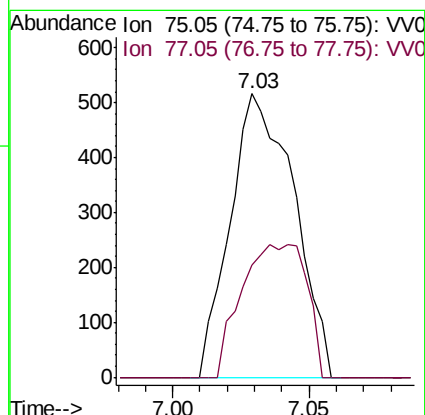
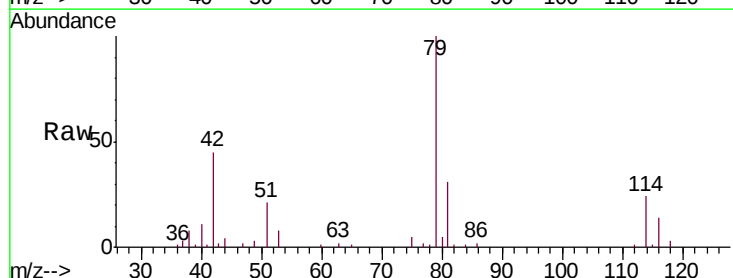
Instrument :
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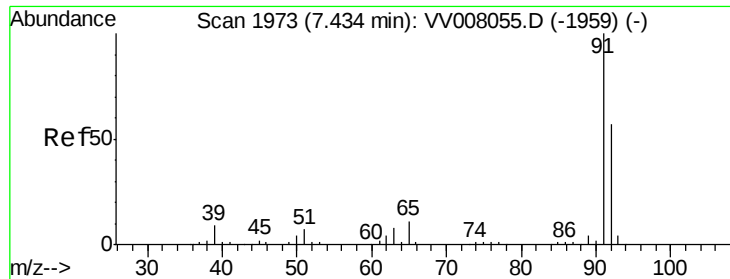
Tgt Ion: 83 Resp: 1317
 Ion Ratio Lower Upper
 83 100
 85 57.4 44.7 82.9
 127 0.0 7.8 11.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV008057.D
 Acq: 04 Oct 2018 12:33

Tgt Ion: 75 Resp: 838
 Ion Ratio Lower Upper
 75 100
 77 39.5 22.9 42.5





#42

Toluene

Concen: 0.099 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008057.D

Acq: 04 Oct 2018 12:33

Instrument :

MSVOA_V

ClientSampleId :

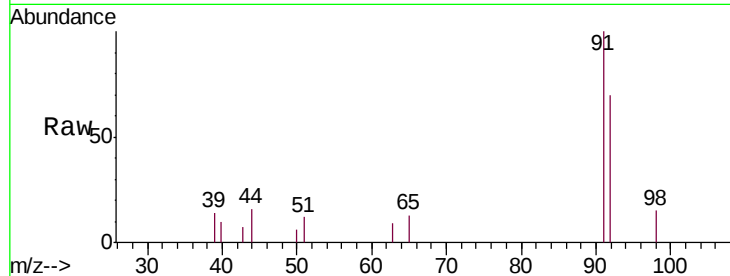
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Tgt Ion: 91 Resp: 2812

Ion Ratio Lower Upper

91 100

92 69.7 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV008055.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV008055.D (-1959) (-)

7.43

1500

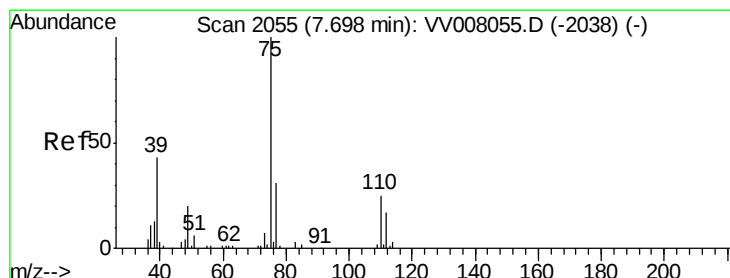
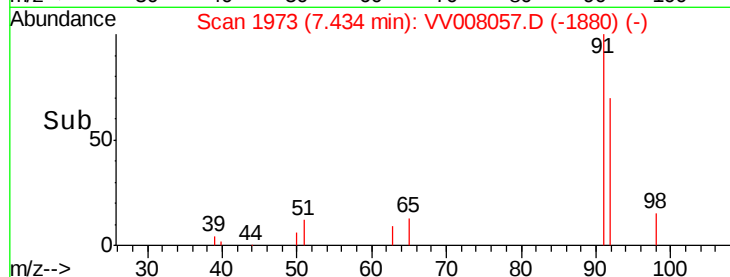
1000

500

0

7.40 7.45

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.28 min

Lab File: VV008057.D

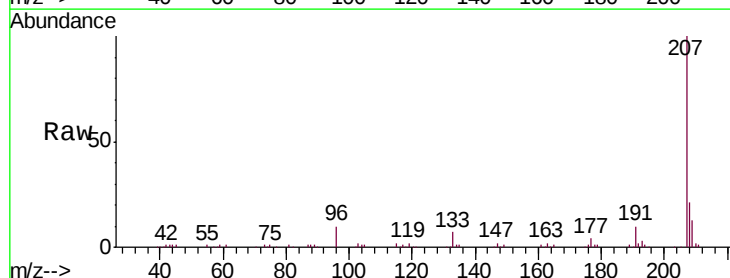
Acq: 04 Oct 2018 12:33

Tgt Ion: 75 Resp: 836

Ion Ratio Lower Upper

75 100

77 27.8 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV008055.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV008055.D (-2038) (-)

7.98

800

600

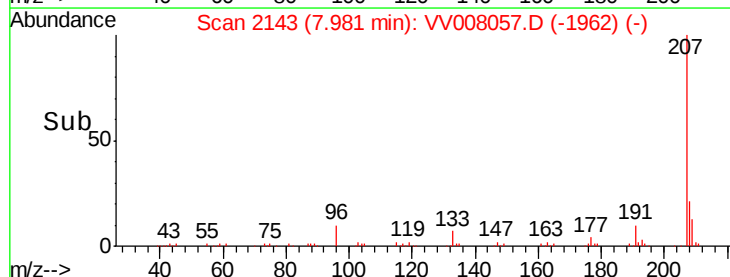
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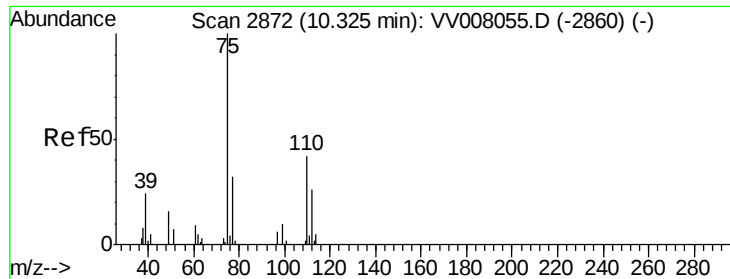
200

0

7.96 7.98

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.468 ug/L

RT: 10.42 min Scan# 2902

Delta R.T. 0.10 min

Lab File: VV008057.D

Acq: 04 Oct 2018 12:33

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ClientSampleId :

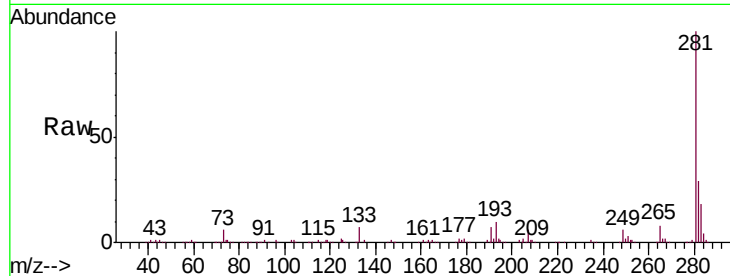
JLC92

Tgt Ion: 75 Resp: 1943

Ion Ratio Lower Upper

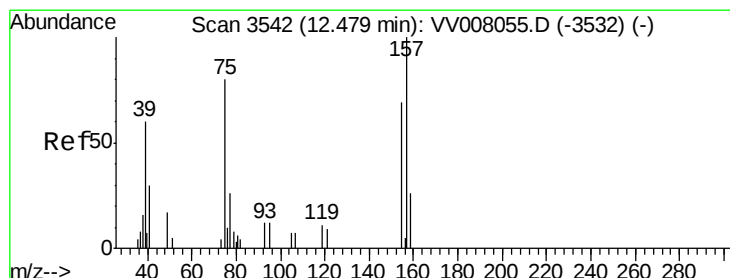
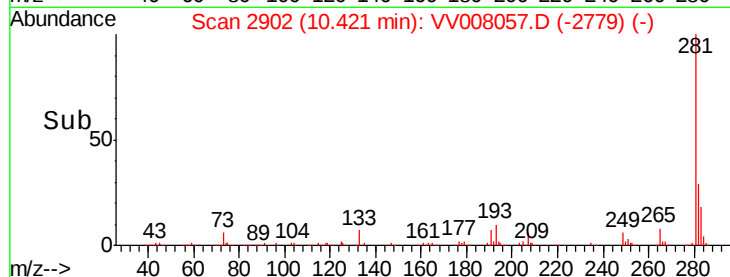
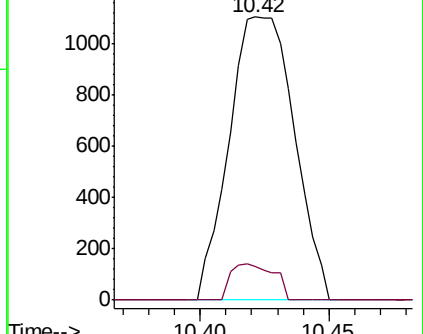
75 100

77 8.5 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#66

1,2-Dibromo-3-chloropropane

Concen: 4.526 ug/L

RT: 12.30 min Scan# 3485

Delta R.T. -0.18 min

Lab File: VV008057.D

Acq: 04 Oct 2018 12:33

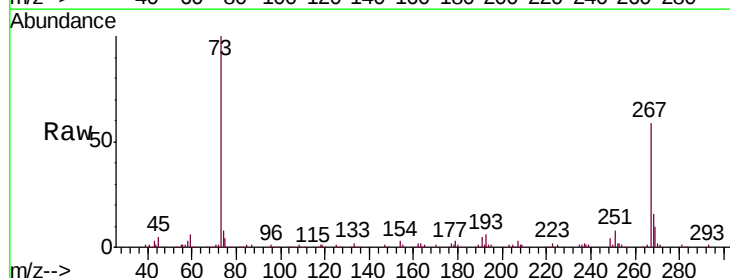
Tgt Ion: 75 Resp: 3858

Ion Ratio Lower Upper

75 100

155 23.1 83.4 125.2#

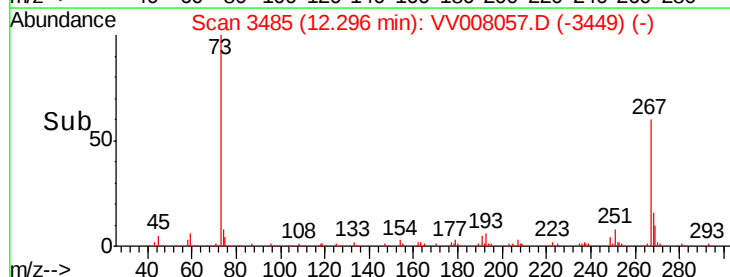
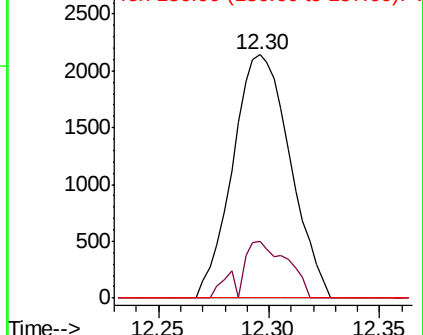
157 0.0 93.9 140.9#

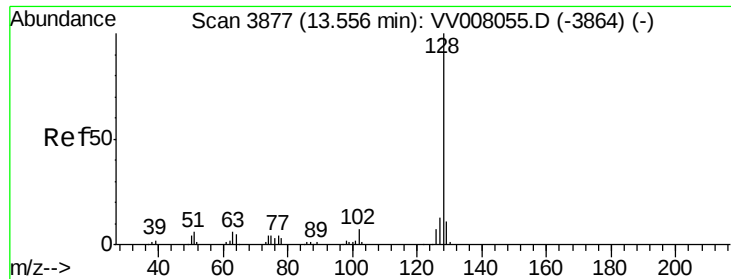


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V





#69

Naphthalene

Concen: 0.076 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV008057.D

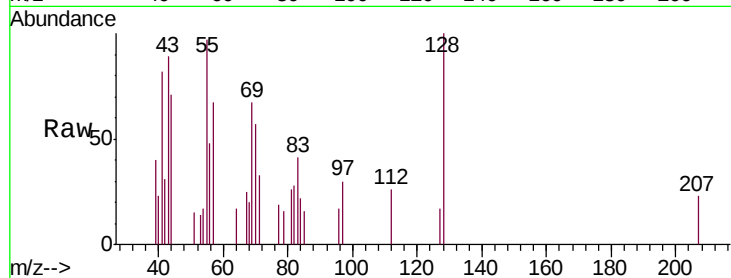
Acq: 04 Oct 2018 12:33

Instrument :

MSVOA_V

ClientSampleId :

JLC92



Tgt Ion:128 Resp: 1363

Ion Ratio Lower Upper

128 100

129 1.6 8.6 13.0#

127 7.1 10.3 15.5#

