

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037957.D
 Acq On : 30 Apr 2020 17:19
 Operator : JC/MD
 Sample : L2395-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D92

Quant Time: May 01 05:49:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 02:16:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	656812	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	626130	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	277998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	267787	46.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.70%
7) Chloroethane-d5	1.93	69	232416	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.92%
11) 1,1-Dichloroethene-d2	2.59	63	366973	38.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.66%
21) 2-Butanone-d5	4.66	46	398934	88.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.35%
24) Chloroform-d	5.10	84	417612	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	5.74	65	301190	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
32) Benzene-d6	5.76	84	914936	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
36) 1,2-Dichloropropane-d6	6.72	67	307373	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.46%
41) Toluene-d8	7.92	98	810226	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%
43) trans-1,3-Dichloropropene-	8.20	79	108996	37.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.96%
47) 2-Hexanone-d5	8.65	63	260826	98.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.01%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	412176	46.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.50%
64) 1,2-Dichlorobenzene-d4	12.20	152	280993	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%

Target Compounds

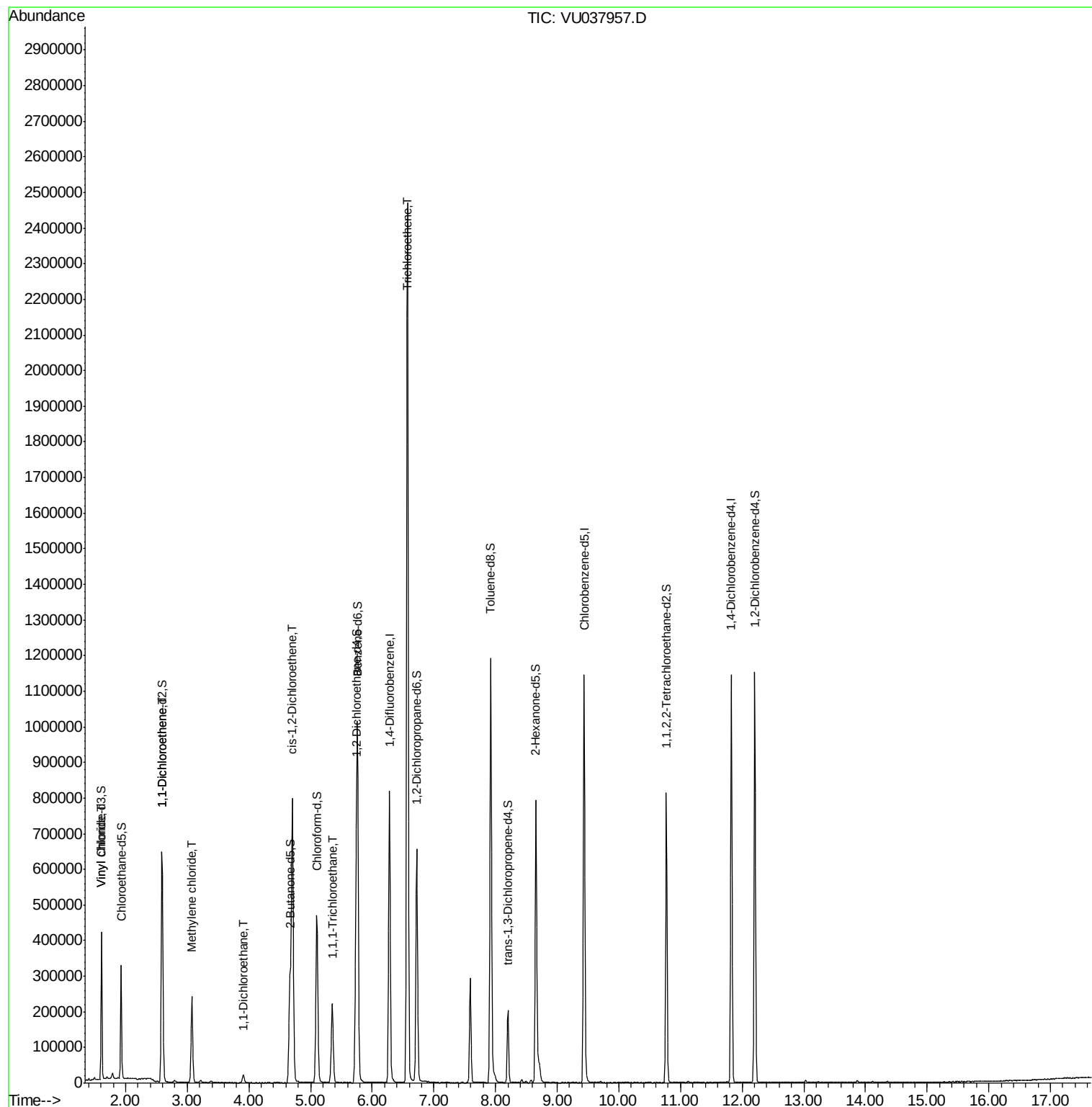
					Ovalue
5) Vinyl chloride	1.62	62	7072	1.075 ug/L #	16
12) 1,1-Dichloroethene	2.60	96	66844	15.539 ug/L #	11
16) Methylene chloride	3.07	84	110565	21.805 ug/L	97
19) 1,1-Dichloroethane	3.91	63	25227	2.727 ug/L	94
20) cis-1,2-Dichloroethene	4.71	96	382836	74.548 ug/L	96
30) 1,1,1-Trichloroethane	5.35	97	159434	22.908 ug/L	99
34) Trichloroethene	6.57	95	841732	177.342 ug/L	99

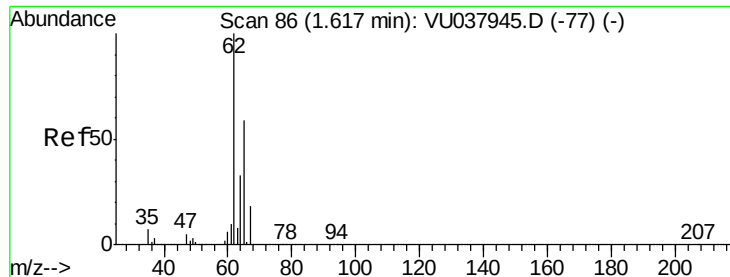
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.075 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037957.D

Acq: 30 Apr 2020 17:19

Instrument :

MSVOA_U

ClientSampleId :

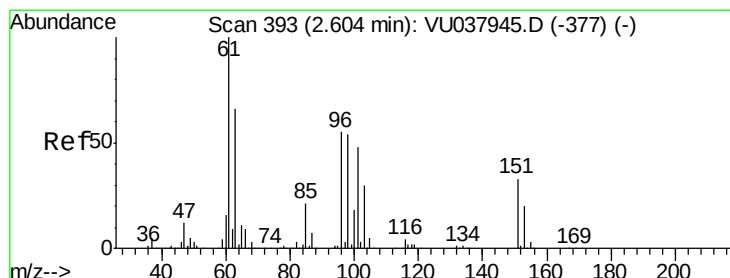
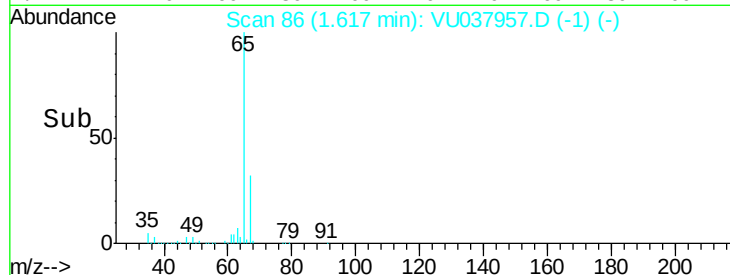
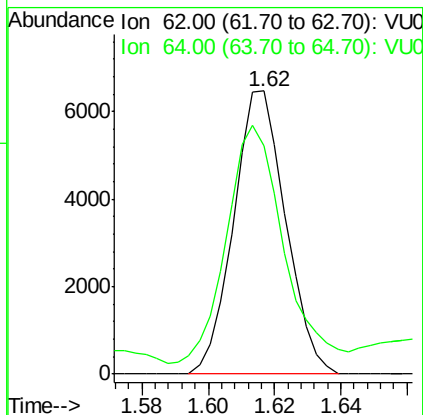
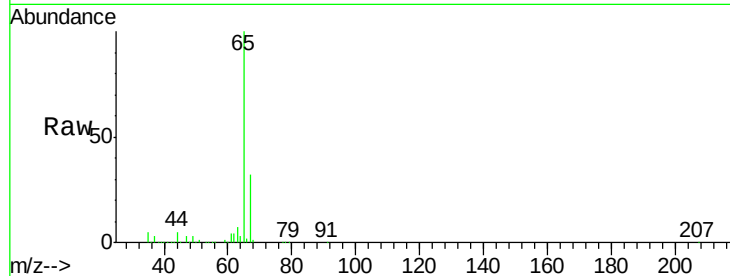
C0D92

Tot Ion: 62 Resp: 7072

Ion Ratio Lower Upper

62 100

64 80.9 23.2 43.2#



#12

1,1-Dichloroethene

Concen: 15.539 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037957.D

Acq: 30 Apr 2020 17:19

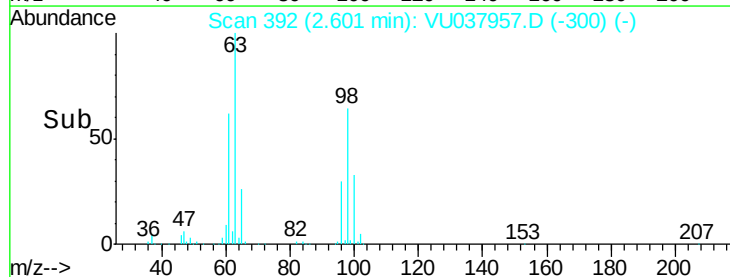
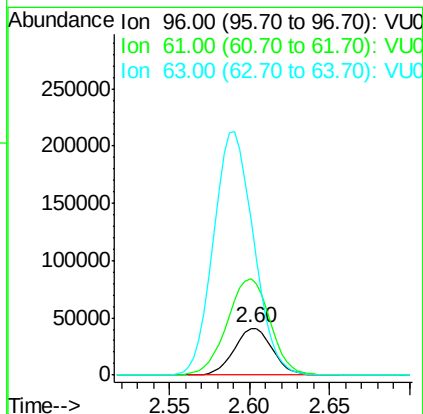
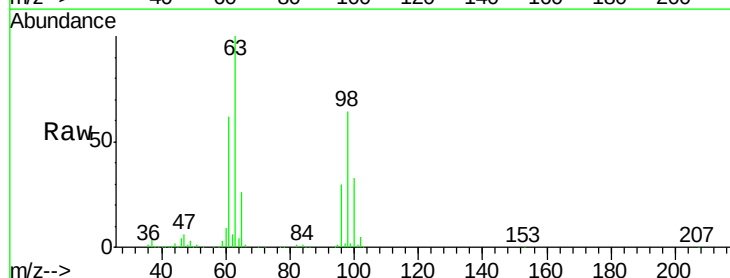
Tgt Ion: 96 Resp: 66844

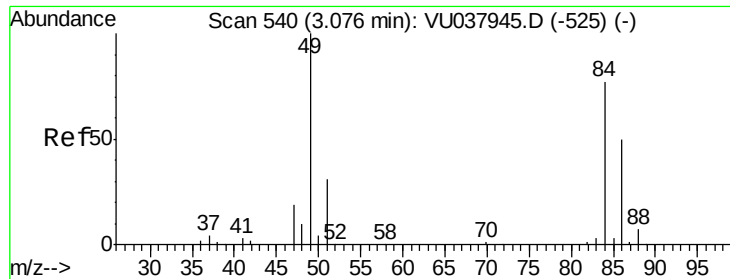
Ion Ratio Lower Upper

96 100

61 206.5 126.1 234.3

63 334.4 83.4 154.8#

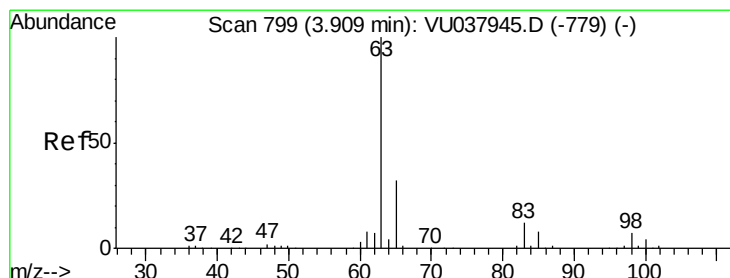
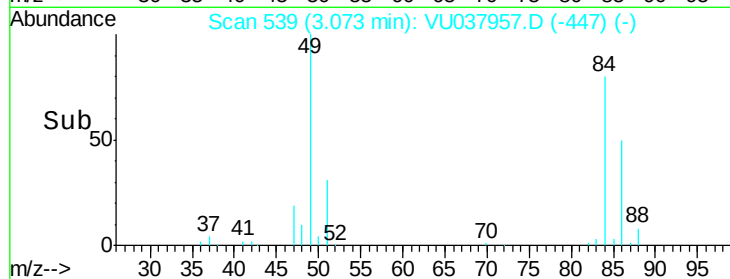
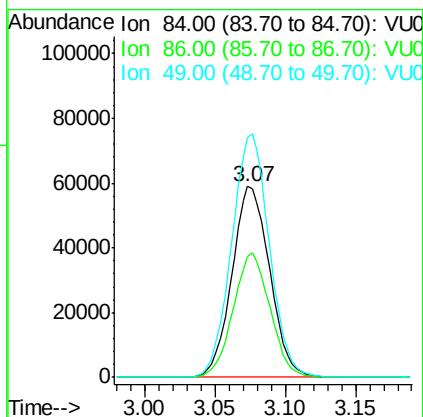
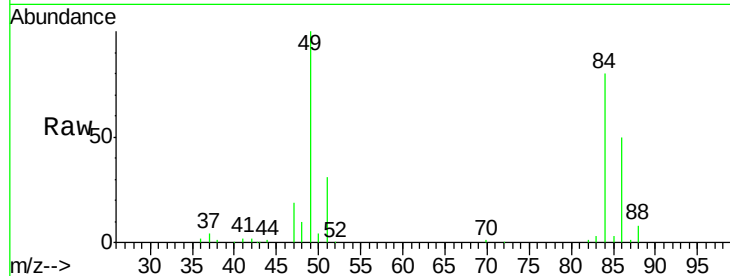




#16
Methylene chloride
Concen: 21.805 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU037957.D
Acq: 30 Apr 2020 17:19

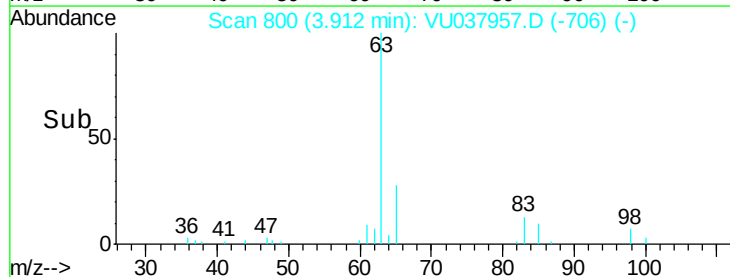
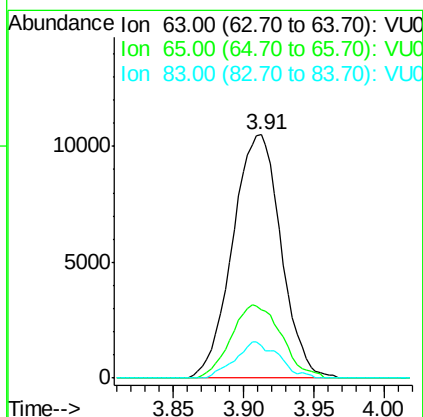
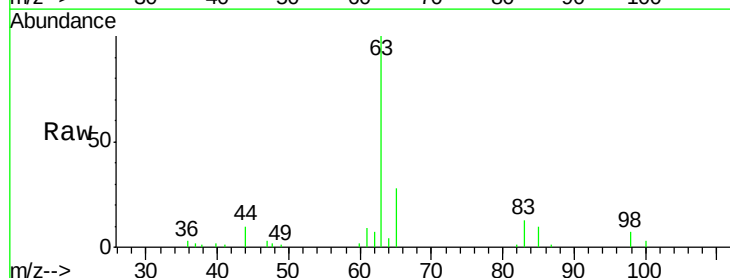
Instrument :
MSVOA_U
ClientSampled :
C0D92

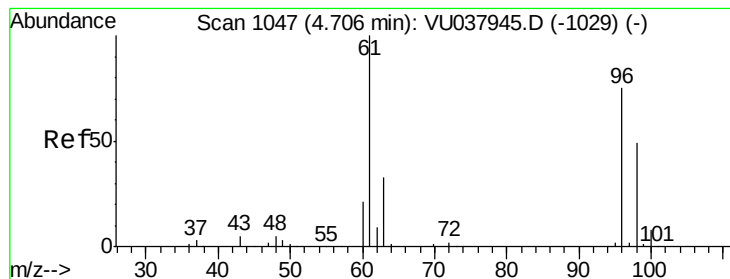
Tot Ion: 84 Resp: 110565
Ion Ratio Lower Upper
84 100
86 63.4 45.1 83.9
49 125.7 91.2 169.4



#19
1,1-Dichloroethane
Concen: 2.727 ug/L
RT: 3.91 min Scan# 800
Delta R.T. 0.00 min
Lab File: VU037957.D
Acq: 30 Apr 2020 17:19

Tgt Ion: 63 Resp: 25227
Ion Ratio Lower Upper
63 100
65 28.0 22.5 41.7
83 13.2 8.5 15.7





#20

cis-1,2-Dichloroethene

Concen: 74.548 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037957.D

Acq: 30 Apr 2020 17:19

Instrument :

MSVOA_U

ClientSampleId :

C0D92

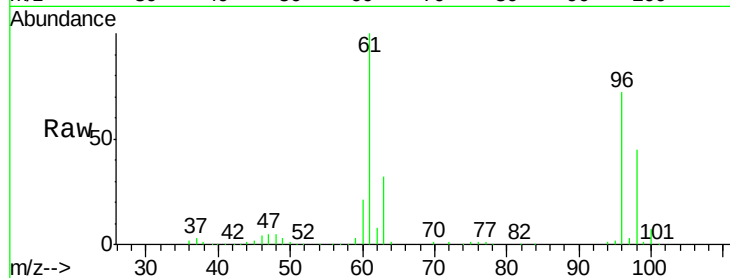
Tot Ion: 96 Resp: 382836

Ion Ratio Lower Upper

96 100

61 138.9 93.9 174.3

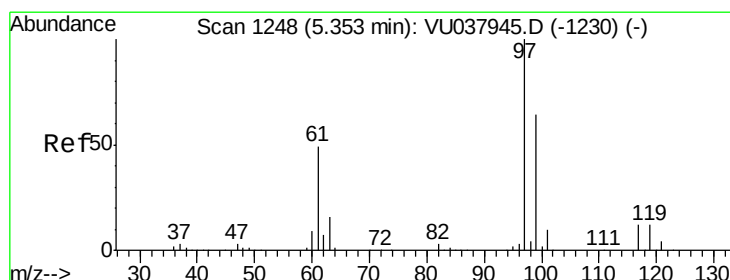
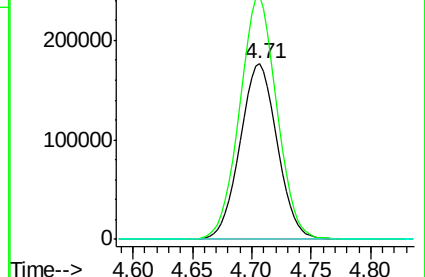
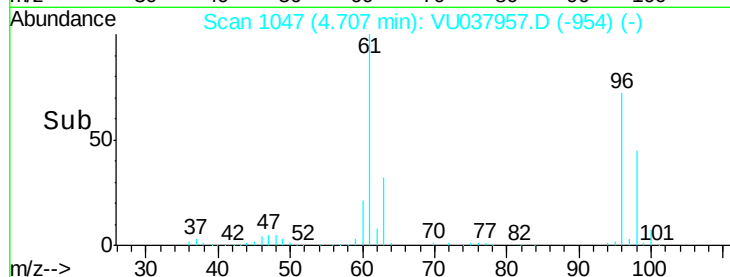
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037945.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU037945.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU037945.D (-1029) (-)



#30

1,1,1-Trichloroethane

Concen: 22.908 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU037957.D

Acq: 30 Apr 2020 17:19

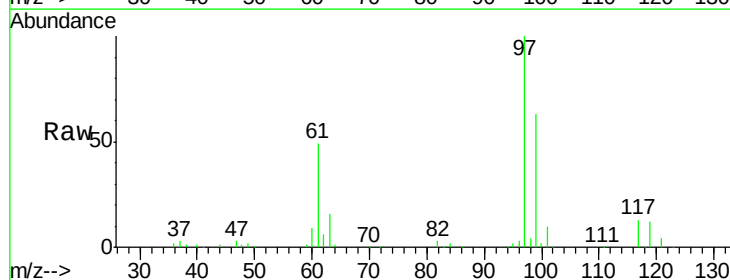
Tgt Ion: 97 Resp: 159434

Ion Ratio Lower Upper

97 100

99 63.9 50.5 75.7

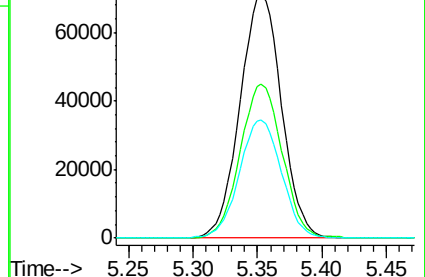
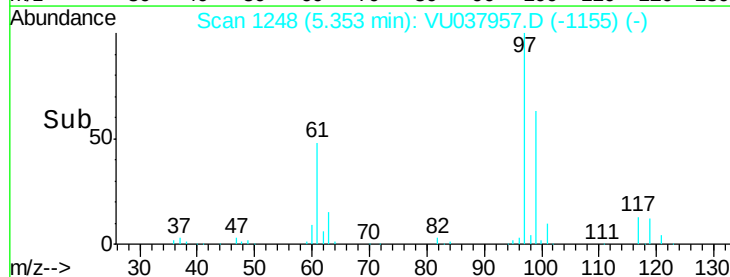
61 49.3 38.8 58.2

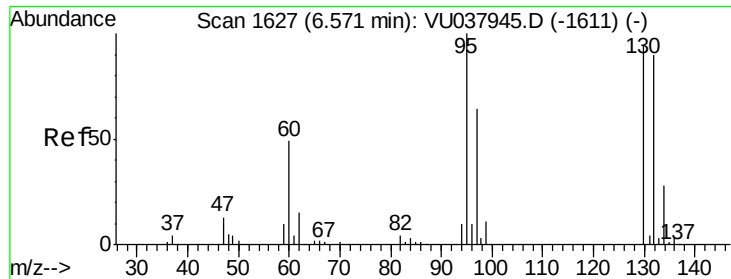


Abundance Ion 97.00 (96.70 to 97.70): VU037945.D (-1230) (-)

Ion 99.00 (98.70 to 99.70): VU037945.D (-1230) (-)

Ion 61.05 (60.75 to 61.75): VU037945.D (-1230) (-)





#34

Trichloroethene

Concen: 177.342 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037957.D

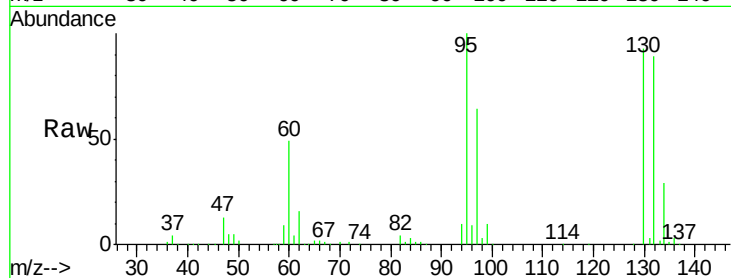
Acq: 30 Apr 2020 17:19

Instrument :

MSVOA_U

ClientSampleId :

C0D92



Tot Ion: 95 Resp: 841732

Ion Ratio Lower Upper

95 100

97 64.0 44.9 83.5

132 89.3 63.2 117.4

130 92.8 65.9 122.3

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

