

Data File : VU033320.D
Acq On : 18 Jul 2019 15:38
Operator : JC/SP
Sample : K3846-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jul 19 01:48:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	369401	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	357554	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	181153	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	108048	38.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.28%
7) Chloroethane-d5	1.67	69	98442	41.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.42%
11) 1,1-Dichloroethene-d2	2.26	63	153997	30.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.72%
21) 2-Butanone-d5	4.15	46	180710	101.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.99%
24) Chloroform-d	4.62	84	205012	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
26) 1,2-Dichloroethane-d4	5.29	65	135366	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
32) Benzene-d6	5.32	84	416613	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.31	67	136472	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.14%
41) Toluene-d8	7.55	98	377997	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.83	79	65068	47.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.46%
47) 2-Hexanone-d5	8.29	63	132276	104.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.43%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	203663	47.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	155265	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%

Target Compounds

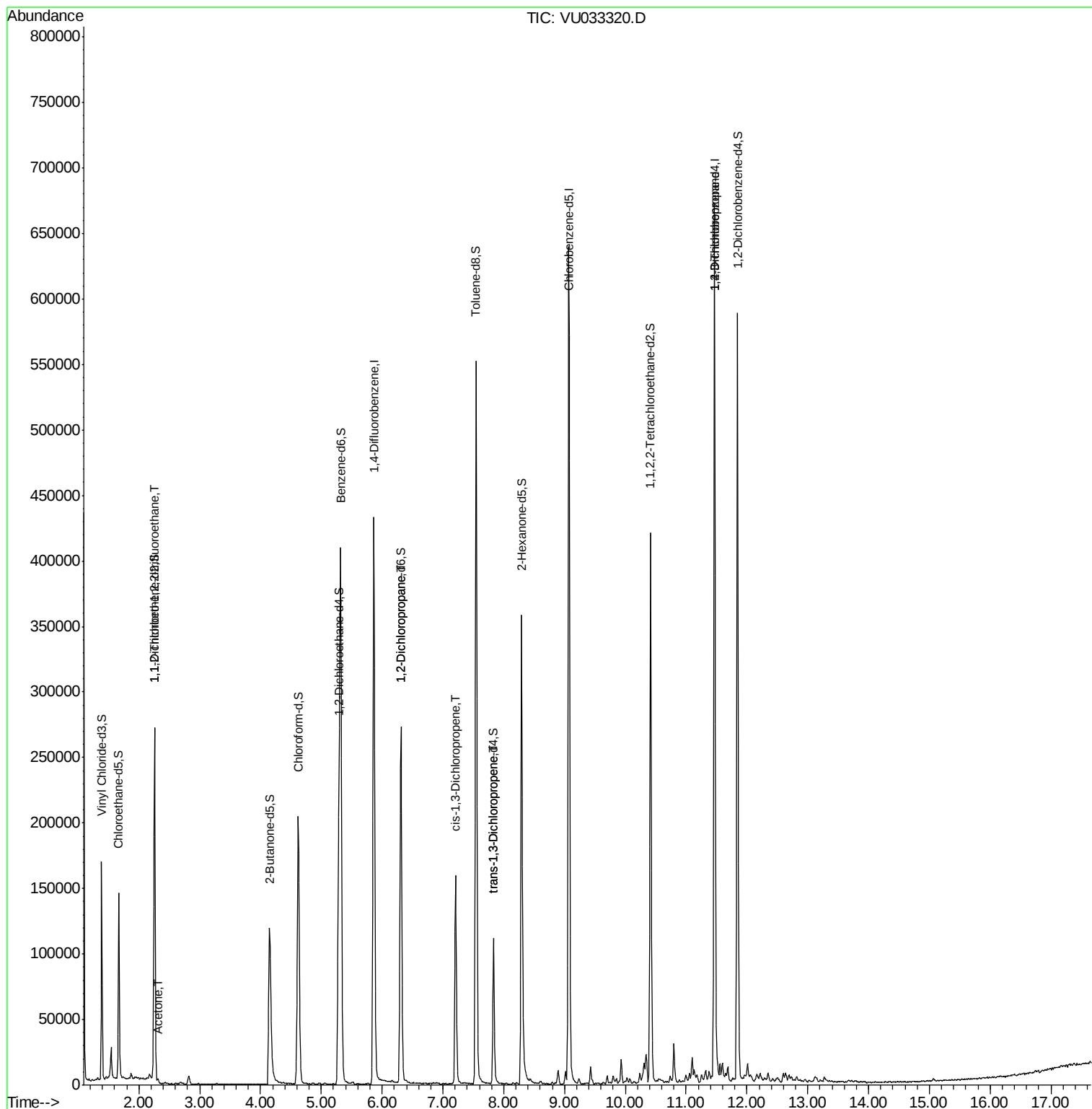
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1451	0.576 ug/L #	21
13) Acetone	2.31	43	1495	0.675 ug/L	76
37) 1,2-Dichloropropane	6.31	63	14540	5.142 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3686	0.850 ug/L #	44
44) trans-1,3-Dichloropropene	7.83	75	2844	0.727 ug/L	89
59) 1,2,3-Trichloropropane	11.47	75	20655	5.611 ug/L	90

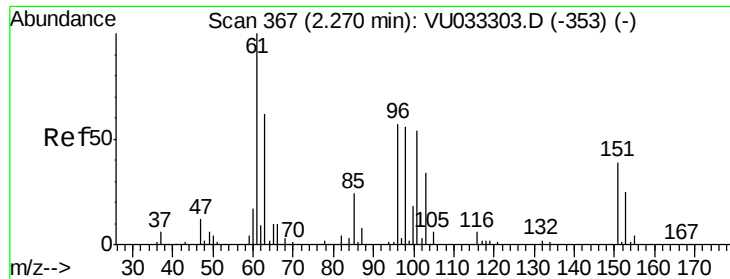
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.576 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033320.D

Acq: 18 Jul 2019 15:38

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

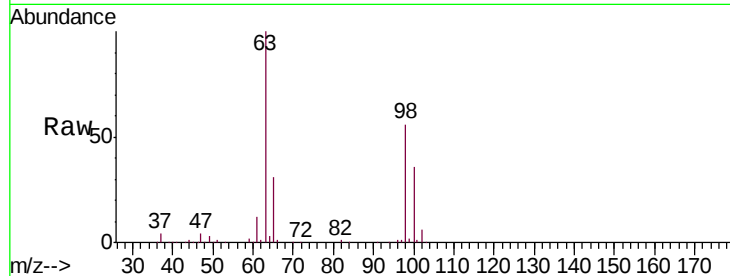
Tgt Ion:101 Resp: 1451

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

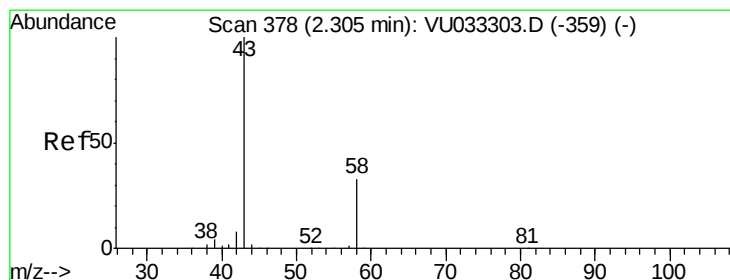
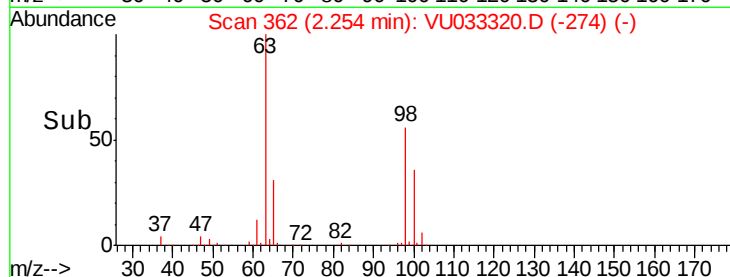
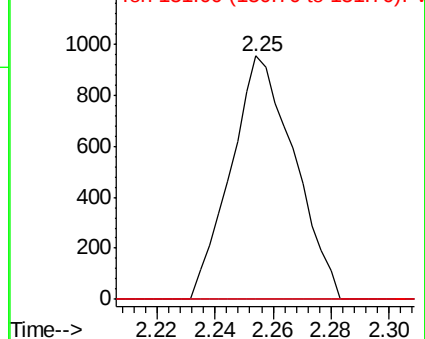
151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.675 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033320.D

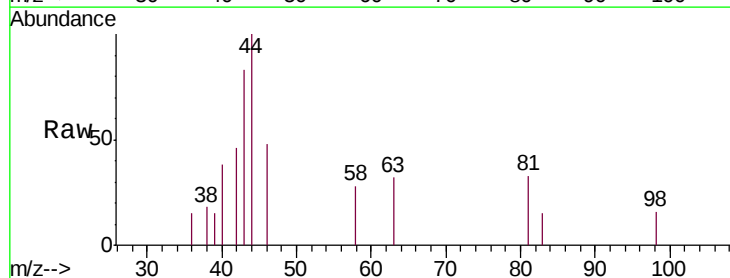
Acq: 18 Jul 2019 15:38

Tgt Ion: 43 Resp: 1495

Ion Ratio Lower Upper

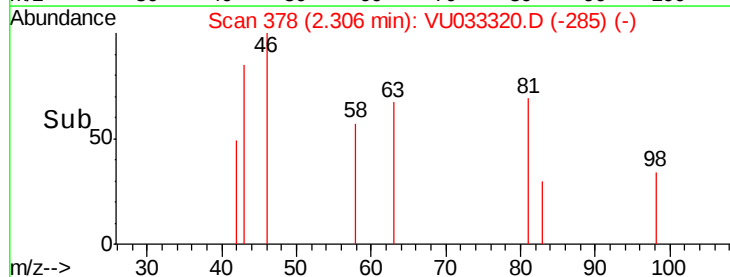
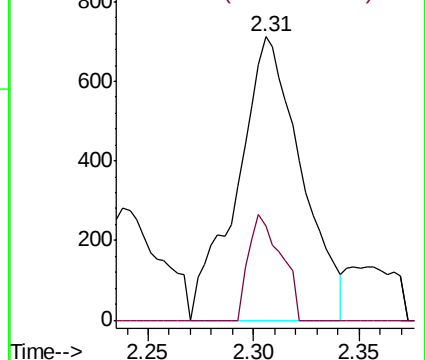
43 100

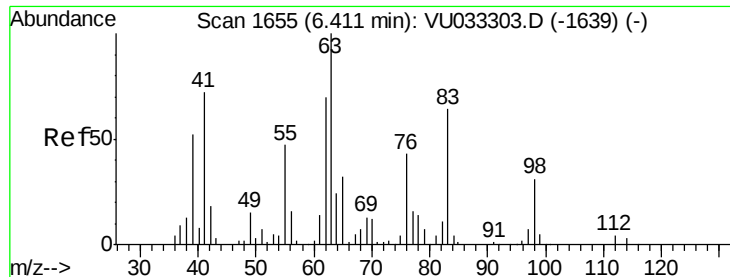
58 19.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

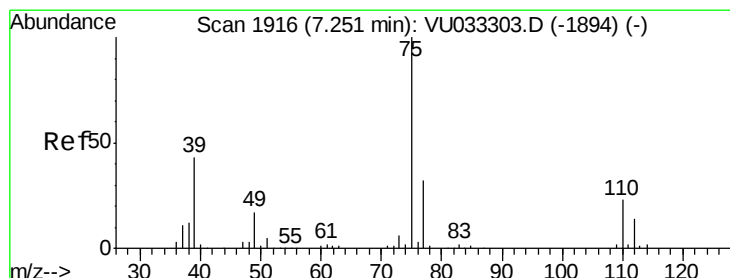
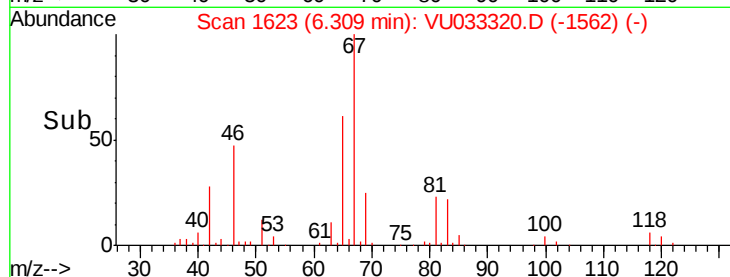
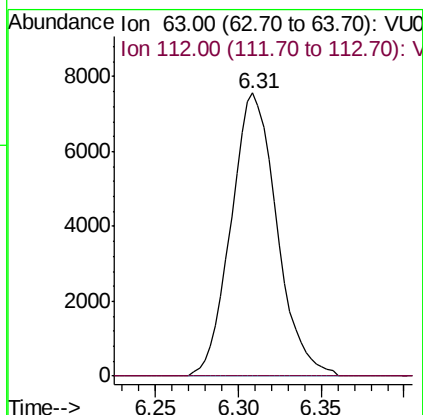
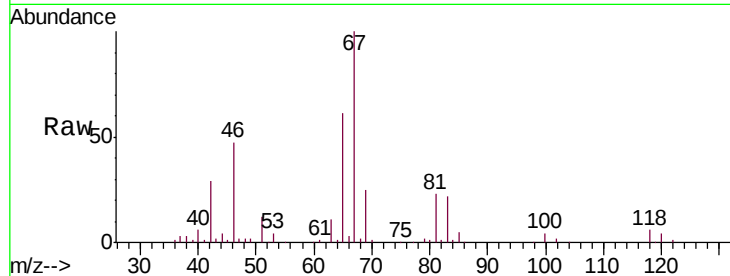




#37
 1,2-Dichloropropane
 Concen: 5.142 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033320.D
 Acq: 18 Jul 2019 15:38

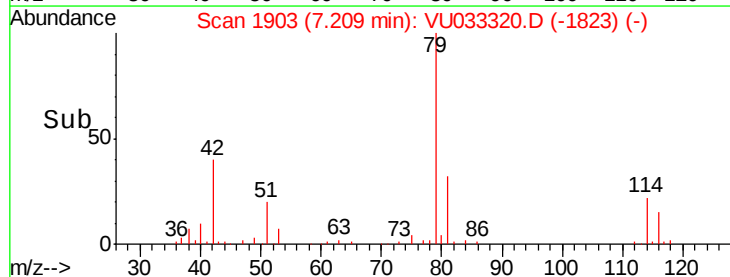
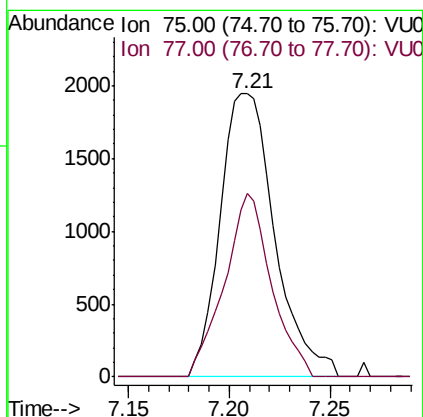
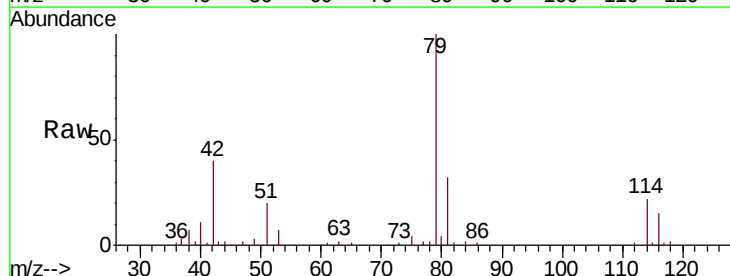
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

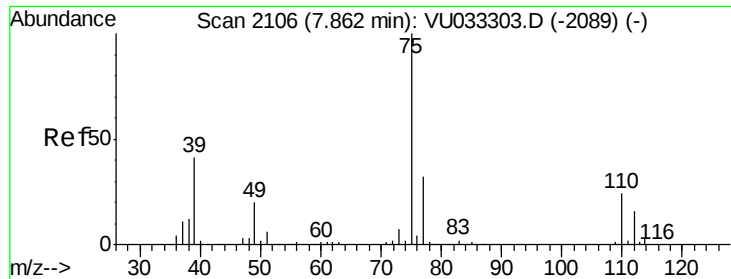
Tgt Ion: 63 Resp: 14540
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.850 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033320.D
 Acq: 18 Jul 2019 15:38

Tgt Ion: 75 Resp: 3686
 Ion Ratio Lower Upper
 75 100
 77 64.6 23.1 42.9#





#44

trans-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033320.D

Acq: 18 Jul 2019 15:38

Instrument :

MSVOA_U

ClientSampleId :

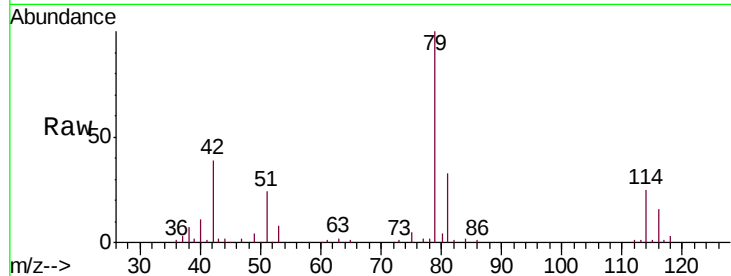
VHBLK01

Tgt Ion: 75 Resp: 2844

Ion Ratio Lower Upper

75 100

77 38.3 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU033320.D (-2097) (-)

Ion 77.00 (76.70 to 77.70): VU033320.D (-2097) (-)

2000

1500

1000

500

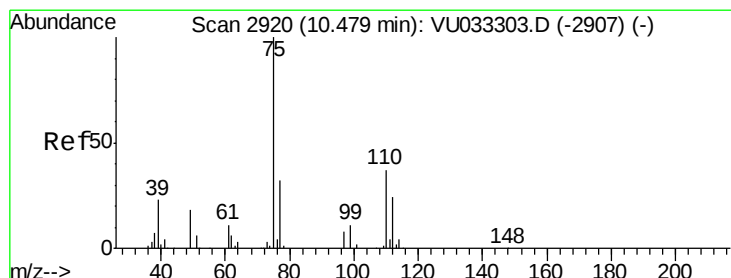
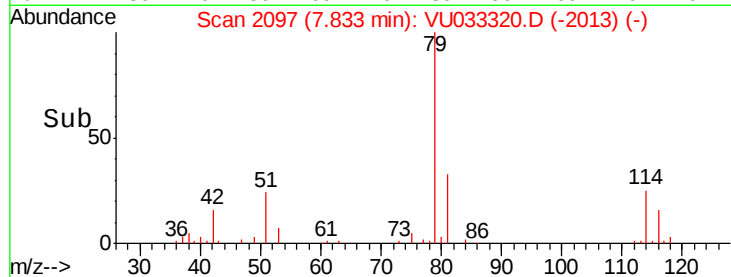
0

7.80

7.83

7.85

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.611 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033320.D

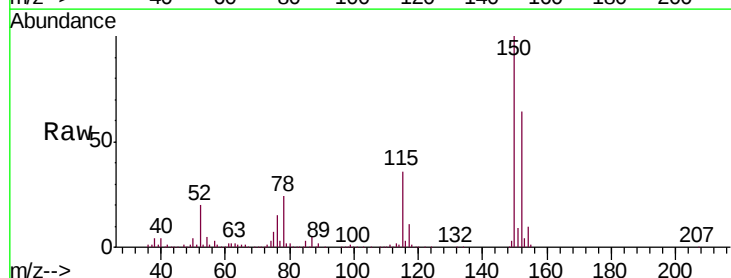
Acq: 18 Jul 2019 15:38

Tgt Ion: 75 Resp: 20655

Ion Ratio Lower Upper

75 100

77 38.1 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU033320.D (-3228) (-)

Ion 77.00 (76.70 to 77.70): VU033320.D (-3228) (-)

15000

10000

5000

0

11.40

11.45

11.47

11.50

Time-->

