

Data File : VU033357.D
Acq On : 20 Jul 2019 03:09
Operator : JC/SP
Sample : K3890-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52Q6

Quant Time: Jul 20 05:26:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 20 05:21:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	101114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	104463	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	44145	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40727	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.67	69	39186	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.26	63	66780	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.17	46	96224	50.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.30%
24) Chloroform-d	4.62	84	63534	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.29	65	41297	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.32	84	131079	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.31	67	45095	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.55	98	106503	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.83	79	15681	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.30	63	77542	50.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.78%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	40064	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	41533	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

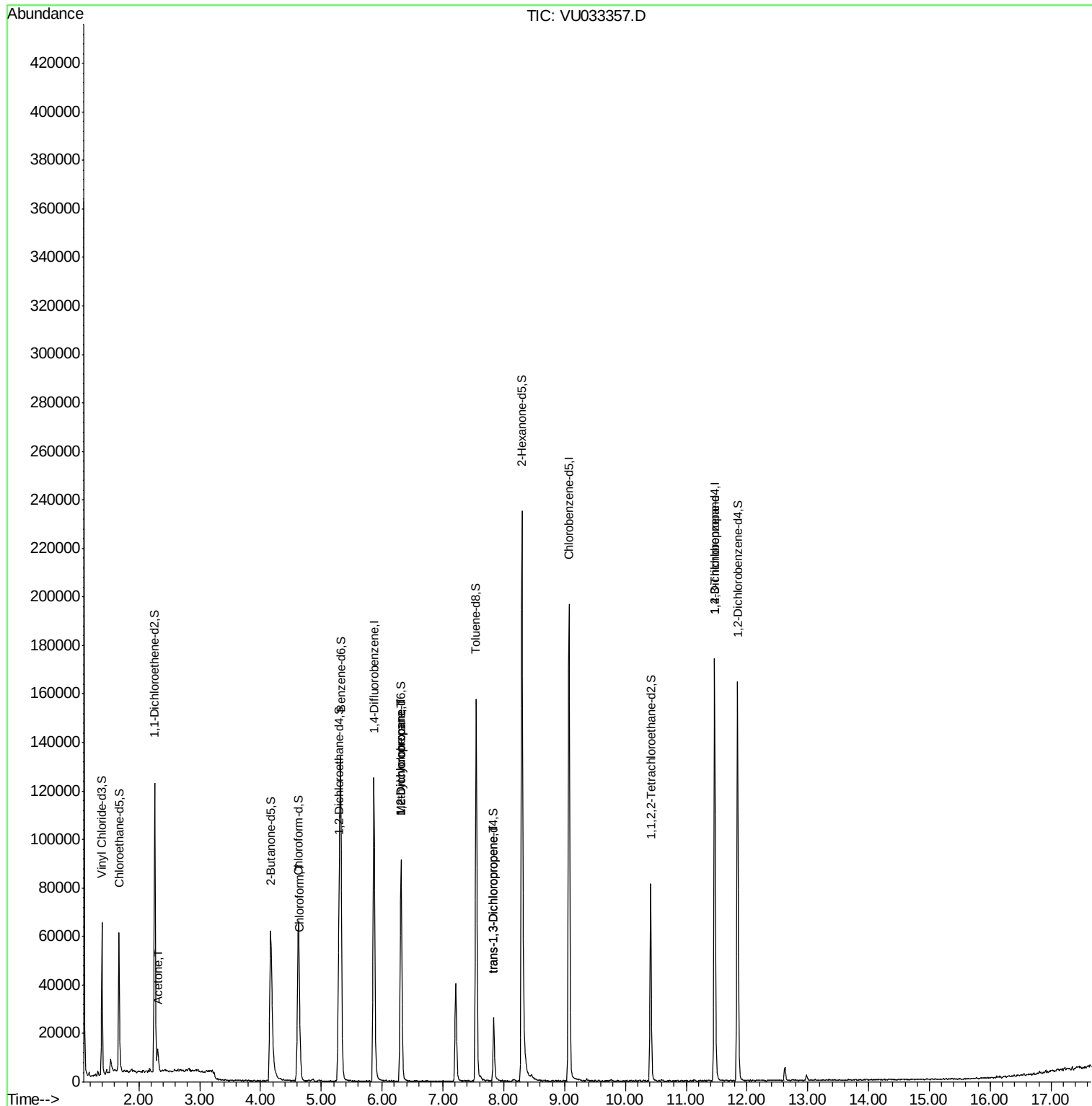
					Qvalue
13) Acetone	2.31	43	9138	5.439 ug/L	92
25) Chloroform	4.65	83	7282	0.477 ug/L	96
35) Methylcyclohexane	6.31	83	10383	0.880 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	4956	0.620 ug/L #	88
44) trans-1,3-Dichloropropene	7.84	75	744	0.081 ug/L #	54
59) 1,2,3-Trichloropropane	11.47	75	6141	1.177 ug/L	99

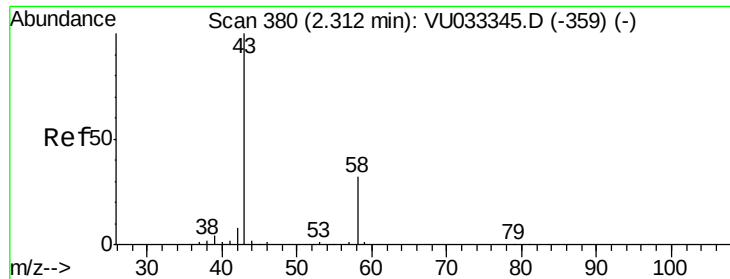
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.439 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

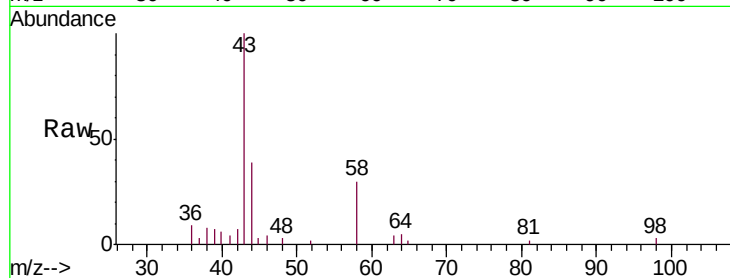
A52Q6

Tgt Ion: 43 Resp: 9138

Ion Ratio Lower Upper

43 100

58 29.0 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU033345.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU033345.D (-359) (-)

2.31

6000

5000

4000

3000

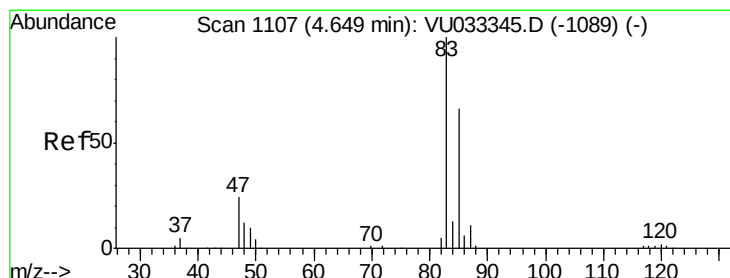
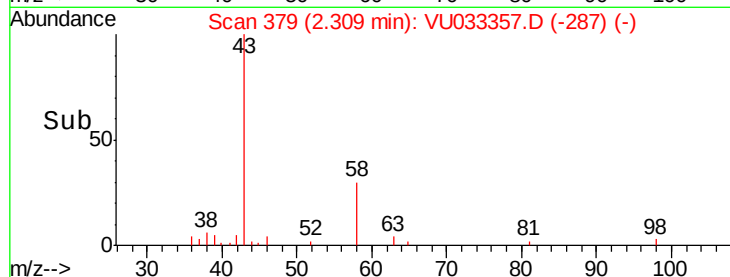
2000

1000

0

Time-->

2.25 2.30 2.35



#25

Chloroform

Concen: 0.477 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

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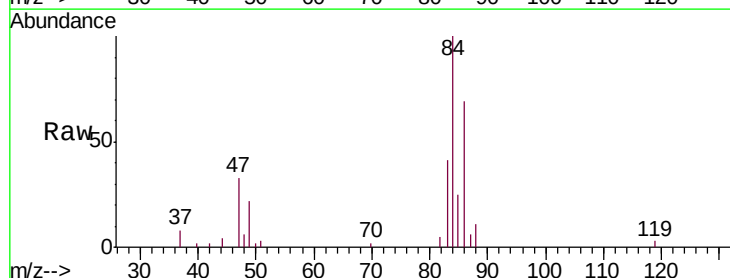
Acq: 20 Jul 2019 03:09

Tgt Ion: 83 Resp: 7282

Ion Ratio Lower Upper

83 100

85 61.6 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU033345.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU033345.D (-1089) (-)

4.65

3000

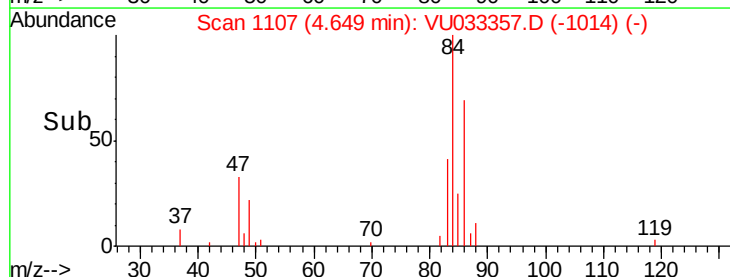
2000

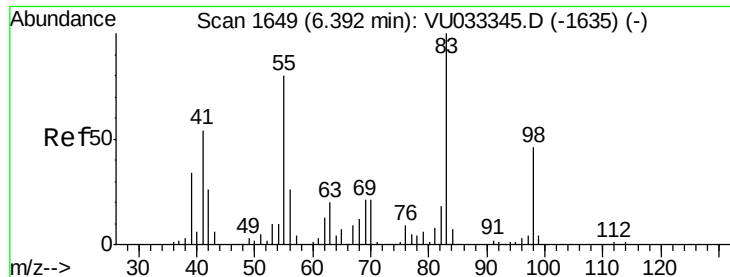
1000

0

Time-->

4.55 4.60 4.65 4.70

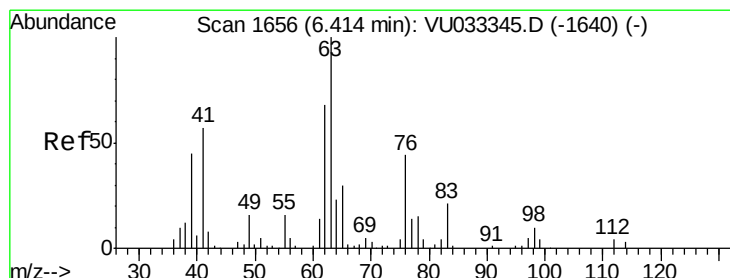
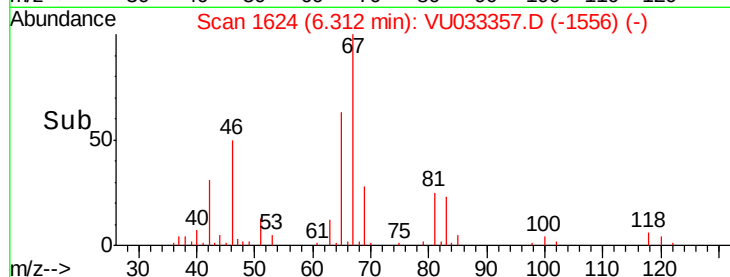
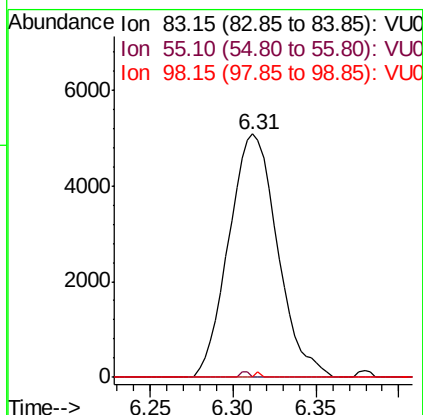
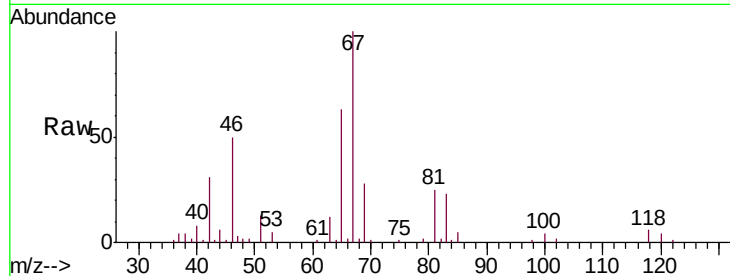




#35
Methylcyclohexane
Concen: 0.880 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033357.D
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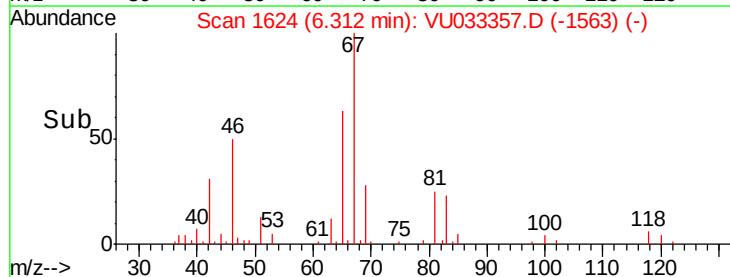
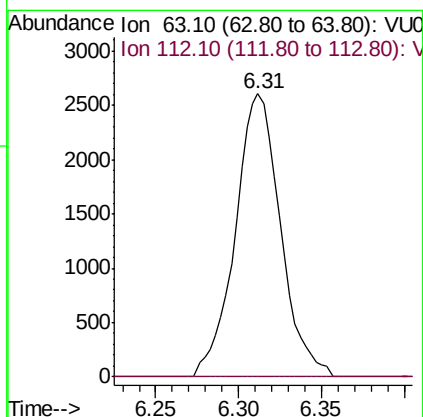
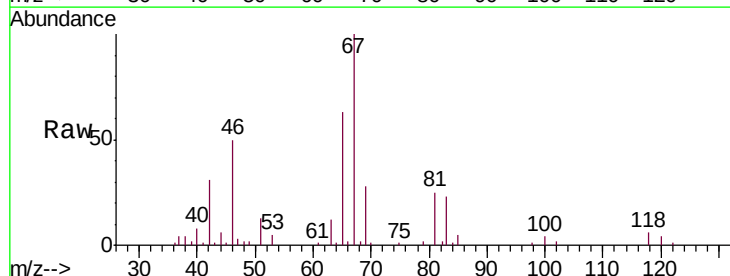
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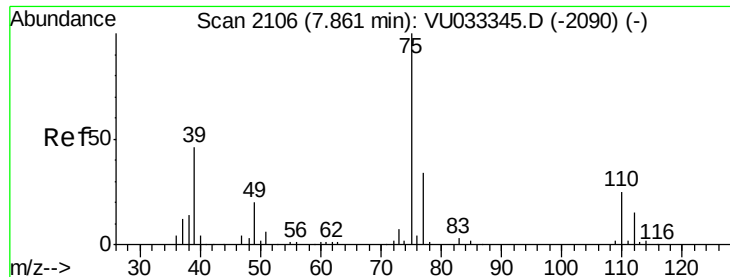
Tgt Ion: 83 Resp: 10383
Ion Ratio Lower Upper
83 100
55 0.4 62.6 94.0#
98 0.2 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033357.D
Acq: 20 Jul 2019 03:09

Tgt Ion: 63 Resp: 4956
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.03 min

Lab File: VU033357.D

Acq: 20 Jul 2019 03:09

Instrument :

MSVOA_U

ClientSampleId :

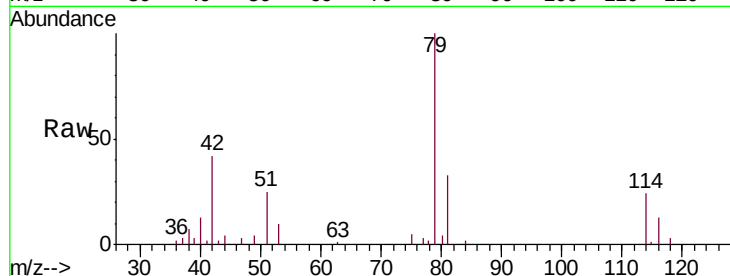
A52Q6

Tgt Ion: 75 Resp: 744

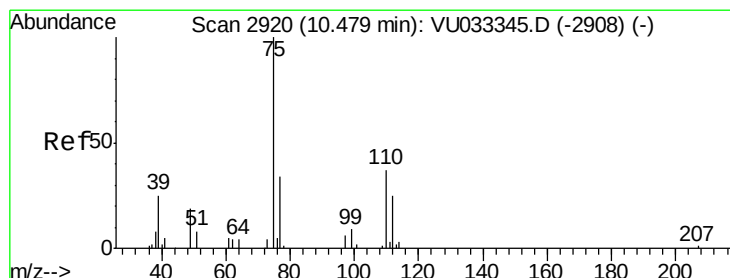
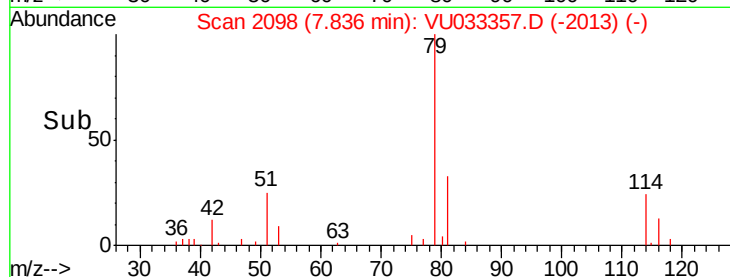
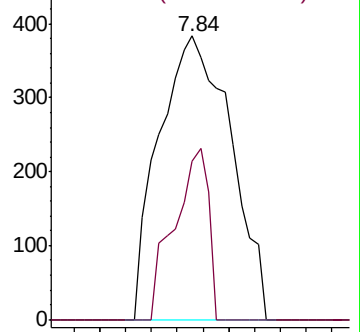
Ion Ratio Lower Upper

75 100

77 55.9 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.177 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033357.D

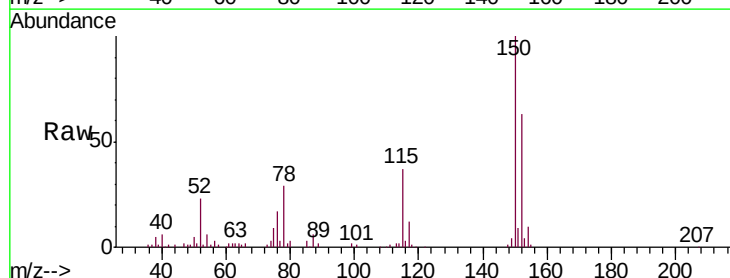
Acq: 20 Jul 2019 03:09

Tgt Ion: 75 Resp: 6141

Ion Ratio Lower Upper

75 100

77 33.8 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

