

Data File : VU030373.D
Acq On : 24 Mar 2019 16:13
Operator : JC/SP
Sample : K2016-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0984

Quant Time: Mar 25 03:25:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	383610	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	363182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	142518	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	138420	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.68%
7) Chloroethane-d5	1.68	69	115303	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.24%
11) 1,1-Dichloroethene-d2	2.27	63	202454	34.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.14%
21) 2-Butanone-d5	4.17	46	282957	97.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.50%
24) Chloroform-d	4.65	84	258946	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
26) 1,2-Dichloroethane-d4	5.31	65	172848	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
32) Benzene-d6	5.34	84	525598	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
36) 1,2-Dichloropropane-d6	6.33	67	190237	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.78%
41) Toluene-d8	7.56	98	456638	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%
43) trans-1,3-Dichloropropene-	7.85	79	74087	44.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.44%
47) 2-Hexanone-d5	8.31	63	186984	96.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	251395	49.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	151767	53.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.30%

Target Compounds

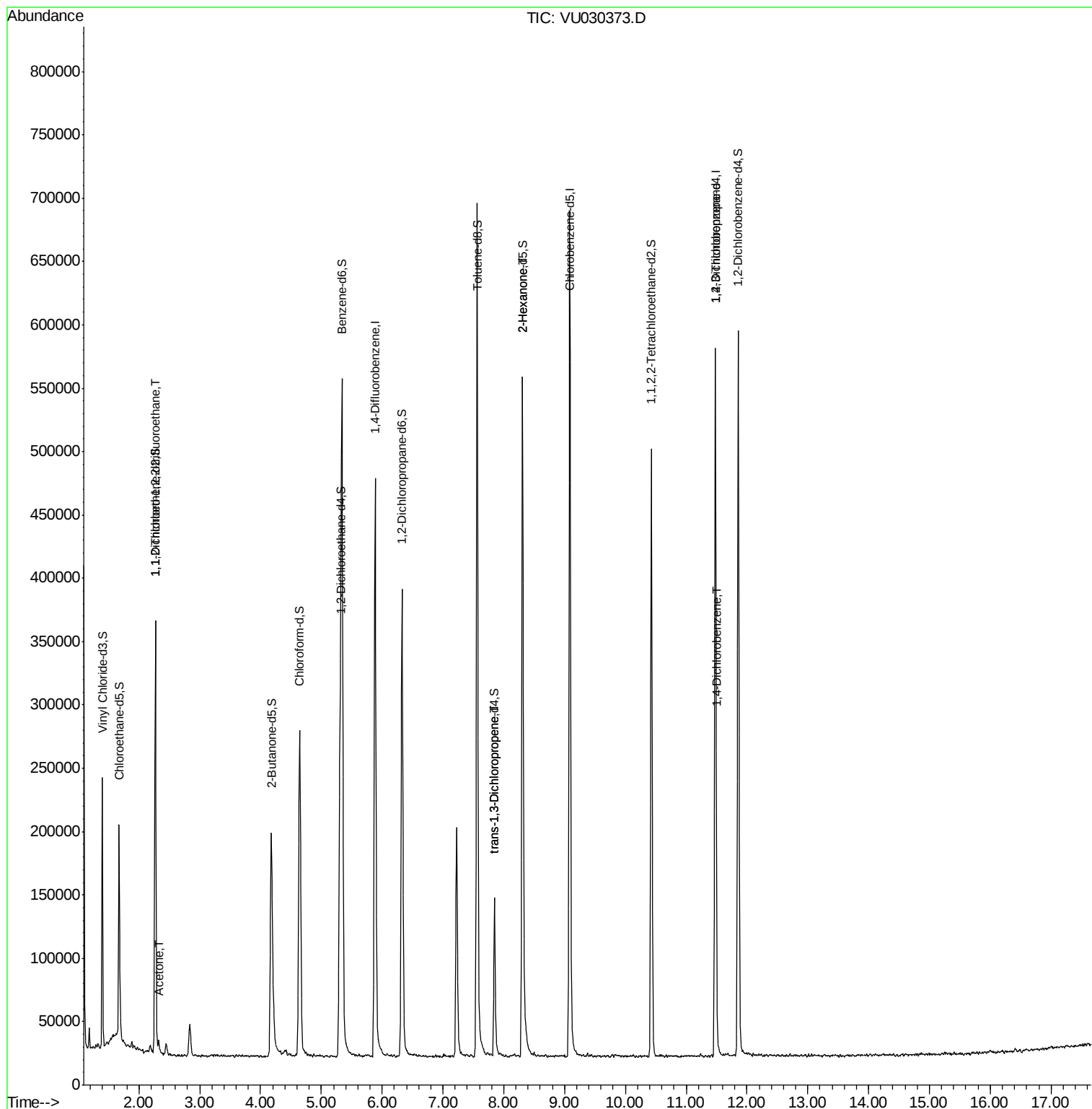
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1655	0.591 ug/L #	21
13) Acetone	2.32	43	7237	2.466 ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	2933	0.661 ug/L	99
48) 2-Hexanone	8.31	43	22264	4.609 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	20341	4.763 ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	3699	0.771 ug/L	94

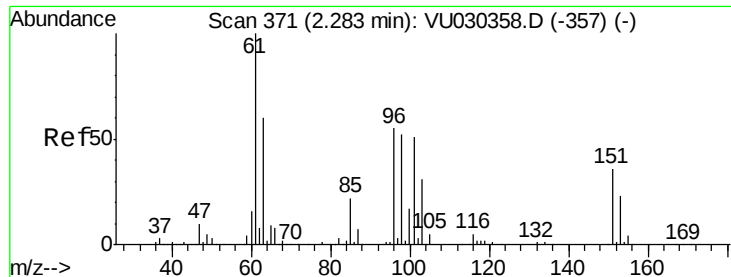
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.591 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

C0984

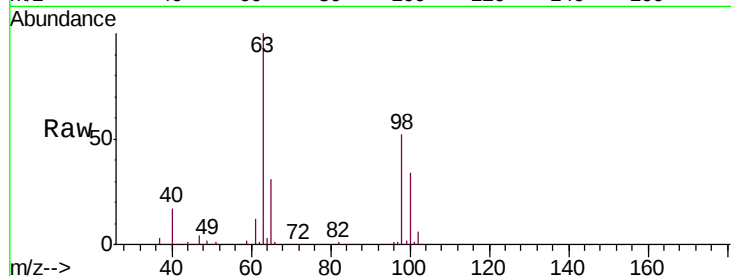
Tgt Ion: 101 Resp: 1655

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

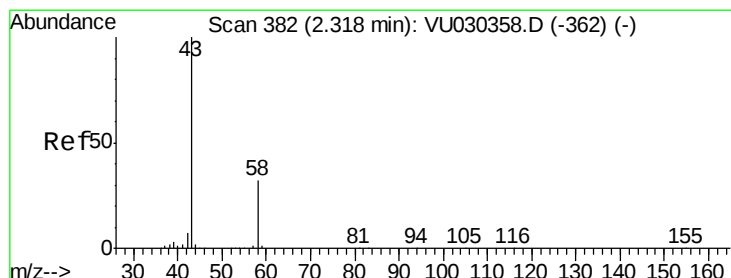
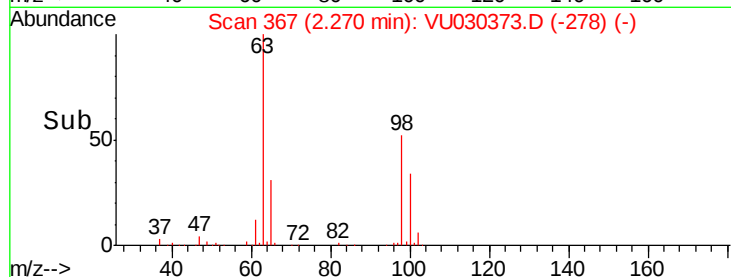
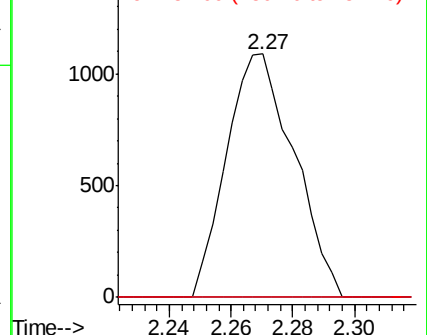
151 0.0 56.6 85.0#



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: 2.466 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030373.D

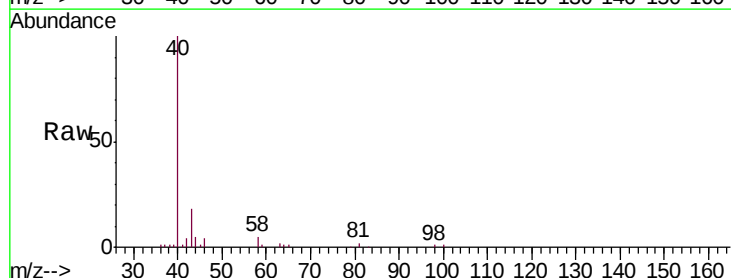
Acq: 24 Mar 2019 16:13

Tgt Ion: 43 Resp: 7237

Ion Ratio Lower Upper

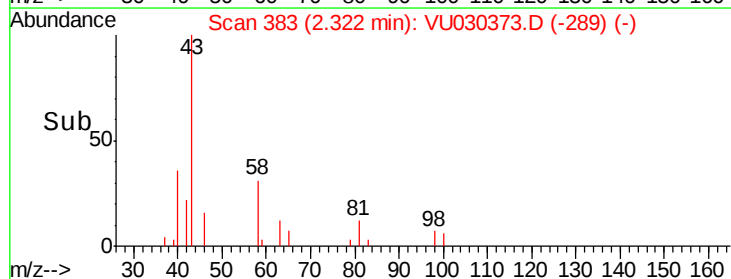
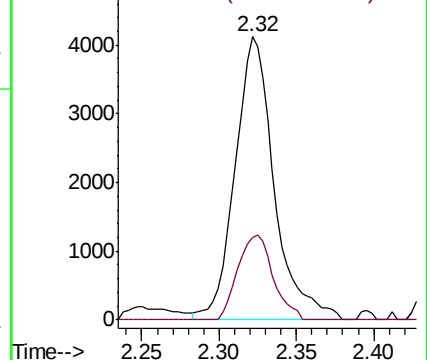
43 100

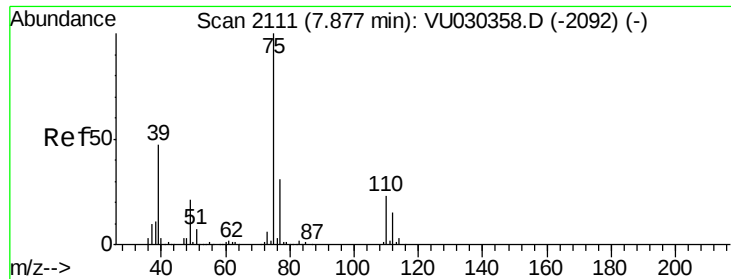
58 26.9 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

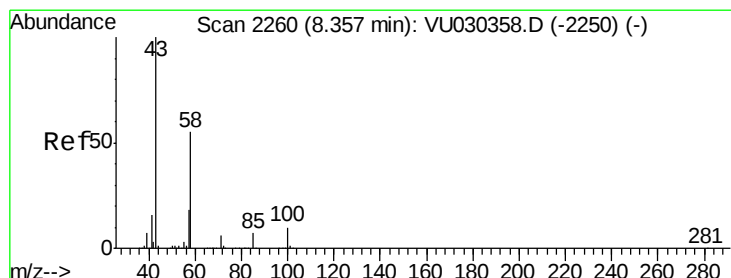
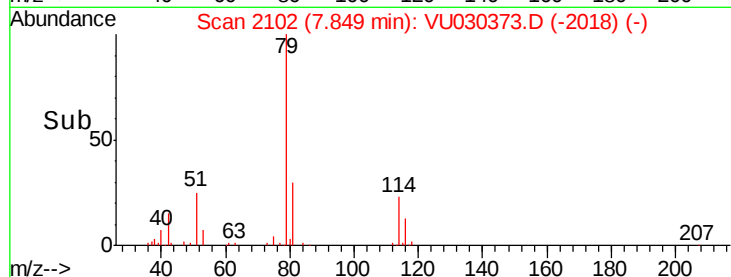
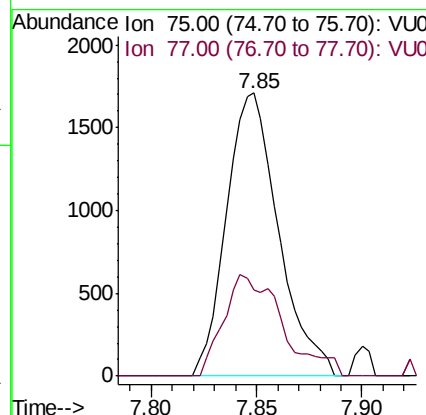
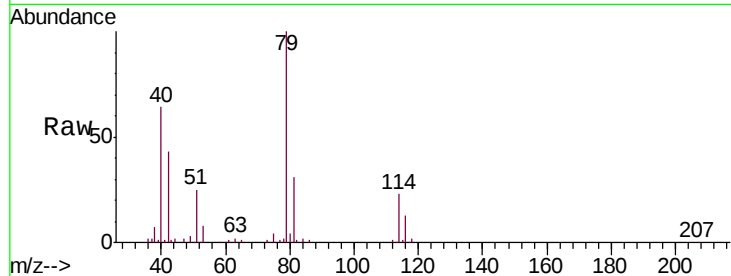




#44
trans-1,3-Dichloropropene
Concen: 0.661 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030373.D
Acq: 24 Mar 2019 16:13

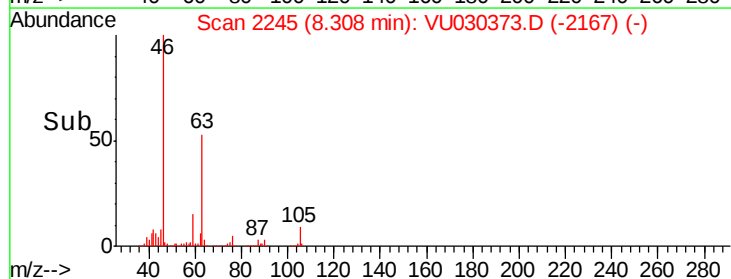
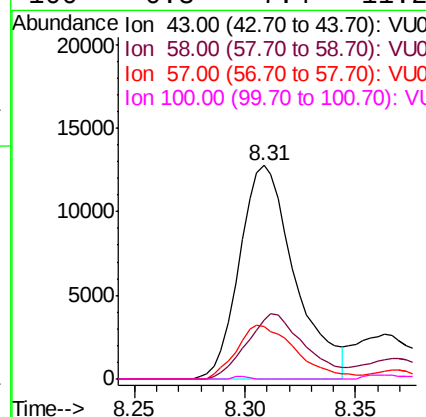
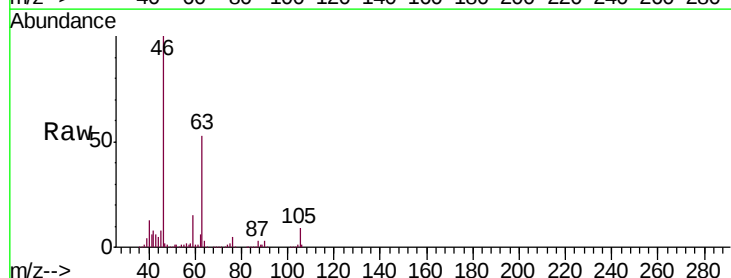
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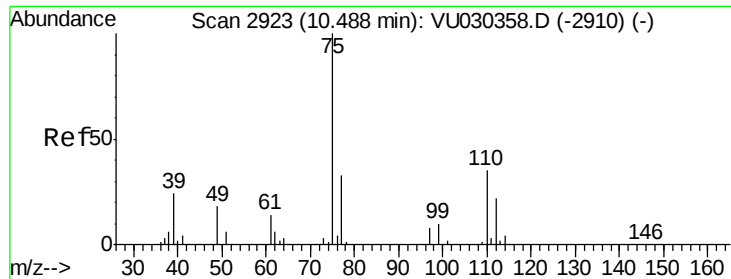
Tgt Ion: 75 Resp: 2933
Ion Ratio Lower Upper
75 100
77 30.7 22.0 40.8



#48
2-Hexanone
Concen: 4.609 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030373.D
Acq: 24 Mar 2019 16:13

Tgt Ion: 43 Resp: 22264
Ion Ratio Lower Upper
43 100
58 31.8 42.5 63.7#
57 26.8 15.0 22.6#
100 0.3 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 4.763 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030373.D

Acq: 24 Mar 2019 16:13

Instrument :

MSVOA_U

ClientSampled :

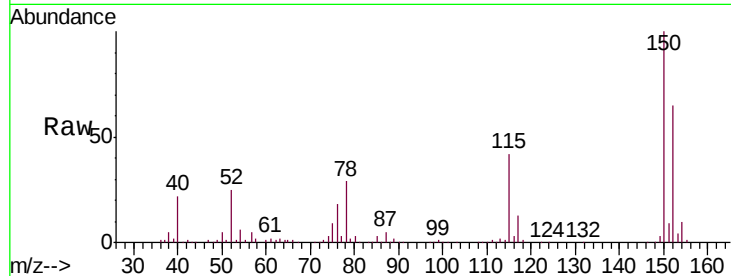
C0984

Tgt Ion: 75 Resp: 20341

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU030373.D (-2301) (-)

Ion 77.00 (76.70 to 77.70): VU030373.D (-2301) (-)

11.48

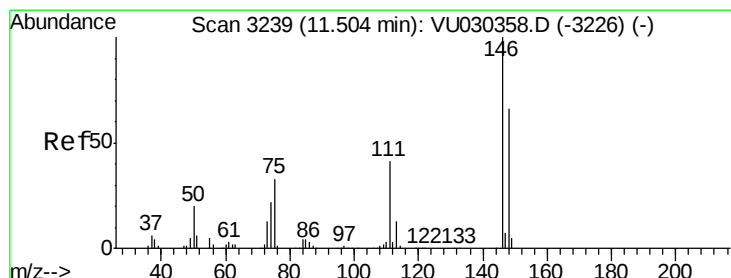
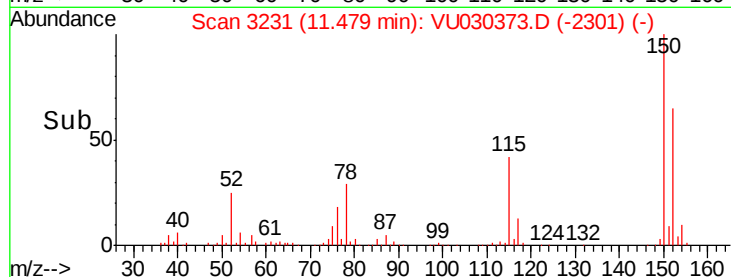
10000

5000

0

11.45 11.50 11.55

Time-->



#63

1,4-Dichlorobenzene

Concen: 0.771 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU030373.D

Acq: 24 Mar 2019 16:13

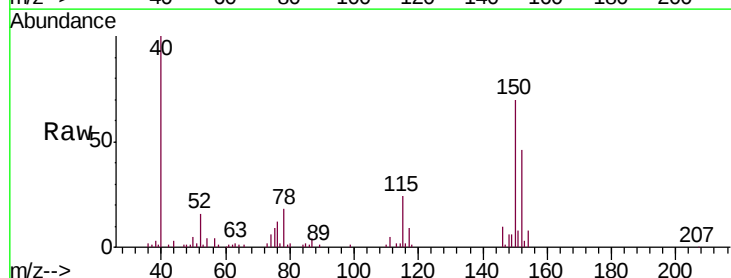
Tgt Ion: 146 Resp: 3699

Ion Ratio Lower Upper

146 100

111 46.9 28.7 53.3

148 66.5 44.3 82.3



Abundance Ion 146.00 (145.70 to 146.70): VU030373.D (-3115) (-)

Ion 111.00 (110.70 to 111.70): VU030373.D (-3115) (-)

Ion 148.00 (147.70 to 148.70): VU030373.D (-3115) (-)

11.50

3000

2500

2000

1500

1000

500

0

11.45 11.50 11.55

Time-->

