

Data File : VV009830.D
Acq On : 22 Mar 2019 16:26
Operator : SY/MD
Sample : K2052-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P001-TW002-02

Quant Time: Mar 23 03:57:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	95906	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91216	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41359	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51575	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.59	69	54299	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.13	63	99085	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.96	46	67392	50.24	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.48%
24) Chloroform-d	4.40	84	56391	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	28812	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	120030	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	36836	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	106121	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.67	79	11574	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.14	63	53889	48.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25549	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	36918	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

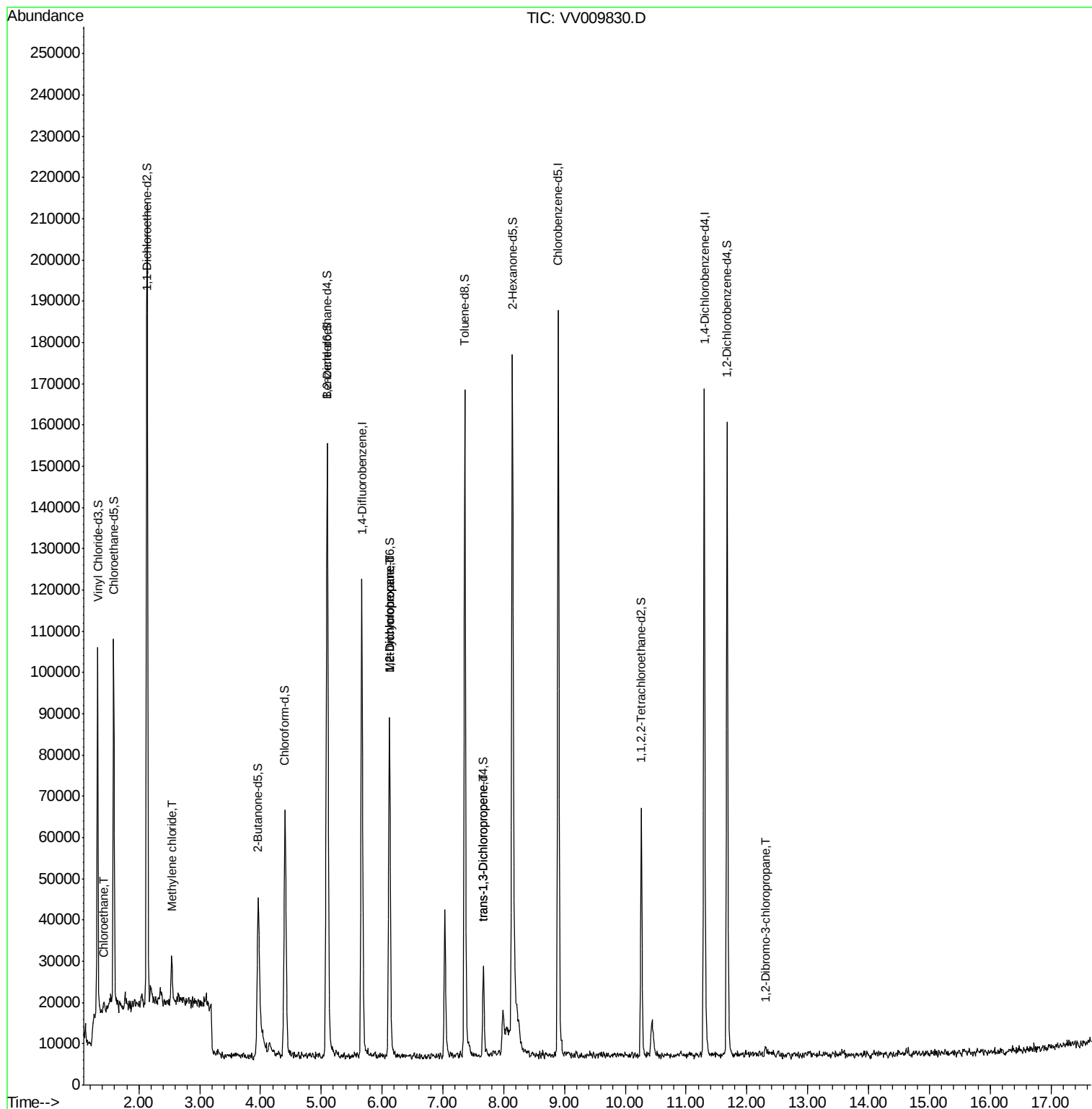
					Qvalue
8) Chloroethane	1.42	64	890	0.092 ug/L	94
16) Methylene chloride	2.54	84	4276	0.296 ug/L	85
35) Methylcyclohexane	6.13	83	7890	0.711 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4892	0.764 ug/L #	91
44) trans-1,3-Dichloropropene	7.67	75	784	0.113 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.31	75	97	0.146 ug/L #	1

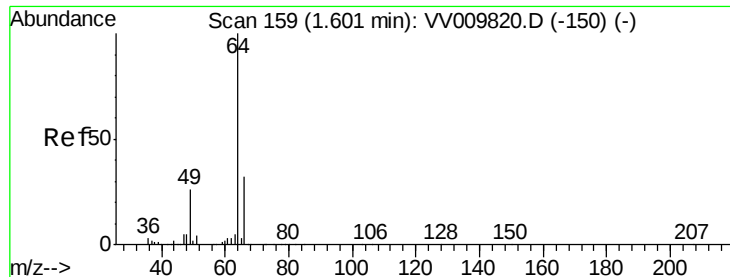
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.092 ug/L

RT: 1.42 min Scan# 102

Delta R.T. -0.18 min

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ClientSampleId :

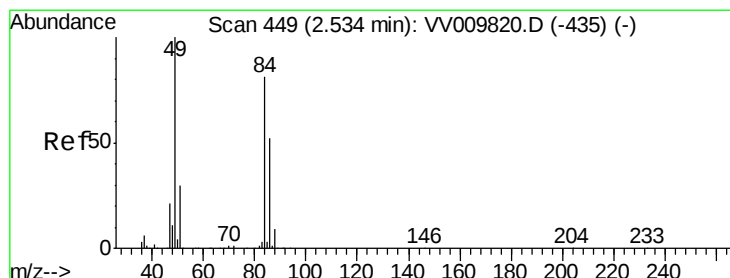
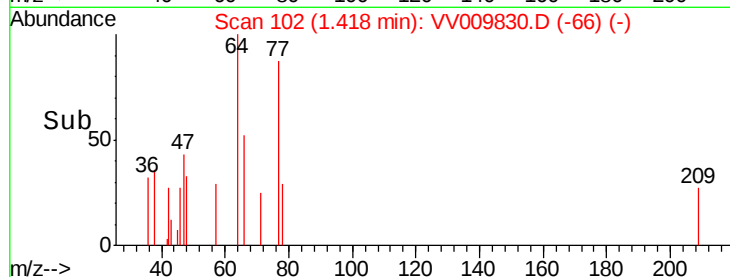
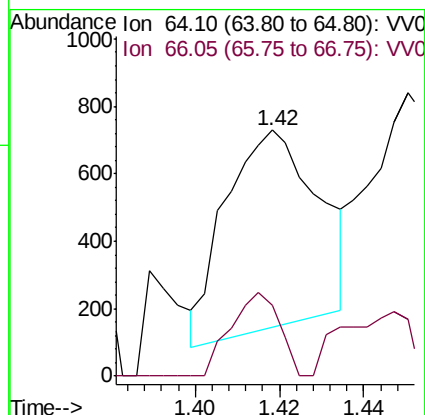
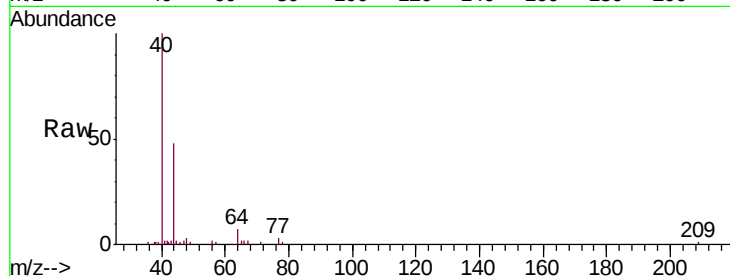
P001-TW002-02

Tgt Ion: 64 Resp: 890

Ion Ratio Lower Upper

64 100

66 28.6 22.4 41.6



#16

Methylene chloride

Concen: 0.296 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

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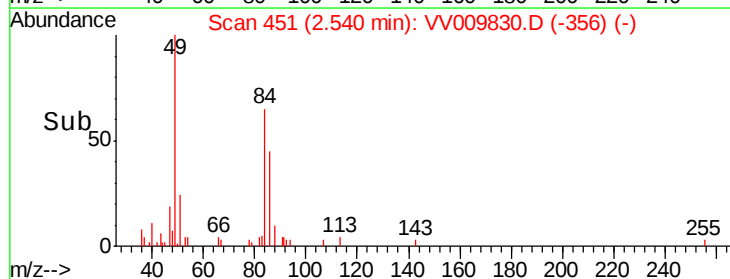
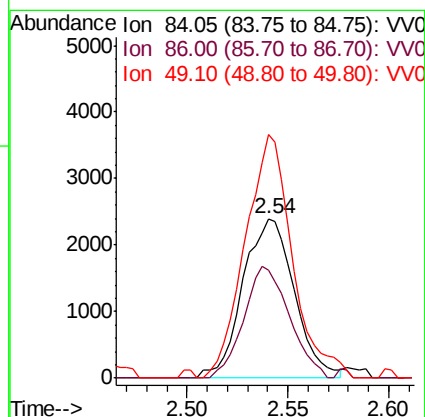
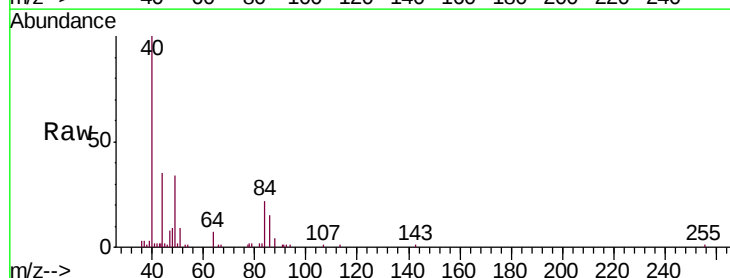
Tgt Ion: 84 Resp: 4276

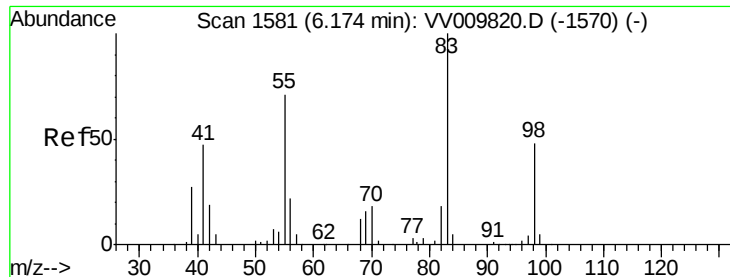
Ion Ratio Lower Upper

84 100

86 68.1 46.1 85.5

49 152.9 89.7 166.5

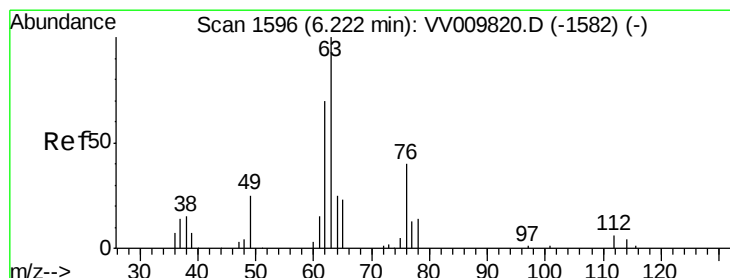
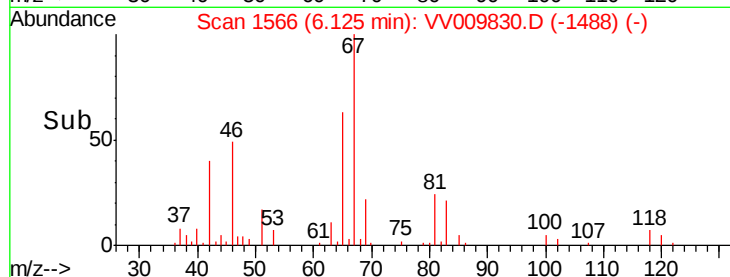
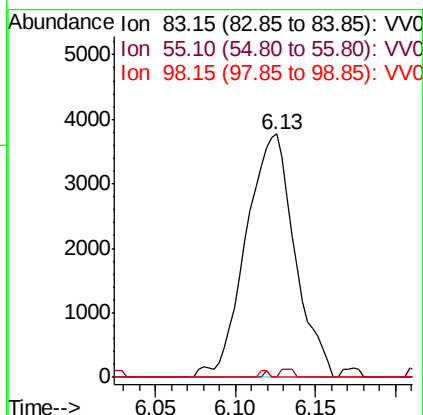
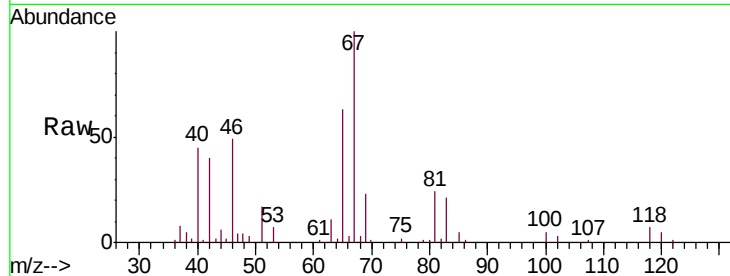




#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV009830.D
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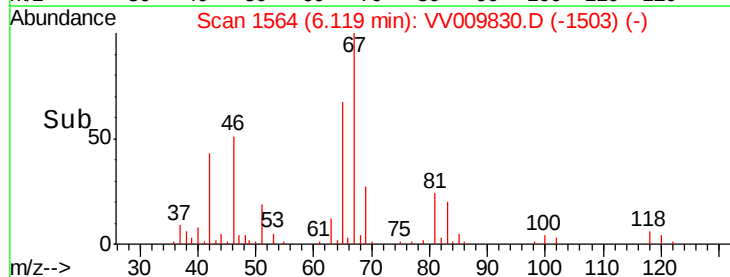
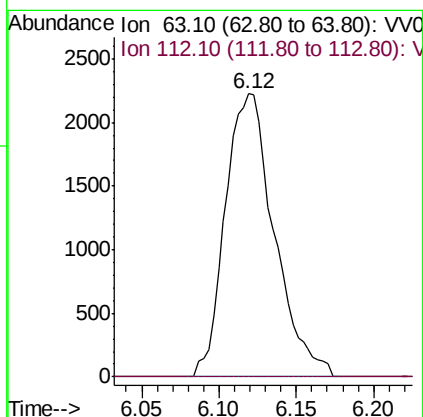
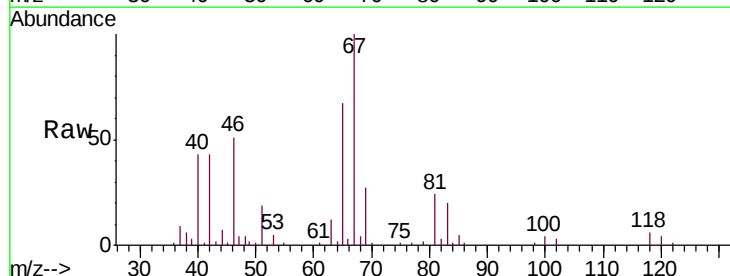
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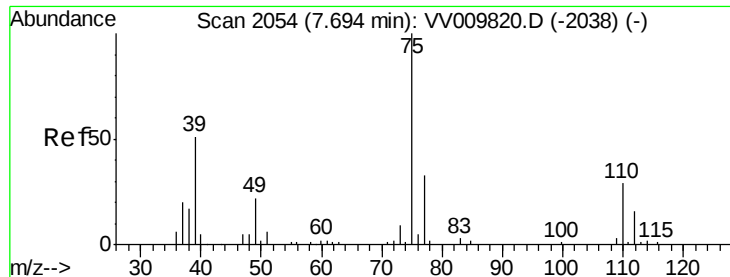
Tgt Ion: 83 Resp: 7890
Ion Ratio Lower Upper
83 100
55 0.9 57.4 86.2#
98 0.0 38.9 58.3#



#37
1,2-Dichloropropane
Concen: 0.764 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009830.D
Acq: 22 Mar 2019 16:26

Tgt Ion: 63 Resp: 4892
Ion Ratio Lower Upper
63 100
112 1.2 3.3 4.9#





#44

trans-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009830.D

Acq: 22 Mar 2019 16:26

Instrument :

MSVOA_V

ClientSampleId :

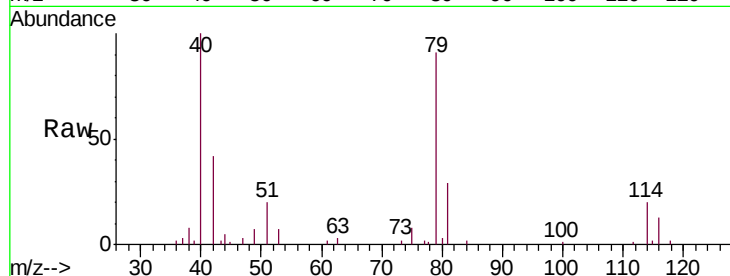
P001-TW002-02

Tgt Ion: 75 Resp: 784

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

600

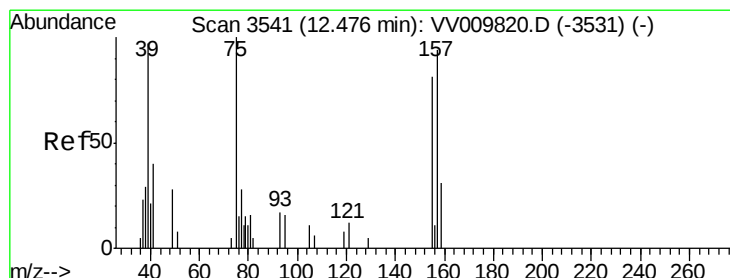
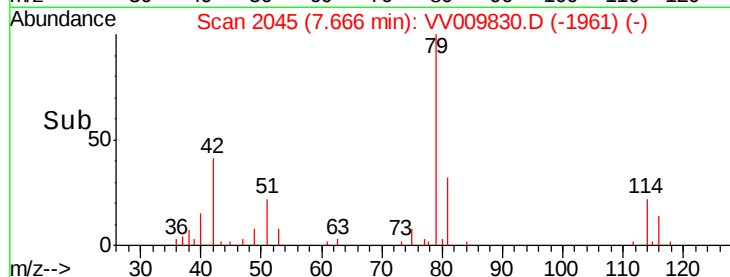
400

200

0

7.64 7.66 7.68 7.70

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 0.146 ug/L

RT: 12.31 min Scan# 3491

Delta R.T. -0.16 min

Lab File: VV009830.D

Acq: 22 Mar 2019 16:26

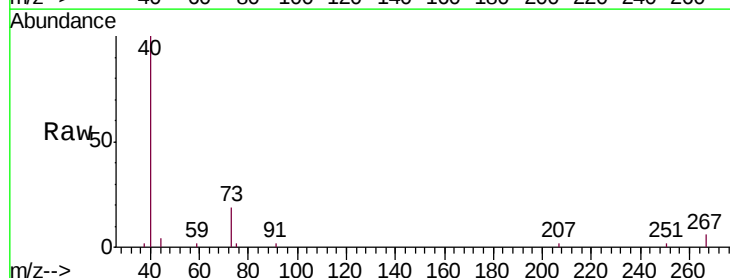
Tgt Ion: 75 Resp: 97

Ion Ratio Lower Upper

75 100

155 0.0 73.5 110.3#

157 0.0 88.3 132.5#



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

200

150

100

50

0

12.30 12.32

Time-->

