

Data File : VU035160.D
Acq On : 14 Oct 2019 19:23
Operator : JC/SP
Sample : K5309-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 15 07:58:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	139163	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	144059	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	52971	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37986	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.68	69	38755	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.26	63	58145	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.17	46	123893	51.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.28%
24) Chloroform-d	4.63	84	73375	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.29	65	45808	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.32	84	148330	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.31	67	54919	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.55	98	125277	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	7.84	79	14879	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.31	63	87750	45.40	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	46996	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	43772	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

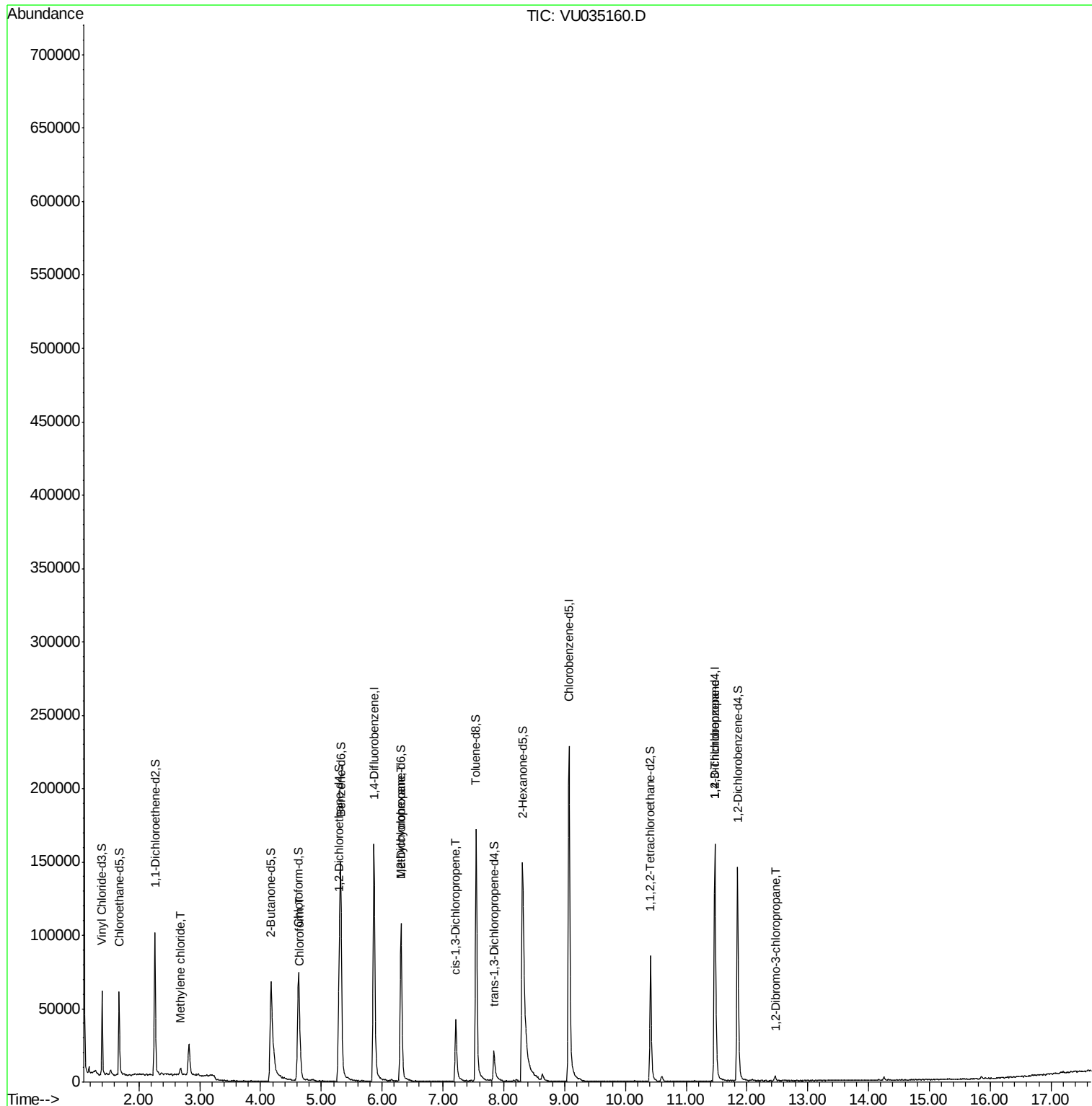
					Qvalue
16) Methylene chloride	2.68	84	1917	0.173 ug/L	82
25) Chloroform	4.65	83	12239	0.573 ug/L	93
35) Methylcyclohexane	6.31	83	12423	0.685 ug/L #	18
39) cis-1,3-Dichloropropene	7.21	75	1406	0.089 ug/L #	57
59) 1,2,3-Trichloropropane	11.47	75	7000	0.924 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.46	75	121	0.121 ug/L #	2

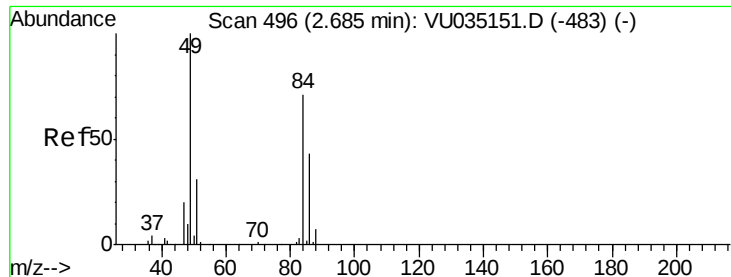
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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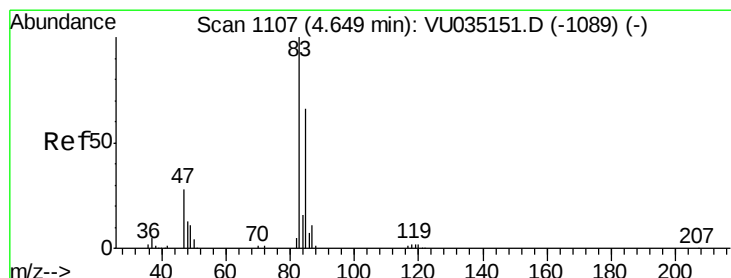
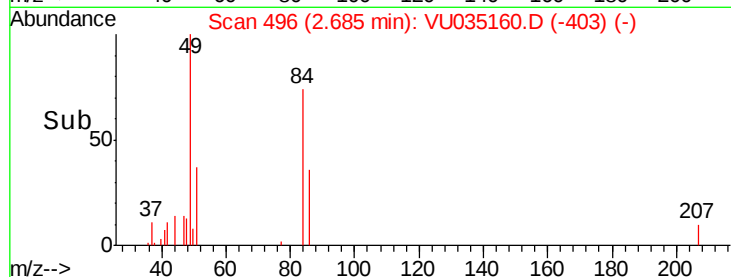
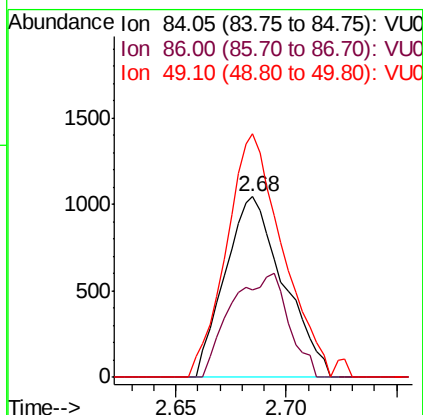
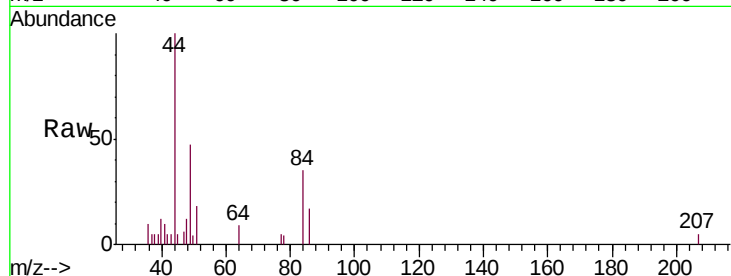




#16
Methylene chloride
Concen: 0.173 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU035160.D
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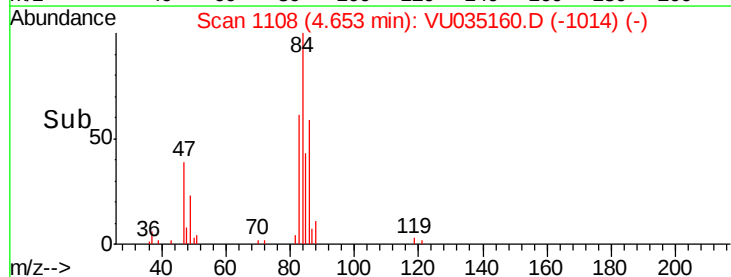
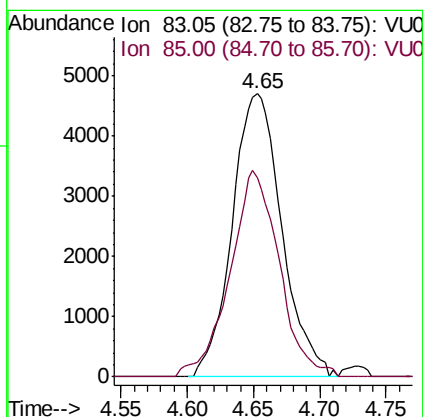
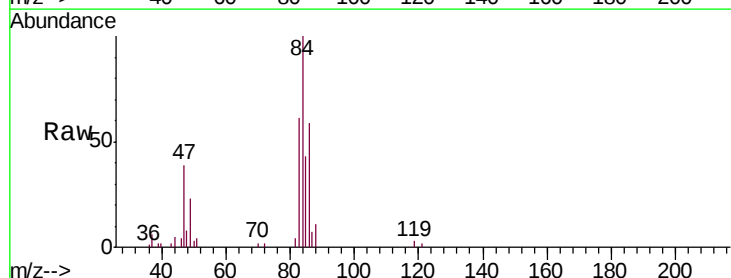
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

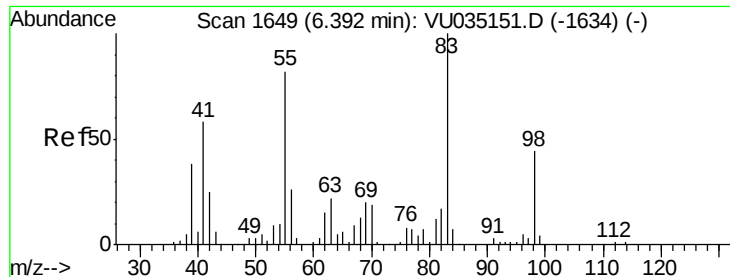
Tgt Ion: 84 Resp: 1917
Ion Ratio Lower Upper
84 100
86 48.8 42.5 78.9
49 145.1 86.9 161.3



#25
Chloroform
Concen: 0.573 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035160.D
Acq: 14 Oct 2019 19:23

Tgt Ion: 83 Resp: 12239
Ion Ratio Lower Upper
83 100
85 70.5 45.4 84.4

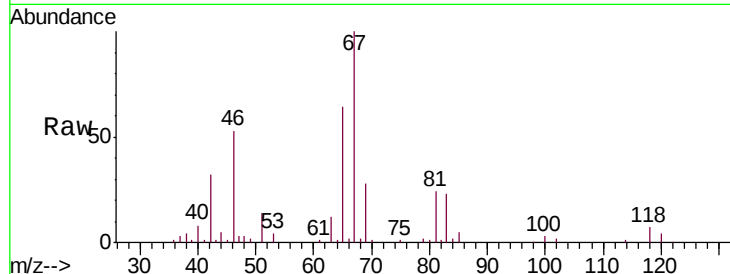




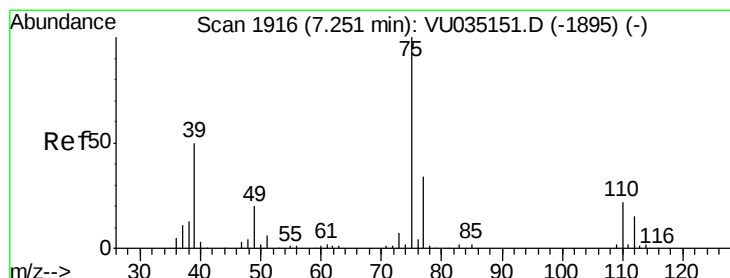
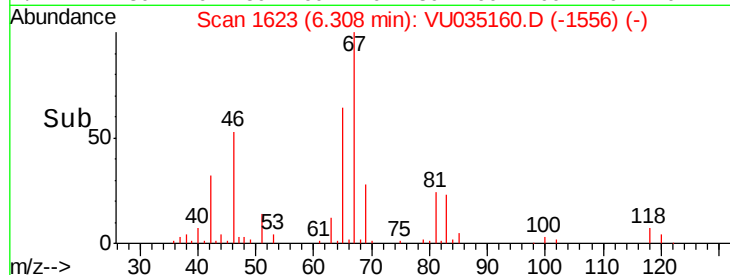
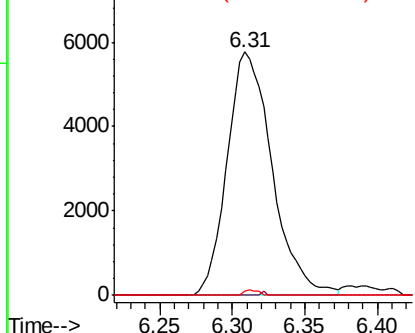
#35
Methylcyclohexane
Concen: 0.685 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035160.D
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Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 12423
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.7 36.2 54.2#

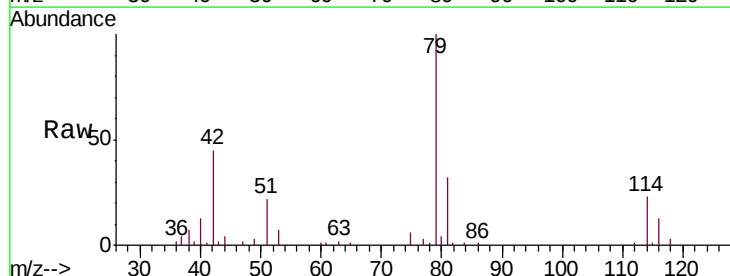


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

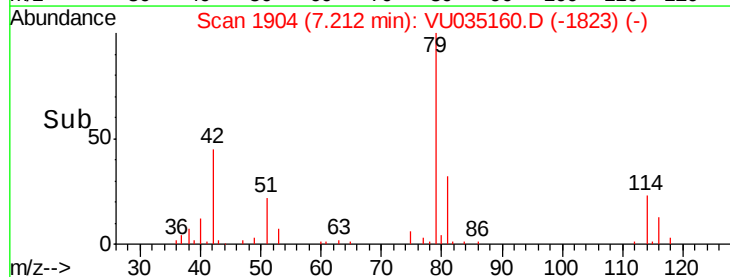
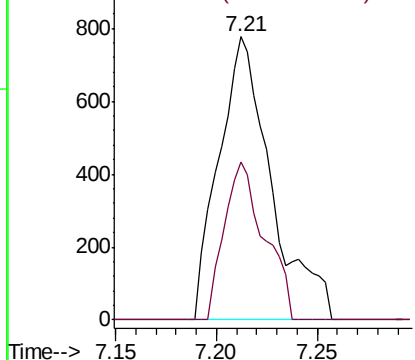


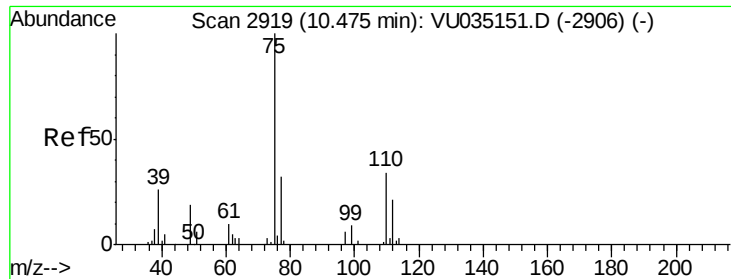
#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.21 min Scan# 1904
Delta R.T. -0.04 min
Lab File: VU035160.D
Acq: 14 Oct 2019 19:23

Tgt Ion: 75 Resp: 1406
Ion Ratio Lower Upper
75 100
77 55.6 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0





#59

1,2,3-Trichloropropane

Concen: 0.924 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035160.D

Acq: 14 Oct 2019 19:23

Instrument :

MSVOA_U

ClientSampleId :

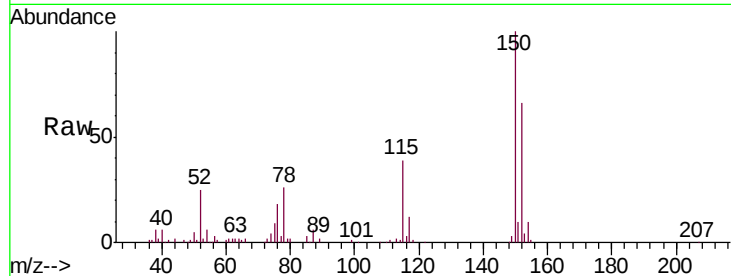
VHBLK01

Tgt Ion: 75 Resp: 7000

Ion Ratio Lower Upper

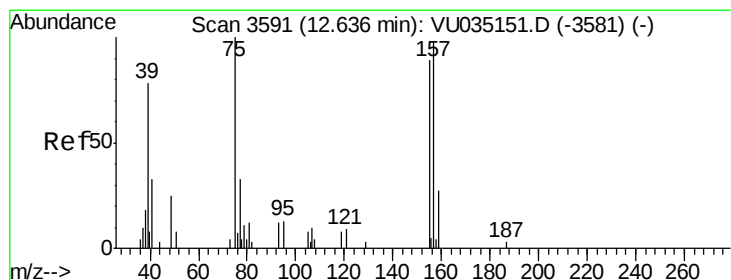
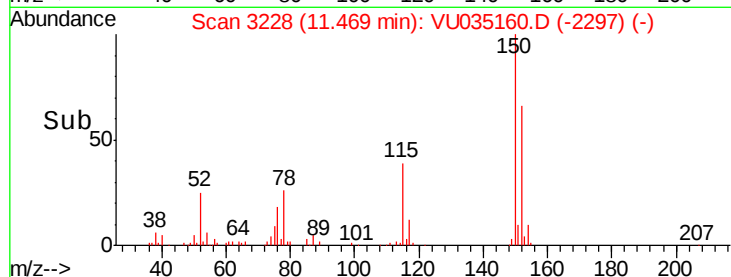
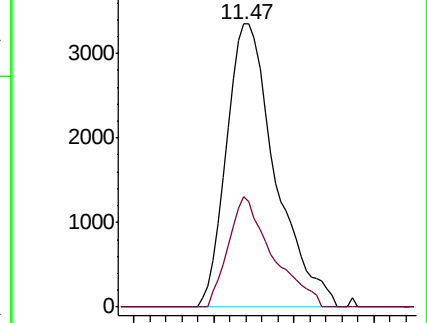
75 100

77 35.2 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.121 ug/L

RT: 12.46 min Scan# 3536

Delta R.T. -0.18 min

Lab File: VU035160.D

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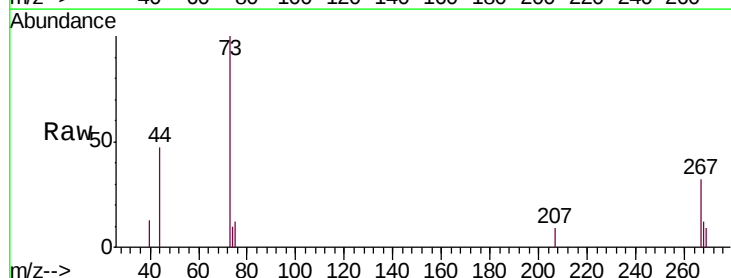
Tgt Ion: 75 Resp: 121

Ion Ratio Lower Upper

75 100

155 0.0 67.1 100.7#

157 0.0 83.7 125.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

