

Data File : VU033459.D
Acq On : 26 Jul 2019 17:27
Operator : JC/SP
Sample : K3976-03DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CB5DL

Quant Time: Jul 27 02:03:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	271243	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	276267	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	117314	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	109357	53.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.52%
7) Chloroethane-d5	1.67	69	98604	56.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.42%
11) 1,1-Dichloroethene-d2	2.25	63	142535	38.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.54%
21) 2-Butanone-d5	4.15	46	145751	112.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.03%
24) Chloroform-d	4.62	84	172343	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
26) 1,2-Dichloroethane-d4	5.29	65	123830	56.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.22%
32) Benzene-d6	5.32	84	364895	53.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.68%
36) 1,2-Dichloropropane-d6	6.31	67	120557	55.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.06%
41) Toluene-d8	7.55	98	331119	51.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.62%
43) trans-1,3-Dichloropropene-	7.83	79	52532	49.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.70%
47) 2-Hexanone-d5	8.29	63	98880	101.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.03%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	176245	53.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.28%
64) 1,2-Dichlorobenzene-d4	11.85	152	124812	59.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.32%

Target Compounds

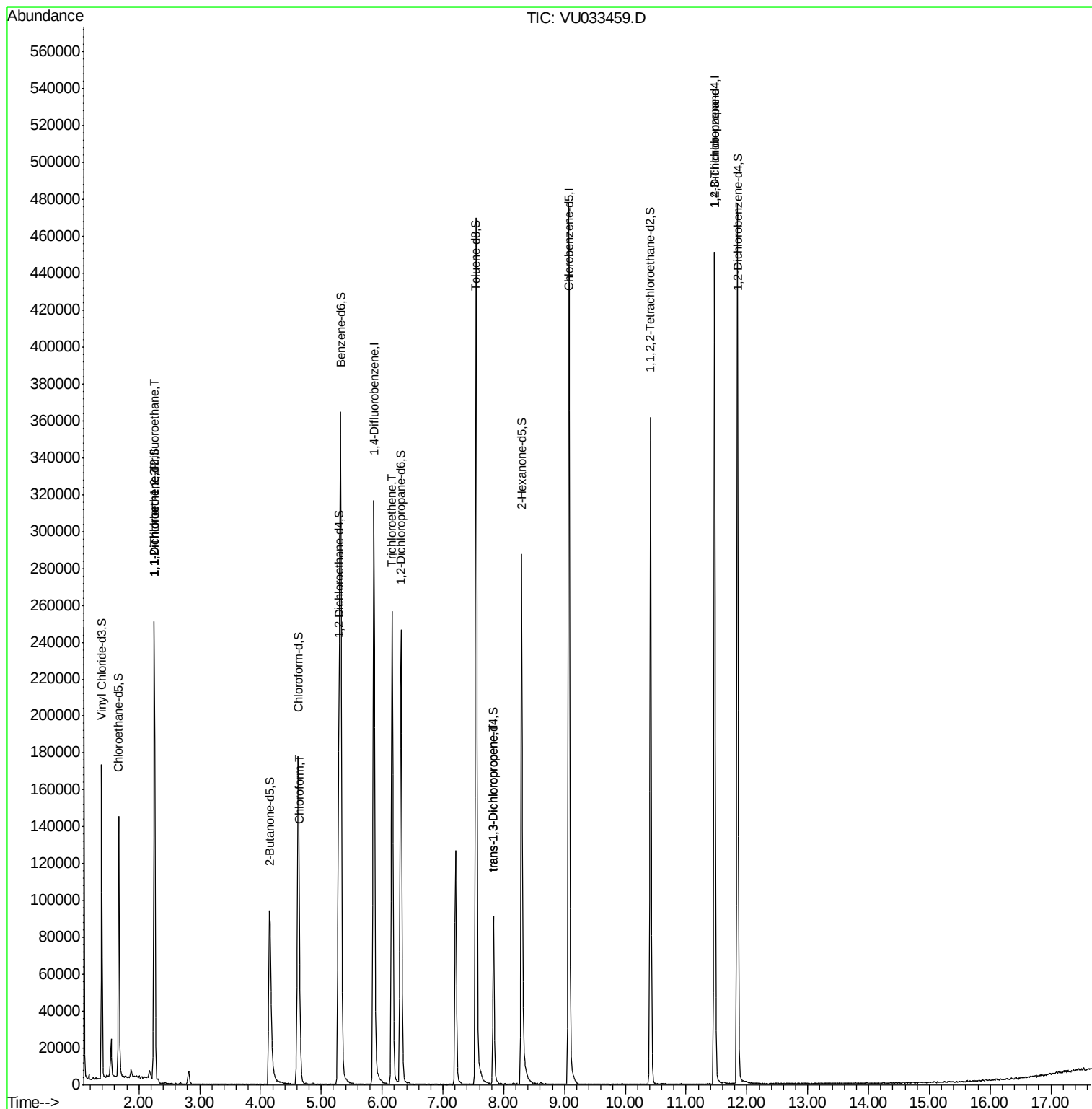
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1183	0.639 ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1085	0.599 ug/L #	1
25) Chloroform	4.65	83	14144	3.697 ug/L	93
34) Trichloroethene	6.16	95	90237	42.826 ug/L	96
44) trans-1,3-Dichloropropene	7.83	75	2331	0.772 ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	13826	4.861 ug/L #	86

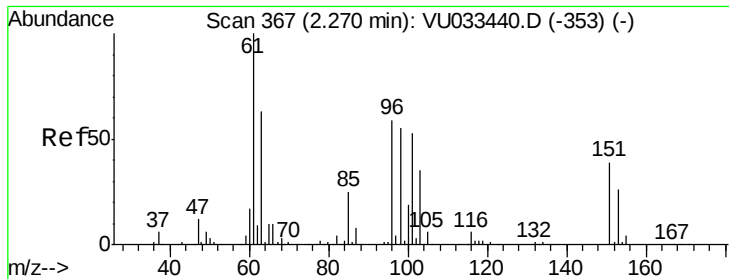
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.639 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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ClientSampleId :

C0CB5DL

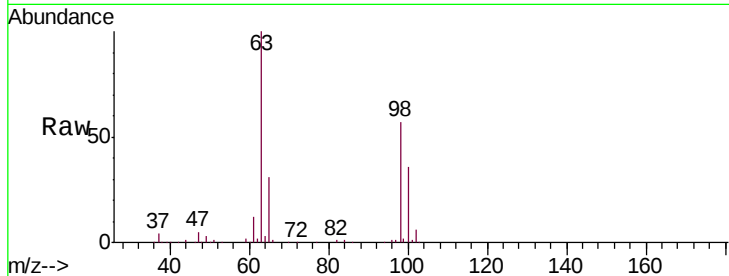
Tgt Ion: 101 Resp: 1183

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

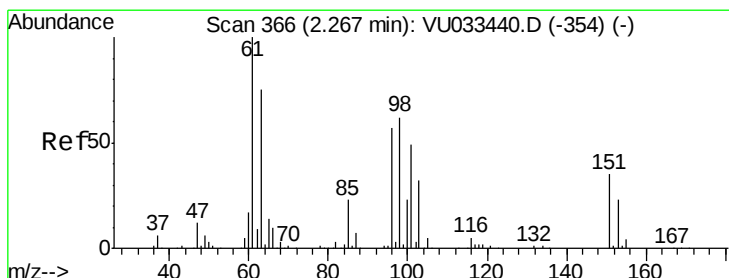
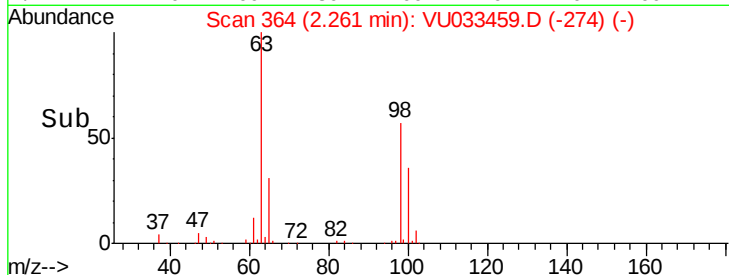
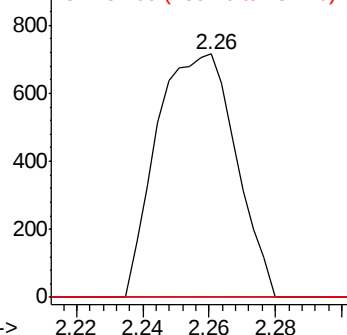
151 0.0 56.7 85.1#



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



#12

1,1-Dichloroethene

Concen: 0.599 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

Lab File: VU033459.D

Acq: 26 Jul 2019 17:27

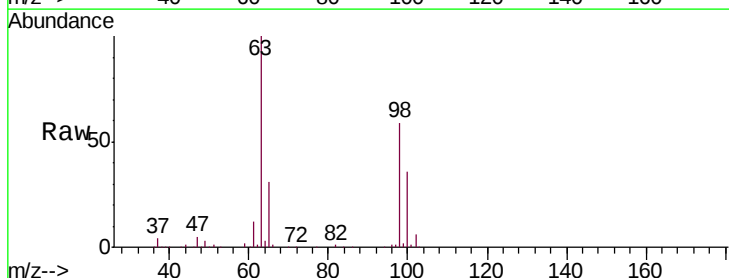
Tgt Ion: 96 Resp: 1085

Ion Ratio Lower Upper

96 100

61 1729.1 126.1 234.1#

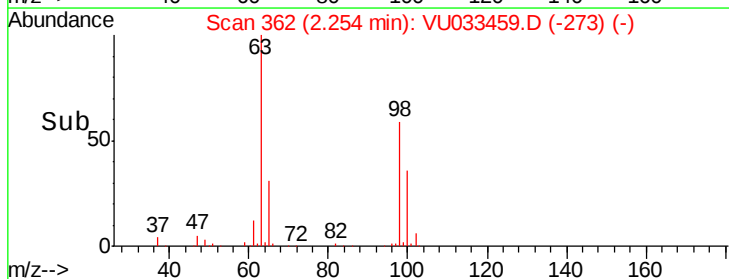
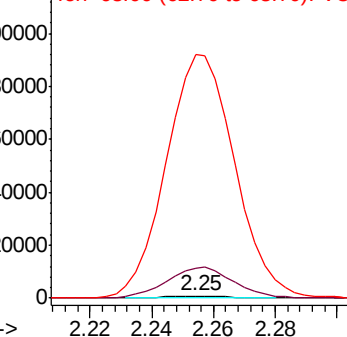
63 13853.0 96.8 179.8#

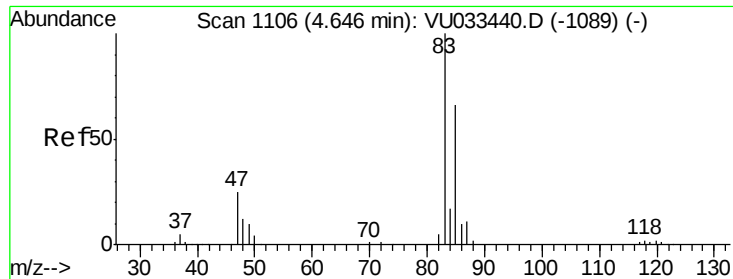


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

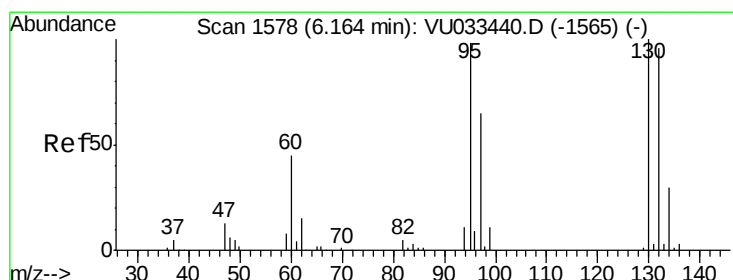
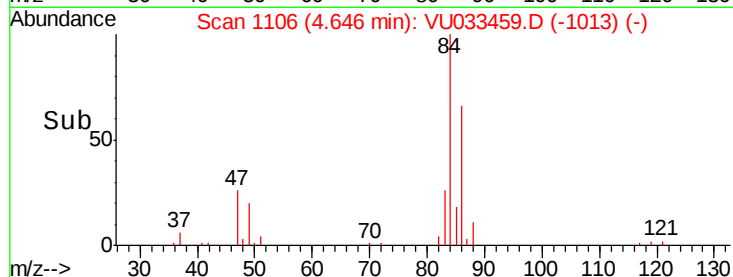
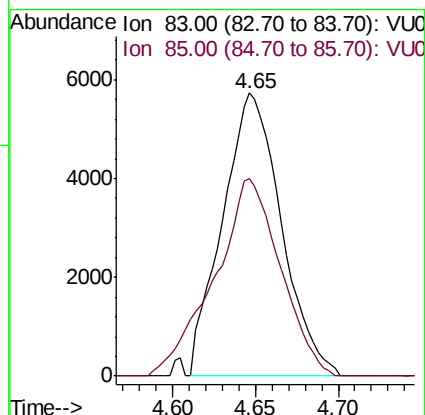
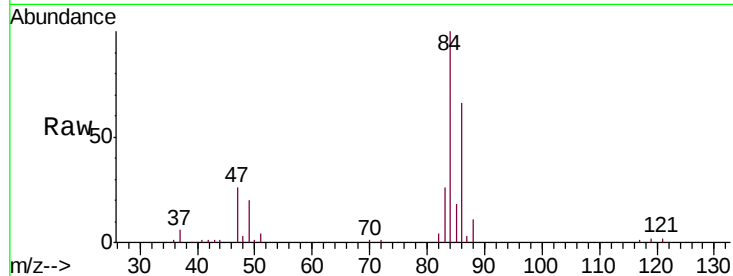




#25
Chloroform
Concen: 3.697 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033459.D
Acq: 26 Jul 2019 17:27

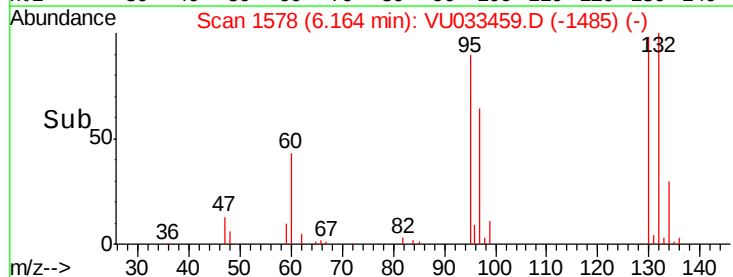
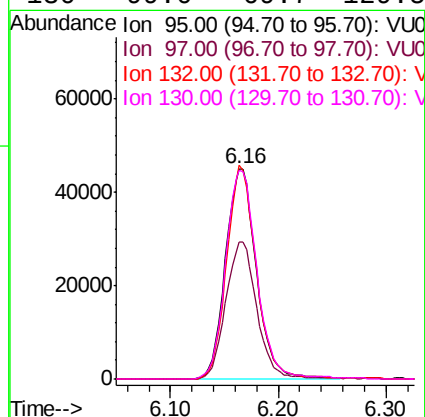
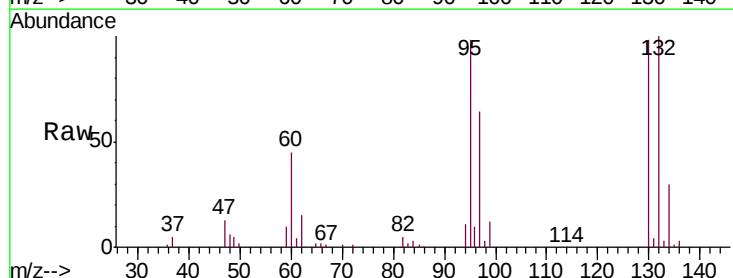
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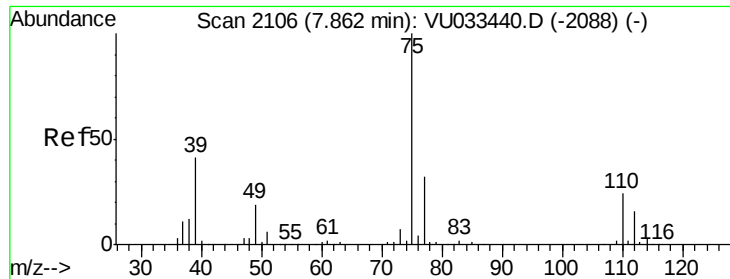
Tgt Ion: 83 Resp: 14144
Ion Ratio Lower Upper
83 100
85 70.0 45.4 84.4



#34
Trichloroethene
Concen: 42.826 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033459.D
Acq: 26 Jul 2019 17:27

Tgt Ion: 95 Resp: 90237
Ion Ratio Lower Upper
95 100
97 65.0 43.8 81.4
132 101.5 65.5 121.6
130 99.0 69.7 129.5





#44

trans-1,3-Dichloropropene

Concen: 0.772 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033459.D

Acq: 26 Jul 2019 17:27

Instrument :

MSVOA_U

ClientSampleId :

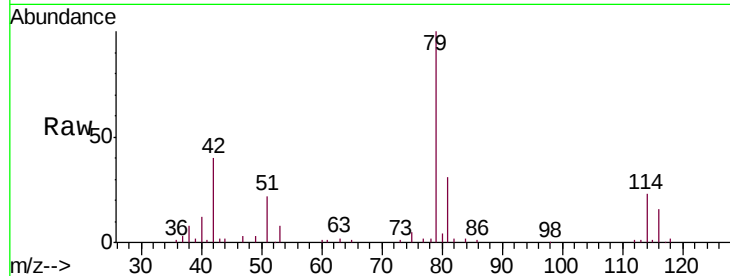
C0CB5DL

Tgt Ion: 75 Resp: 2331

Ion Ratio Lower Upper

75 100

77 48.5 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VU033440.D (-2088) (-)

Ion 77.00 (76.70 to 77.70): VU033440.D (-2088) (-)

7.83

1500

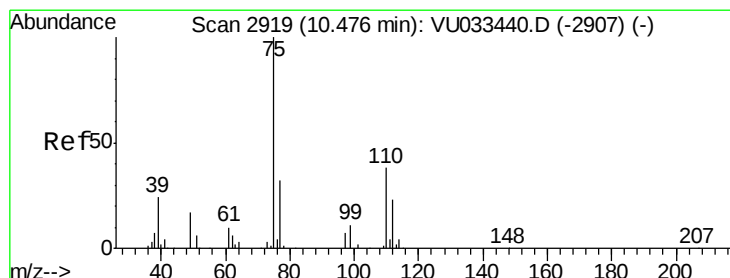
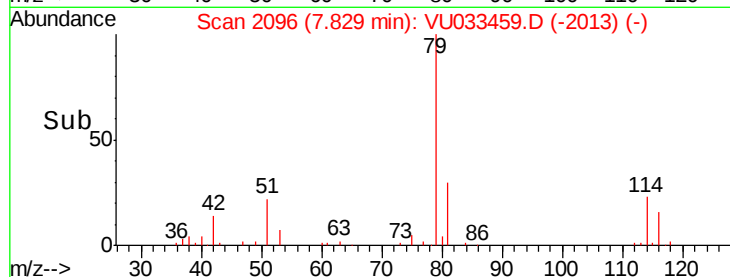
1000

500

0

7.80 7.85

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.861 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033459.D

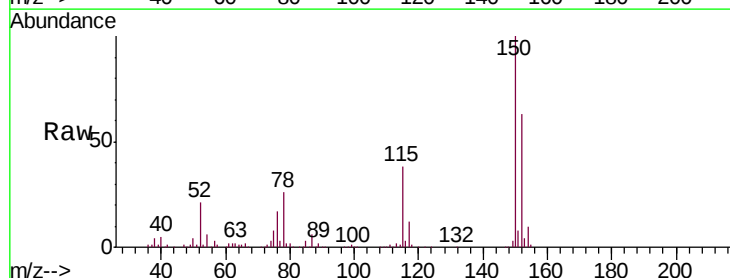
Acq: 26 Jul 2019 17:27

Tgt Ion: 75 Resp: 13826

Ion Ratio Lower Upper

75 100

77 40.2 26.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VU033440.D (-2907) (-)

Ion 77.00 (76.70 to 77.70): VU033440.D (-2907) (-)

11.47

10000

8000

6000

4000

2000

0

11.40 11.45 11.50

Time-->

