

Data File : VU037311.D
Acq On : 17 Mar 2020 13:04
Operator : JC/MD
Sample : L1901-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0NE9

Quant Time: Mar 18 02:38:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 02:36:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	370450	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	365393	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147421	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123654	43.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.26%
7) Chloroethane-d5	1.93	69	109964	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.14%
11) 1,1-Dichloroethene-d2	2.59	63	181502	34.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.02%
21) 2-Butanone-d5	4.67	46	233614	102.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.96%
24) Chloroform-d	5.11	84	274534	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.74	65	200429	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
32) Benzene-d6	5.76	84	505629	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
36) 1,2-Dichloropropane-d6	6.72	67	168559	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.38%
41) Toluene-d8	7.93	98	473476	49.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.48%
43) trans-1,3-Dichloropropene-	8.20	79	84873	47.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.72%
47) 2-Hexanone-d5	8.66	63	168333	98.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.75%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	249916	49.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	172582	56.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.88%

Target Compounds

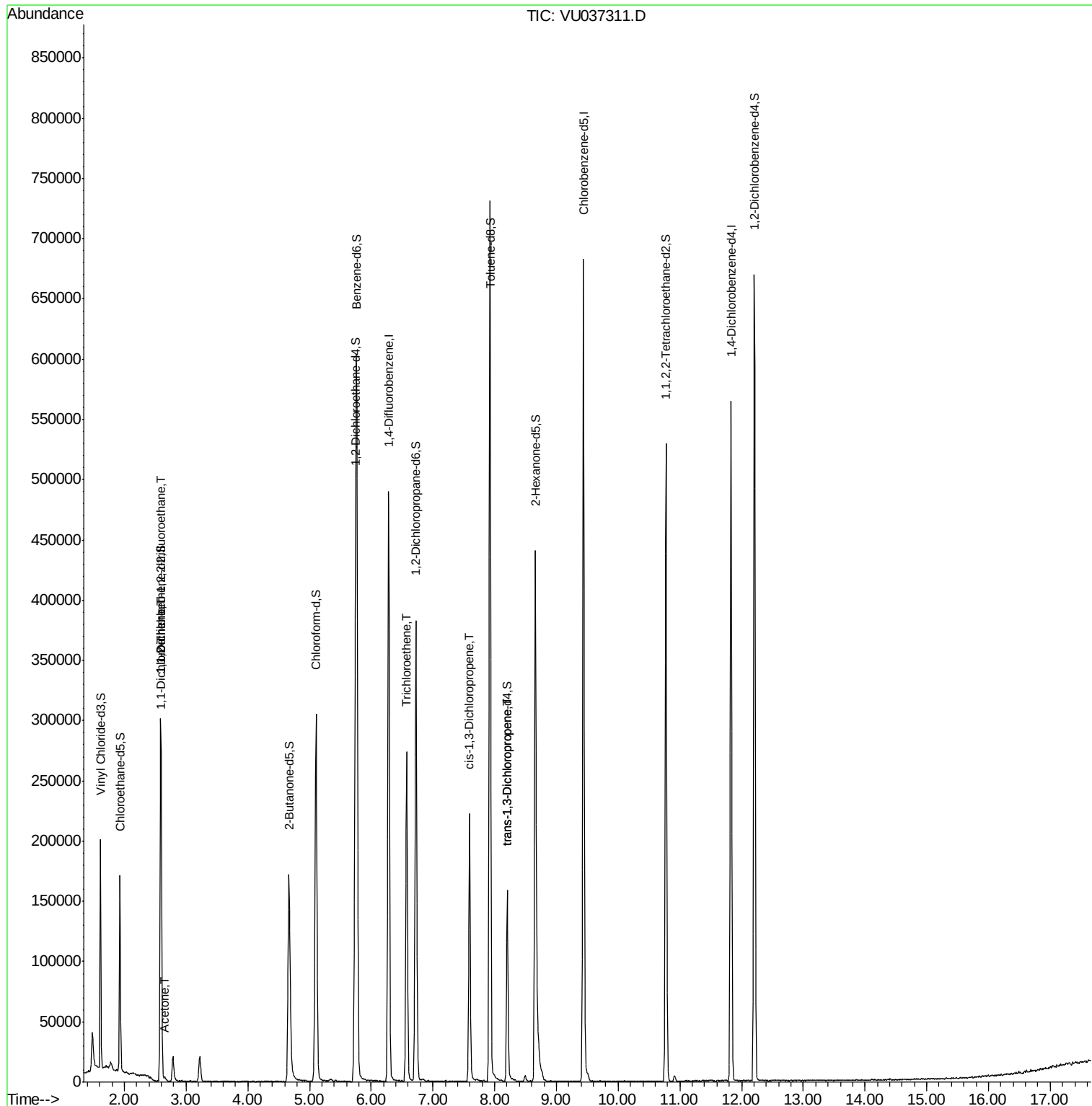
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	1756	0.726 ug/L #	19
12) 1,1-Dichloroethene	2.61	96	6105	2.792 ug/L #	1
13) Acetone	2.66	43	3372	1.566 ug/L	81
34) Trichloroethene	6.57	95	89764	32.074 ug/L	95
39) cis-1,3-Dichloropropene	7.59	75	6911	1.456 ug/L #	77
44) trans-1,3-Dichloropropene	8.20	75	4505	1.005 ug/L	84

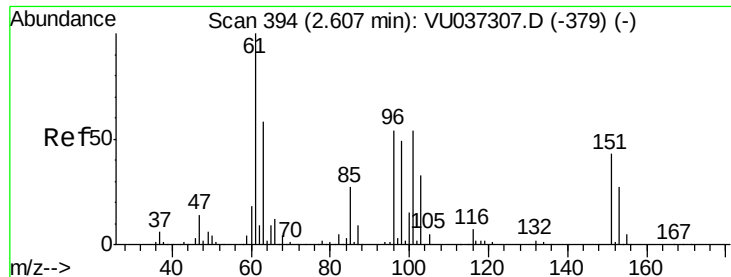
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.726 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

CONE9

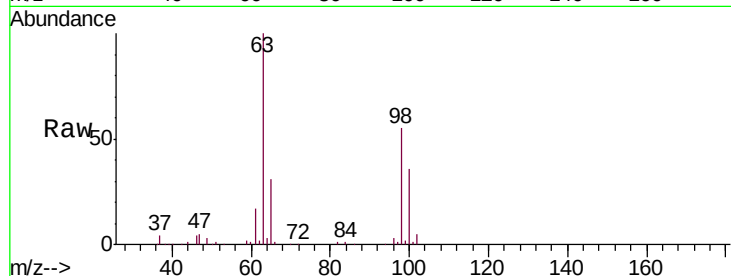
Tgt Ion: 101 Resp: 1756

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

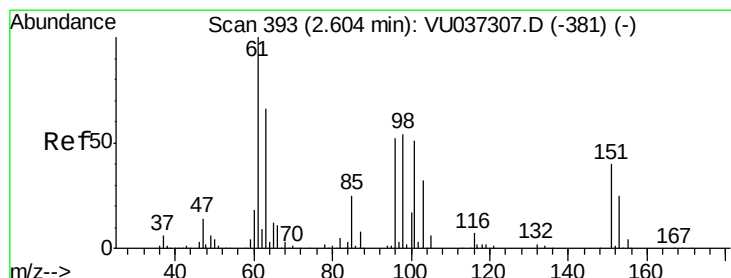
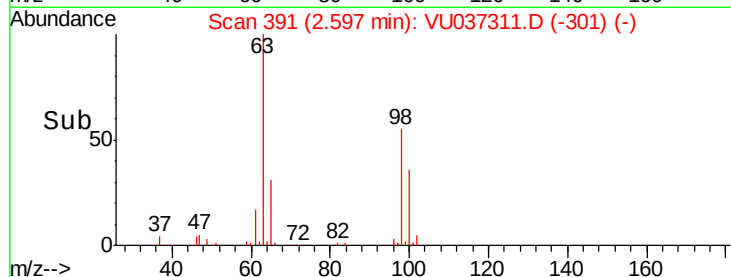
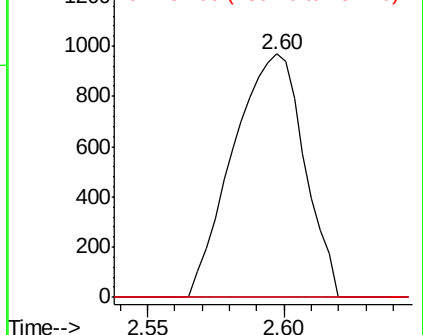
151 0.0 58.5 87.7#



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: 2.792 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU037311.D

Acq: 17 Mar 2020 13:04

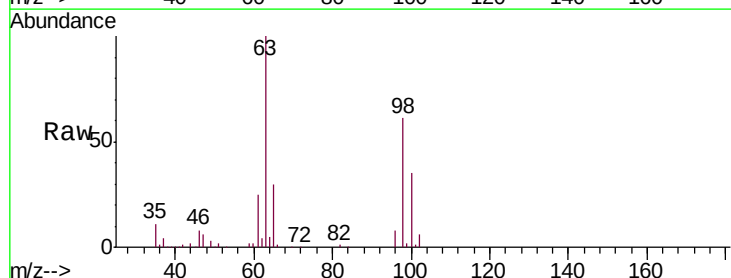
Tgt Ion: 96 Resp: 6105

Ion Ratio Lower Upper

96 100

61 310.0 138.8 257.8#

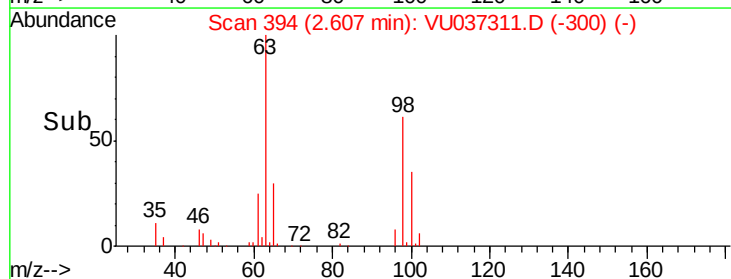
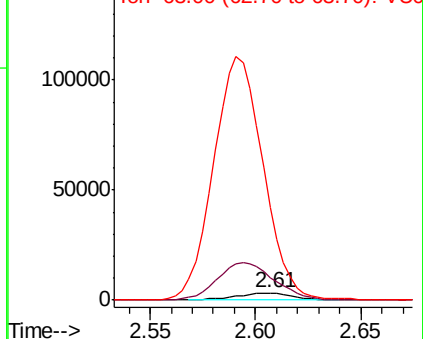
63 1263.8 106.4 197.6#

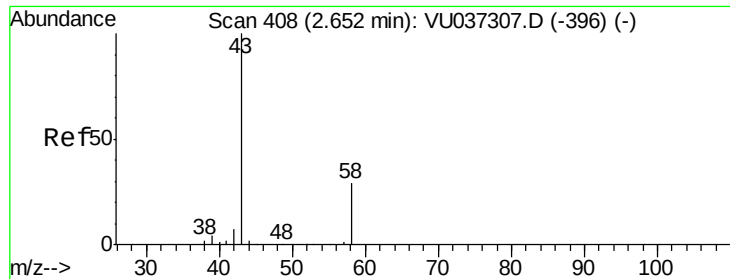


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.566 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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Acq: 17 Mar 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

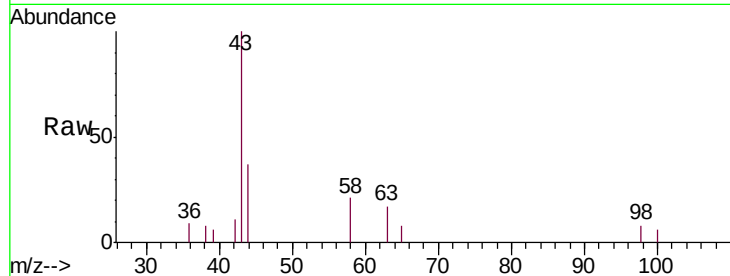
CONE9

Tgt Ion: 43 Resp: 3372

Ion Ratio Lower Upper

43 100

58 18.7 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VU037307.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037307.D (-396) (-)

2.66

2000

1500

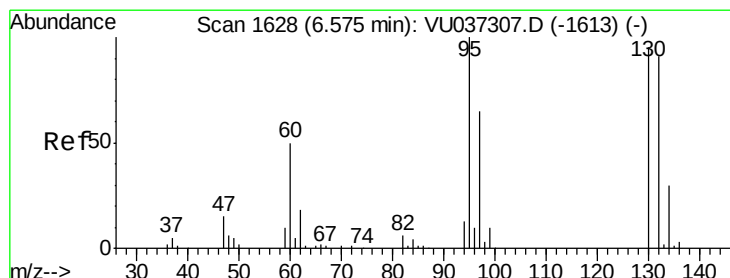
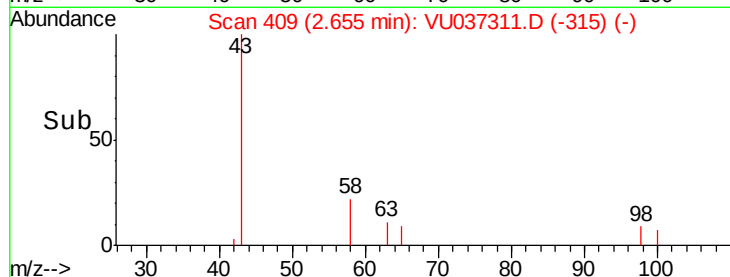
1000

500

0

2.60 2.65 2.70

Time-->



#34

Trichloroethene

Concen: 32.074 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037311.D

Acq: 17 Mar 2020 13:04

Tgt Ion: 95 Resp: 89764

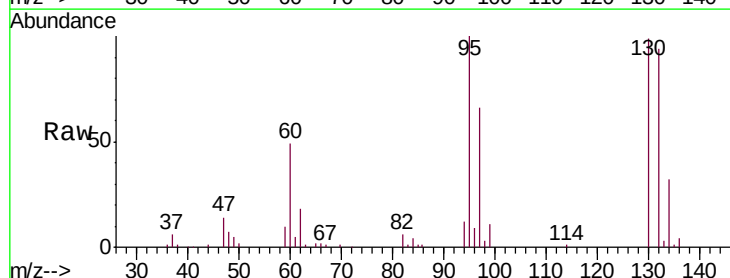
Ion Ratio Lower Upper

95 100

97 65.8 43.8 81.4

132 93.6 62.6 116.3

130 98.9 64.8 120.4



Abundance Ion 95.00 (94.70 to 95.70): VU037307.D (-1613) (-)

Ion 97.00 (96.70 to 97.70): VU037307.D (-1613) (-)

Ion 132.00 (131.70 to 132.70): VU037307.D (-1613) (-)

Ion 130.00 (129.70 to 130.70): VU037307.D (-1613) (-)

6.57

60000

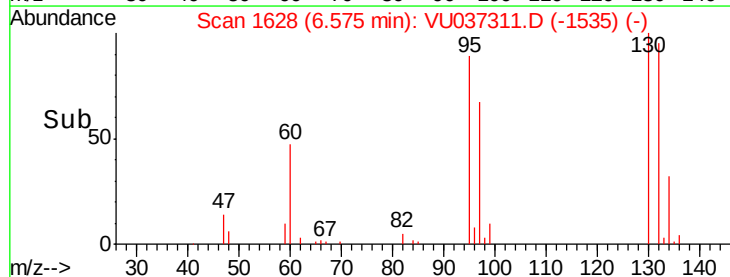
40000

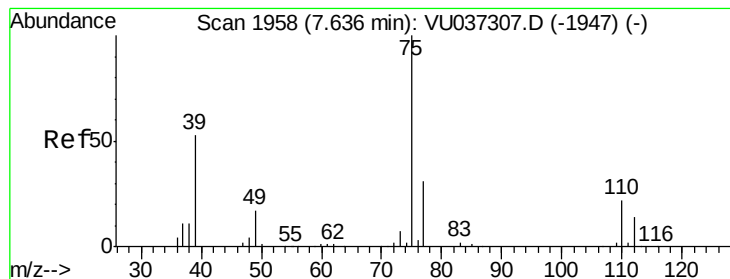
20000

0

6.50 6.55 6.60 6.65

Time-->





#39

cis-1,3-Dichloropropene

Concen: 1.456 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037311.D

Acq: 17 Mar 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

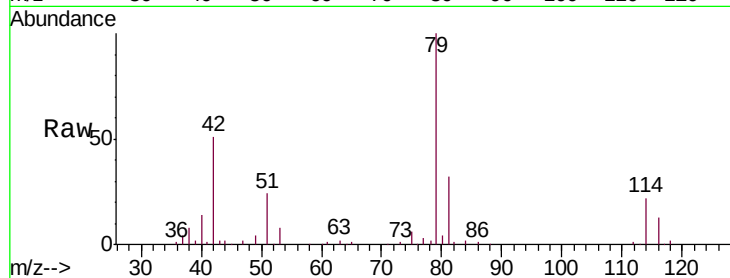
CONE9

Tgt Ion: 75 Resp: 6911

Ion Ratio Lower Upper

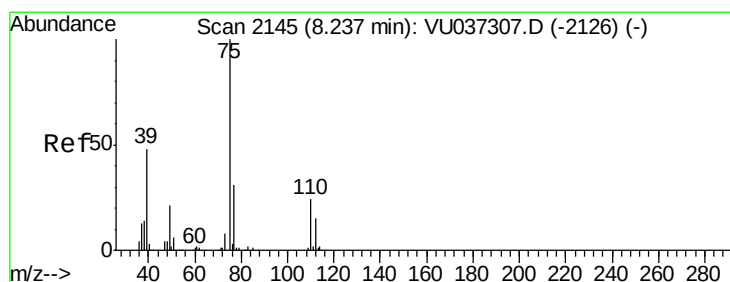
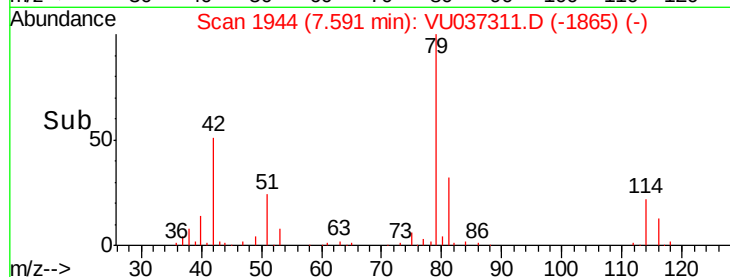
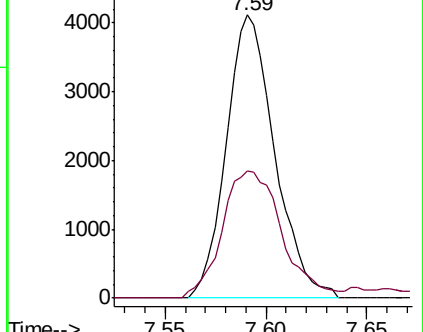
75 100

77 45.0 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU037307.D (-1947) (-)

Ion 77.00 (76.70 to 77.70): VU037307.D (-1947) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.005 ug/L

RT: 8.20 min Scan# 2135

Delta R.T. -0.03 min

Lab File: VU037311.D

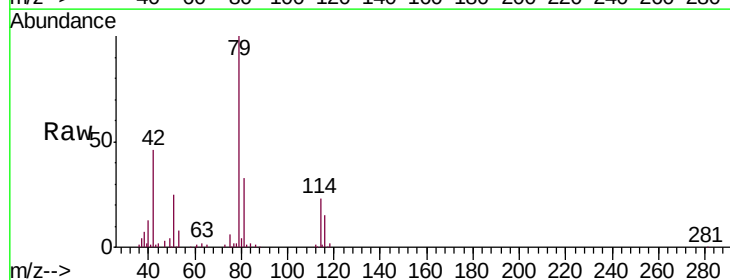
Acq: 17 Mar 2020 13:04

Tgt Ion: 75 Resp: 4505

Ion Ratio Lower Upper

75 100

77 40.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU037307.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU037307.D (-2126) (-)

