

Data File : VU030501.D
Acq On : 27 Mar 2019 22:16
Operator : JC/SP
Sample : K2120-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5D5

Quant Time: Mar 28 02:50:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	417126	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	390337	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154812	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153652	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.54%
7) Chloroethane-d5	1.68	69	120614	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.66%
11) 1,1-Dichloroethene-d2	2.27	63	218586	34.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.66%
21) 2-Butanone-d5	4.17	46	253752	80.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.41%
24) Chloroform-d	4.65	84	253423	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
26) 1,2-Dichloroethane-d4	5.31	65	174205	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
32) Benzene-d6	5.34	84	519401	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.33	67	183234	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.68%
41) Toluene-d8	7.56	98	454299	45.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.38%
43) trans-1,3-Dichloropropene-	7.85	79	78310	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.96%
47) 2-Hexanone-d5	8.31	63	163144	78.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	240283	43.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	146413	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1842	0.605	ug/L #	21
13) Acetone	2.32	43	5302	1.661	ug/L	92
20) cis-1,2-Dichloroethene	4.23	96	4303	1.225	ug/L	94
39) cis-1,3-Dichloropropene	7.23	75	4362	0.805	ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	3004	0.630	ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	20894	4.552	ug/L #	88

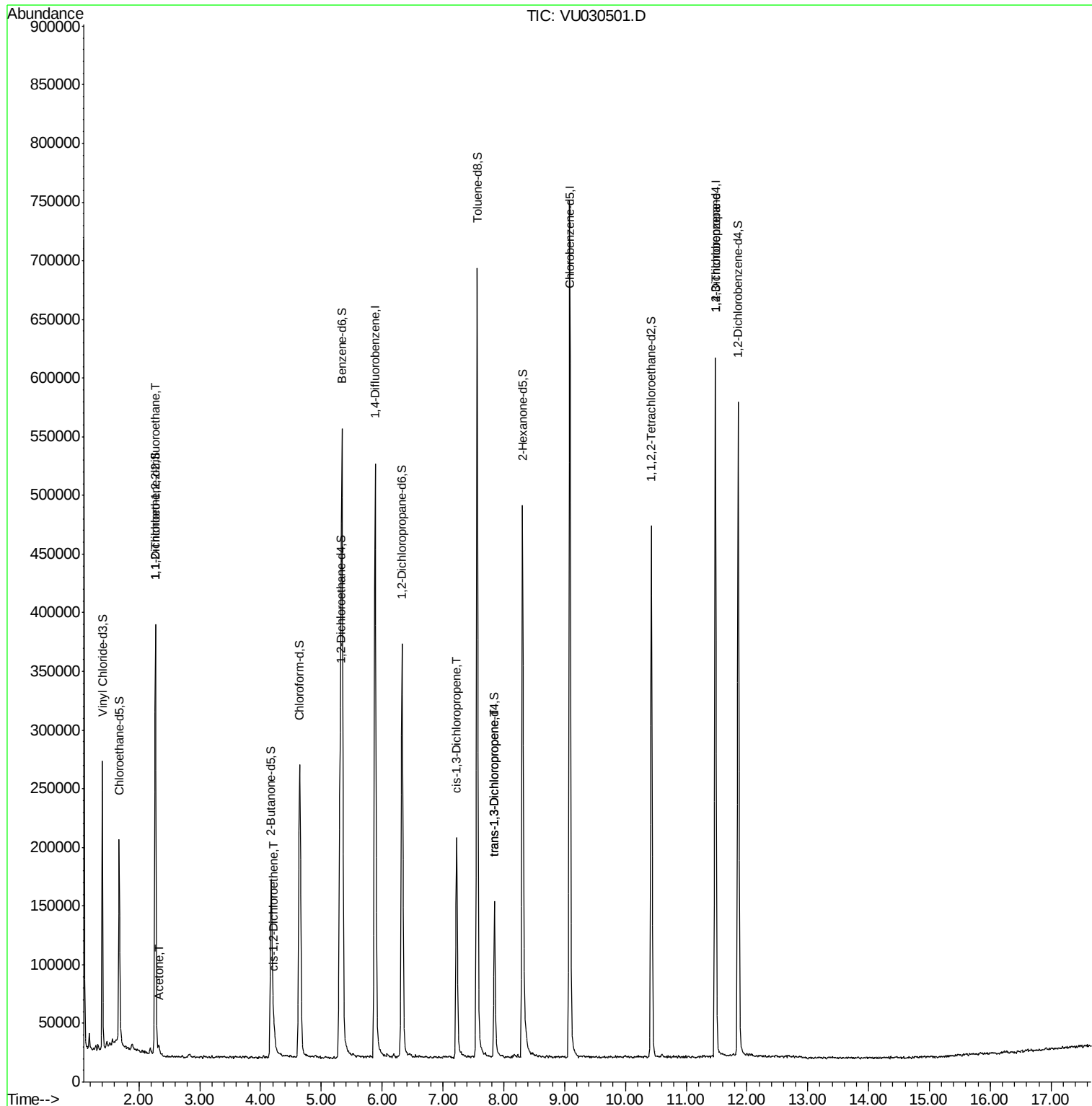
(#) = qualifier out of range (m) = manual integration (+) = signals summed

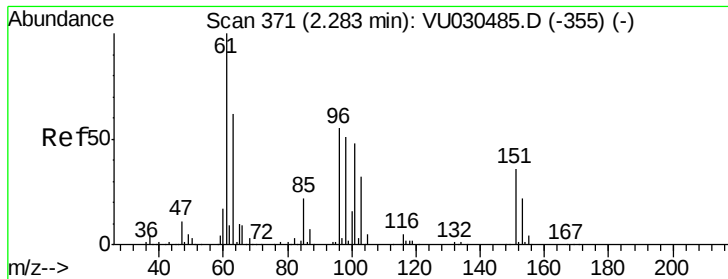
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Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration





#10

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

Concen: 0.605 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030501.D

Acq: 27 Mar 2019 22:16

Instrument :

MSVOA_U

ClientSampleId :

BF5D5

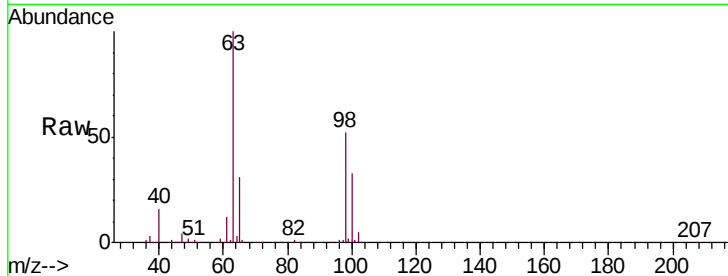
Tgt Ion:101 Resp: 1842

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

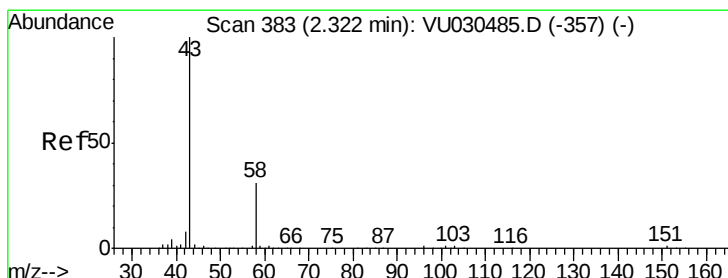
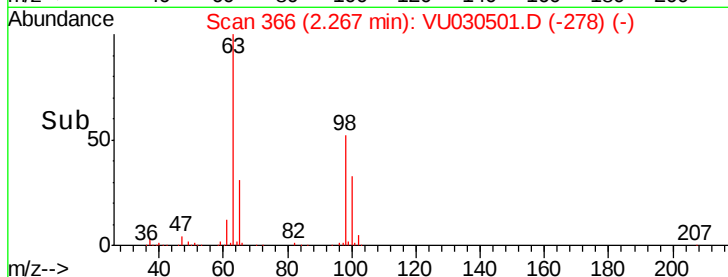
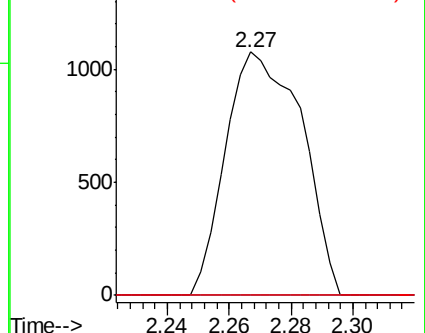
151 0.0 56.6 85.0#



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: 1.661 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU030501.D

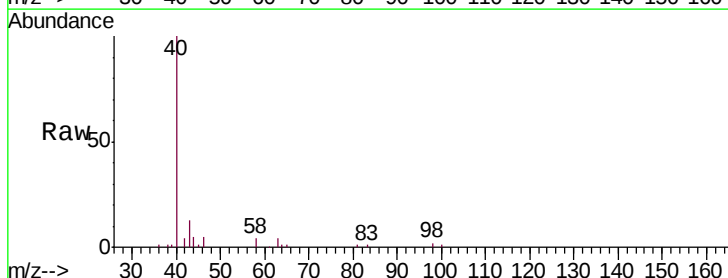
Acq: 27 Mar 2019 22:16

Tgt Ion: 43 Resp: 5302

Ion Ratio Lower Upper

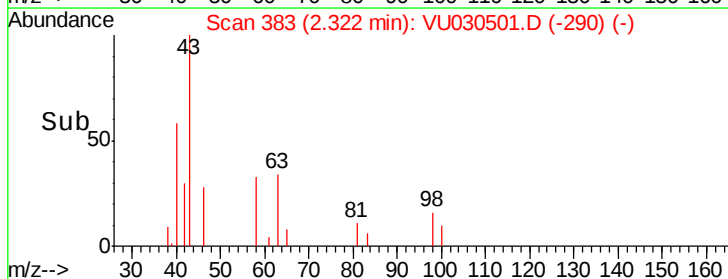
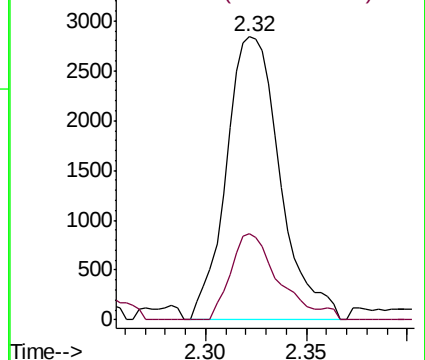
43 100

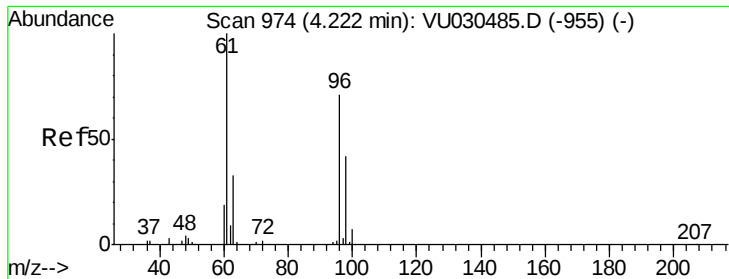
58 26.7 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

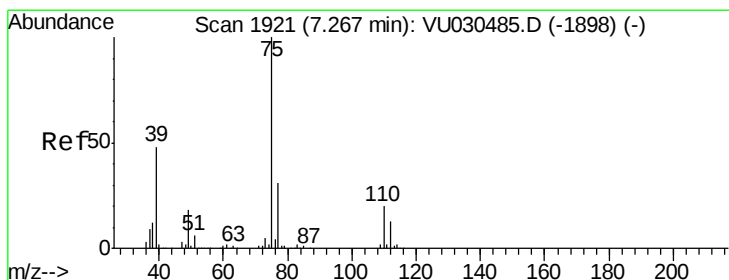
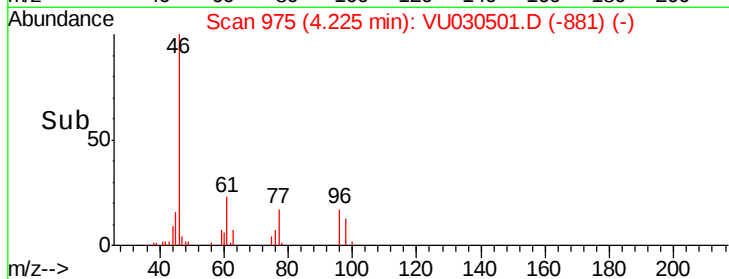
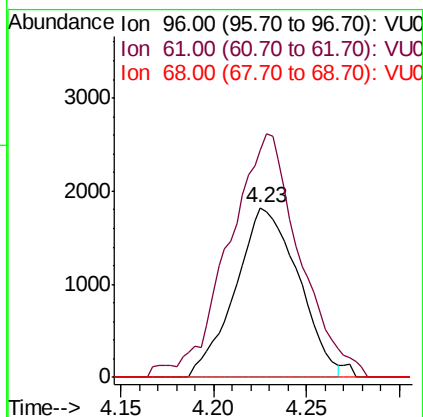
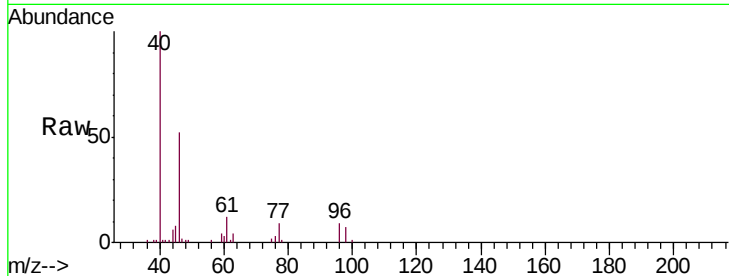




#20
 cis-1,2-Dichloroethene
 Concen: 1.225 ug/L
 RT: 4.23 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VU030501.D
 Acq: 27 Mar 2019 22:16

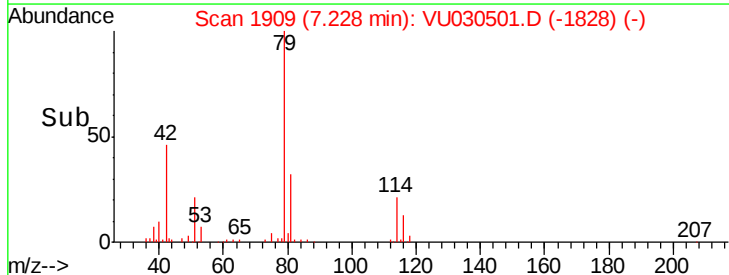
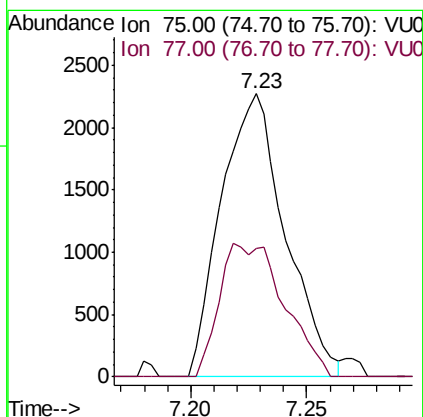
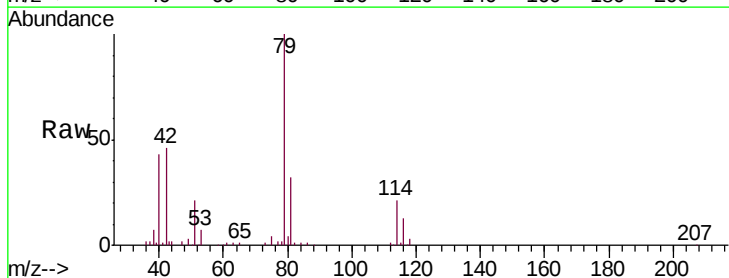
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 MSVOA_U
 ClientSampleId :
 BF5D5

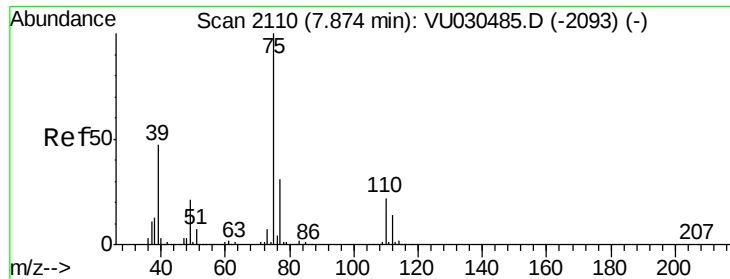
Tgt Ion: 96 Resp: 4303
 Ion Ratio Lower Upper
 96 100
 61 133.8 98.4 182.8
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 0.805 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU030501.D
 Acq: 27 Mar 2019 22:16

Tgt Ion: 75 Resp: 4362
 Ion Ratio Lower Upper
 75 100
 77 45.5 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.630 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030501.D

Acq: 27 Mar 2019 22:16

Instrument :

MSVOA_U

ClientSampleId :

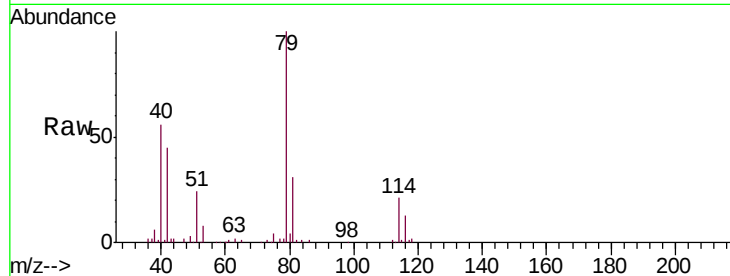
BF5D5

Tgt Ion: 75 Resp: 3004

Ion Ratio Lower Upper

75 100

77 38.8 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU030485.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030485.D (-2093) (-)

7.85

1500

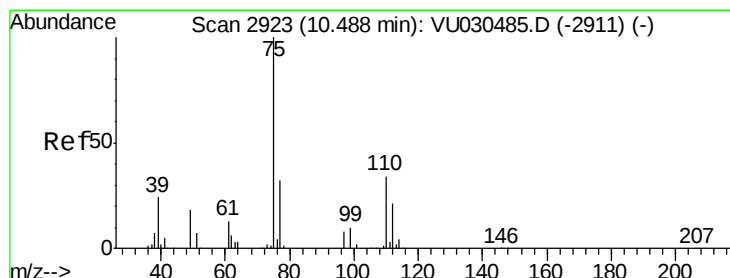
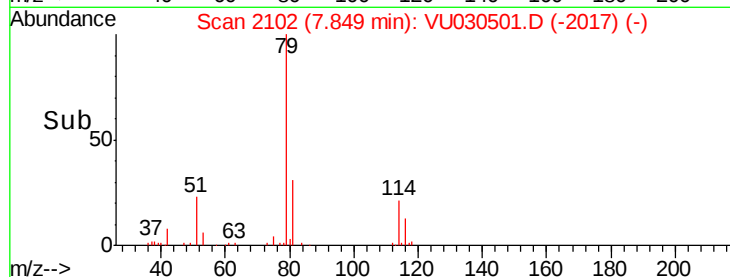
1000

500

0

7.80 7.85 7.90

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.552 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030501.D

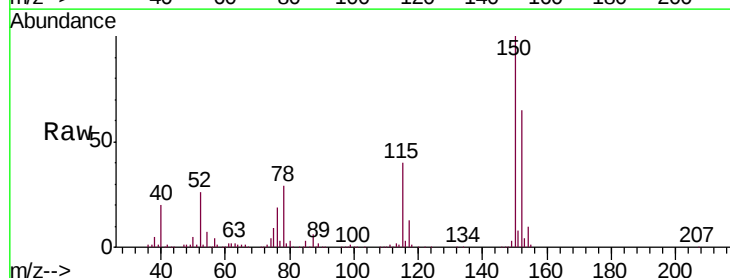
Acq: 27 Mar 2019 22:16

Tgt Ion: 75 Resp: 20894

Ion Ratio Lower Upper

75 100

77 38.5 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU030485.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU030485.D (-2911) (-)

11.48

10000

5000

0

11.45 11.50 11.55

Time-->

