

Data File : VU033396.D
Acq On : 25 Jul 2019 09:46
Operator : JC/SP
Sample : K3957-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A03

Quant Time: Jul 26 04:36:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:32:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	267186	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	276586	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	119882	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77669	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.80%
7) Chloroethane-d5	1.67	69	75934	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.90%
11) 1,1-Dichloroethene-d2	2.26	63	127244	34.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.36%
21) 2-Butanone-d5	4.15	46	120784	94.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.25%
24) Chloroform-d	4.62	84	146179	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.26%
26) 1,2-Dichloroethane-d4	5.29	65	101423	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
32) Benzene-d6	5.32	84	290475	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.62%
36) 1,2-Dichloropropane-d6	6.31	67	100014	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.02%
41) Toluene-d8	7.55	98	257307	40.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.42%
43) trans-1,3-Dichloropropene-	7.83	79	44015	41.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.60%
47) 2-Hexanone-d5	8.29	63	84607	86.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.35%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	151758	46.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.26%
64) 1,2-Dichlorobenzene-d4	11.85	152	101695	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%

Target Compounds

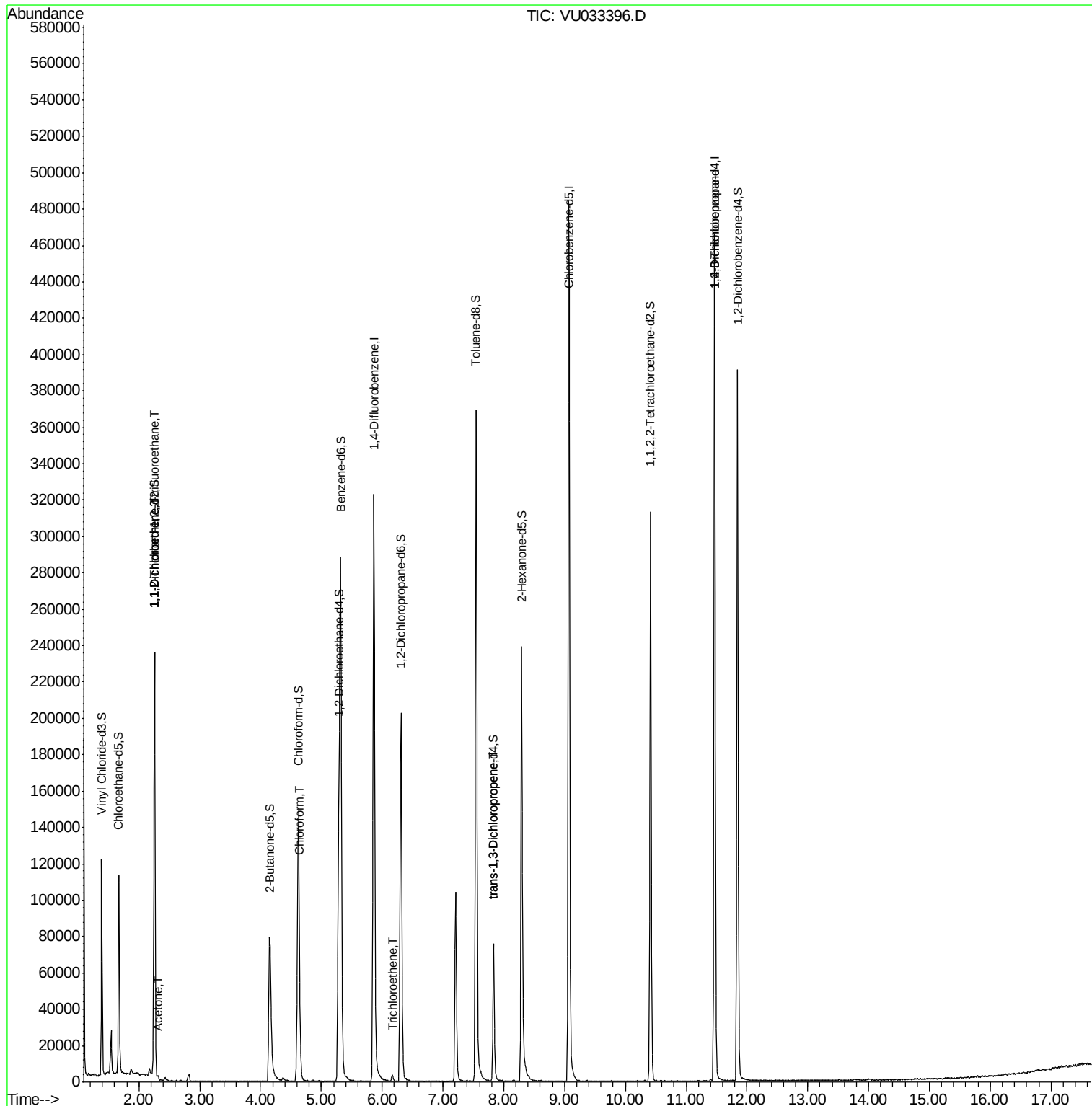
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1116	0.612 ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1101	0.617 ug/L #	1
13) Acetone	2.31	43	957	0.598 ug/L	90
25) Chloroform	4.65	83	10231	2.715 ug/L	100
34) Trichloroethene	6.17	95	1094	0.519 ug/L	95
44) trans-1,3-Dichloropropene	7.84	75	2092	0.692 ug/L	91
59) 1,2,3-Trichloropropane	11.47	75	15222	5.345 ug/L	95

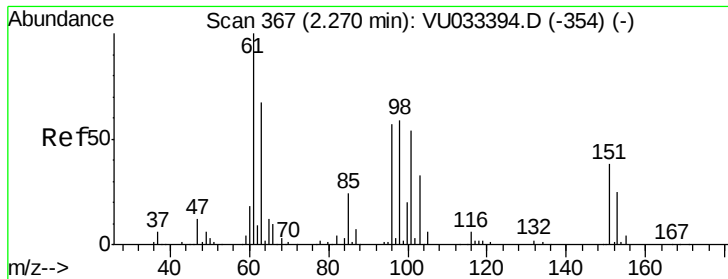
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.612 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

F2A03

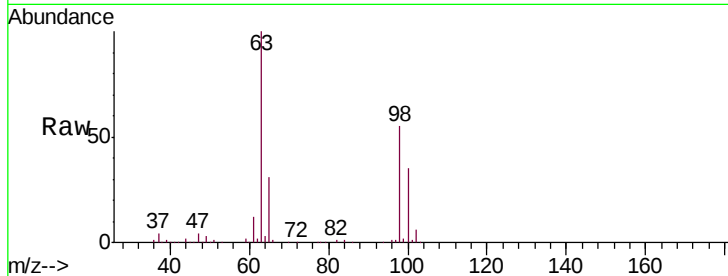
Tgt Ion: 101 Resp: 1116

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

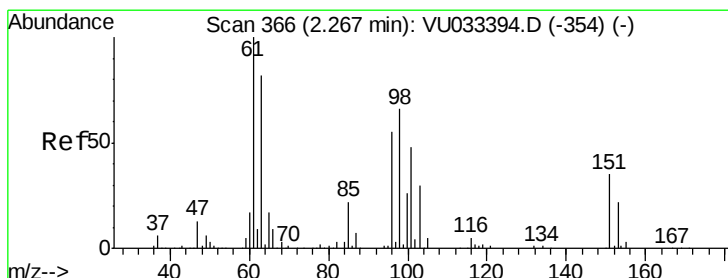
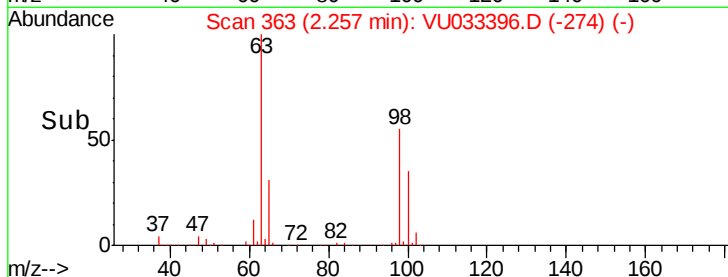
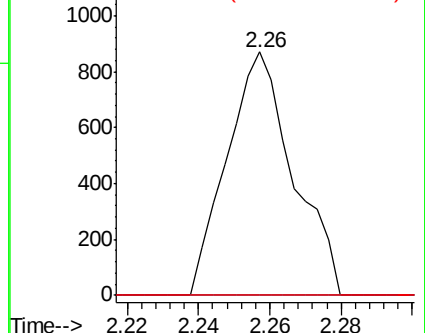
151 0.0 56.7 85.1#



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: 0.617 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

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Acq: 25 Jul 2019 09:46

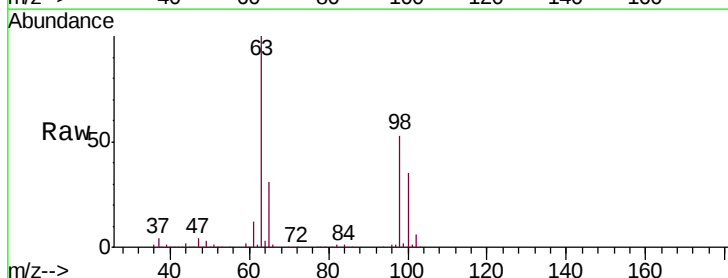
Tgt Ion: 96 Resp: 1101

Ion Ratio Lower Upper

96 100

61 1372.9 126.1 234.1#

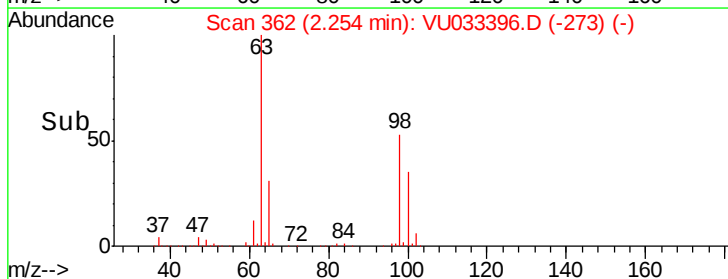
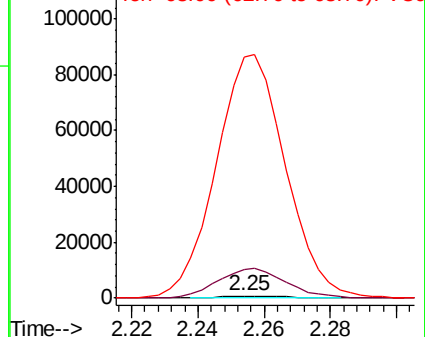
63 11490.0 96.8 179.8#

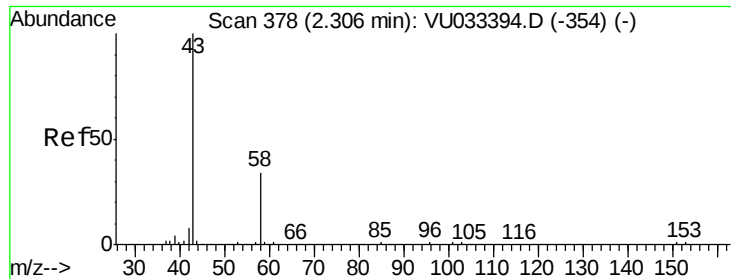


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.598 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU033396.D

Acq: 25 Jul 2019 09:46

Instrument :

MSVOA_U

ClientSampled :

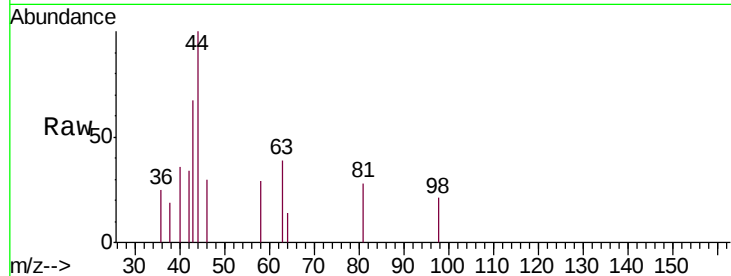
F2A03

Tgt Ion: 43 Resp: 957

Ion Ratio Lower Upper

43 100

58 27.3 0.0 65.4

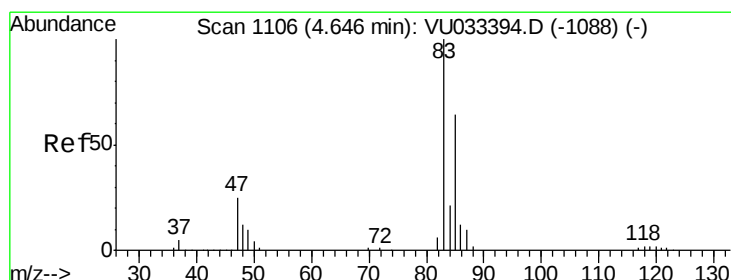
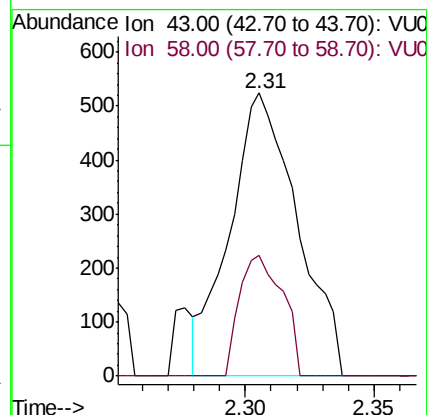
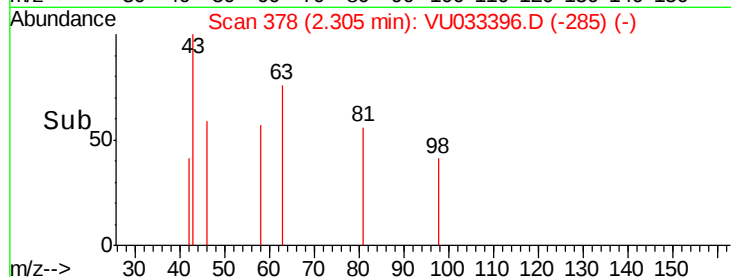


Abundance Ion 43.00 (42.70 to 43.70): VU033394.D (-354) (-)

Ion 58.00 (57.70 to 58.70): VU033394.D (-354) (-)

2.31

2.30 2.35



#25

Chloroform

Concen: 2.715 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033396.D

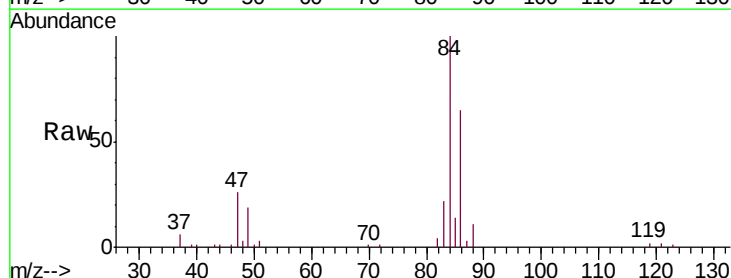
Acq: 25 Jul 2019 09:46

Tgt Ion: 83 Resp: 10231

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4

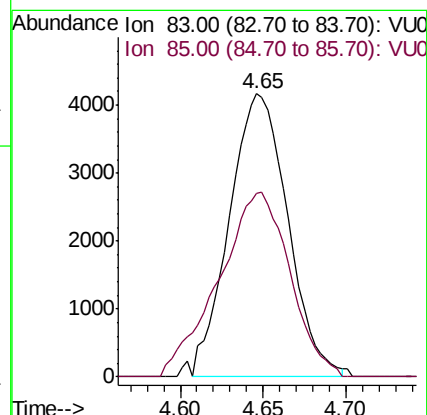
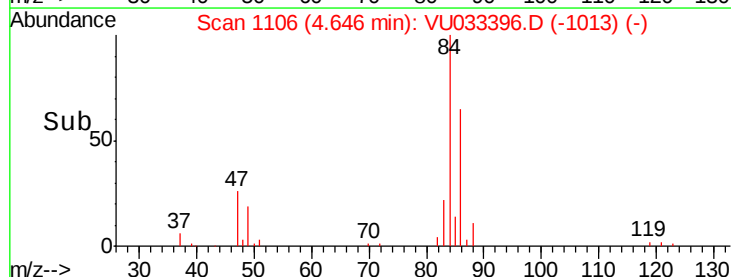


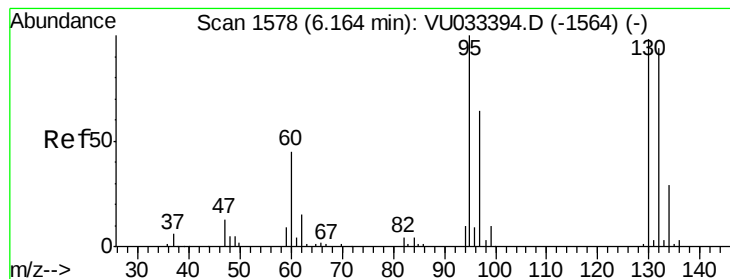
Abundance Ion 83.00 (82.70 to 83.70): VU033394.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033394.D (-1088) (-)

4.65

4.60 4.70





#34

Trichloroethene

Concen: 0.519 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VU033396.D

Acq: 25 Jul 2019 09:46

Instrument :

MSVOA_U

ClientSampleId :

F2A03

Tgt Ion: 95 Resp: 1094

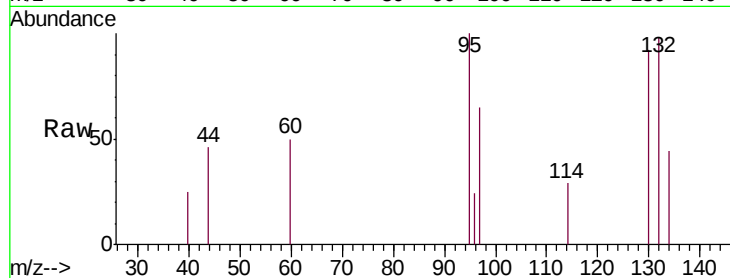
Ion Ratio Lower Upper

95 100

97 65.2 43.8 81.4

132 97.6 65.5 121.6

130 92.5 69.7 129.5

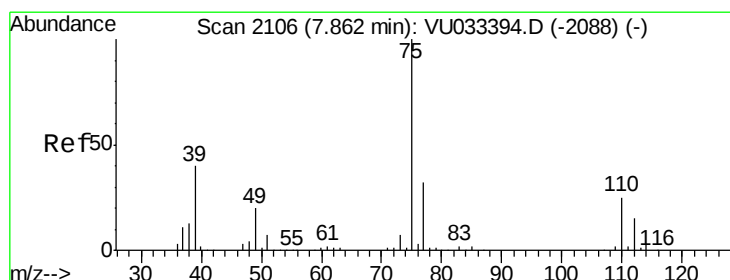
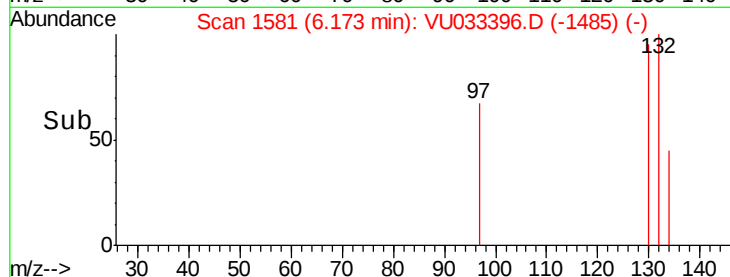
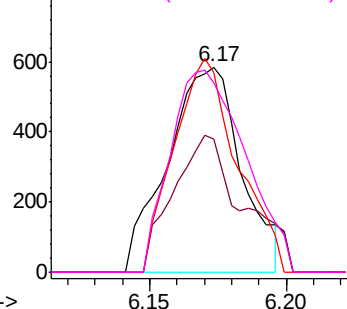


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.692 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.03 min

Lab File: VU033396.D

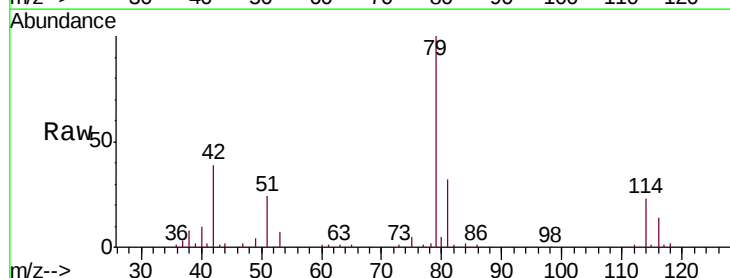
Acq: 25 Jul 2019 09:46

Tgt Ion: 75 Resp: 2092

Ion Ratio Lower Upper

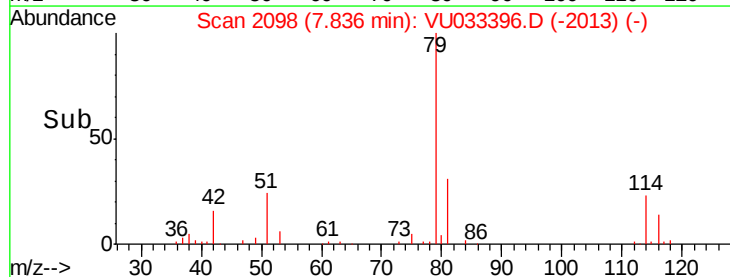
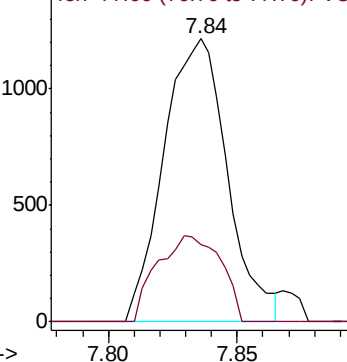
75 100

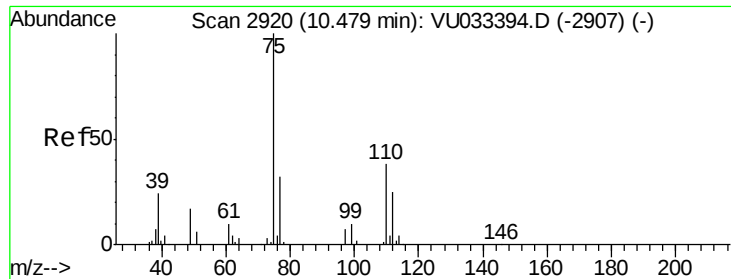
77 27.2 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.345 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033396.D

Acq: 25 Jul 2019 09:46

Instrument :

MSVOA_U

ClientSampleId :

F2A03

Tgt Ion: 75 Resp: 15222

Ion Ratio Lower Upper

75 100

77 35.4 26.0 39.0

