

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
 Data File : VU037872.D
 Acq On : 24 Apr 2020 15:40
 Operator : JC/MD
 Sample : L2395-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 25 01:16:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 25 01:13:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	568826	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	554092	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	219794	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	234753	47.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.46%
7) Chloroethane-d5	1.93	69	186829	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.59	63	296934	36.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.82%
21) 2-Butanone-d5	4.66	46	391903	99.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.52%
24) Chloroform-d	5.10	84	359883	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	5.74	65	253929	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.76	84	781665	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
36) 1,2-Dichloropropane-d6	6.72	67	264477	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.92%
41) Toluene-d8	7.92	98	711821	49.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.86%
43) trans-1,3-Dichloropropene-	8.20	79	129203	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.80%
47) 2-Hexanone-d5	8.66	63	289992	101.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.65%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	355004	48.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.38%
64) 1,2-Dichlorobenzene-d4	12.20	152	218607	51.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.22%

Target Compounds

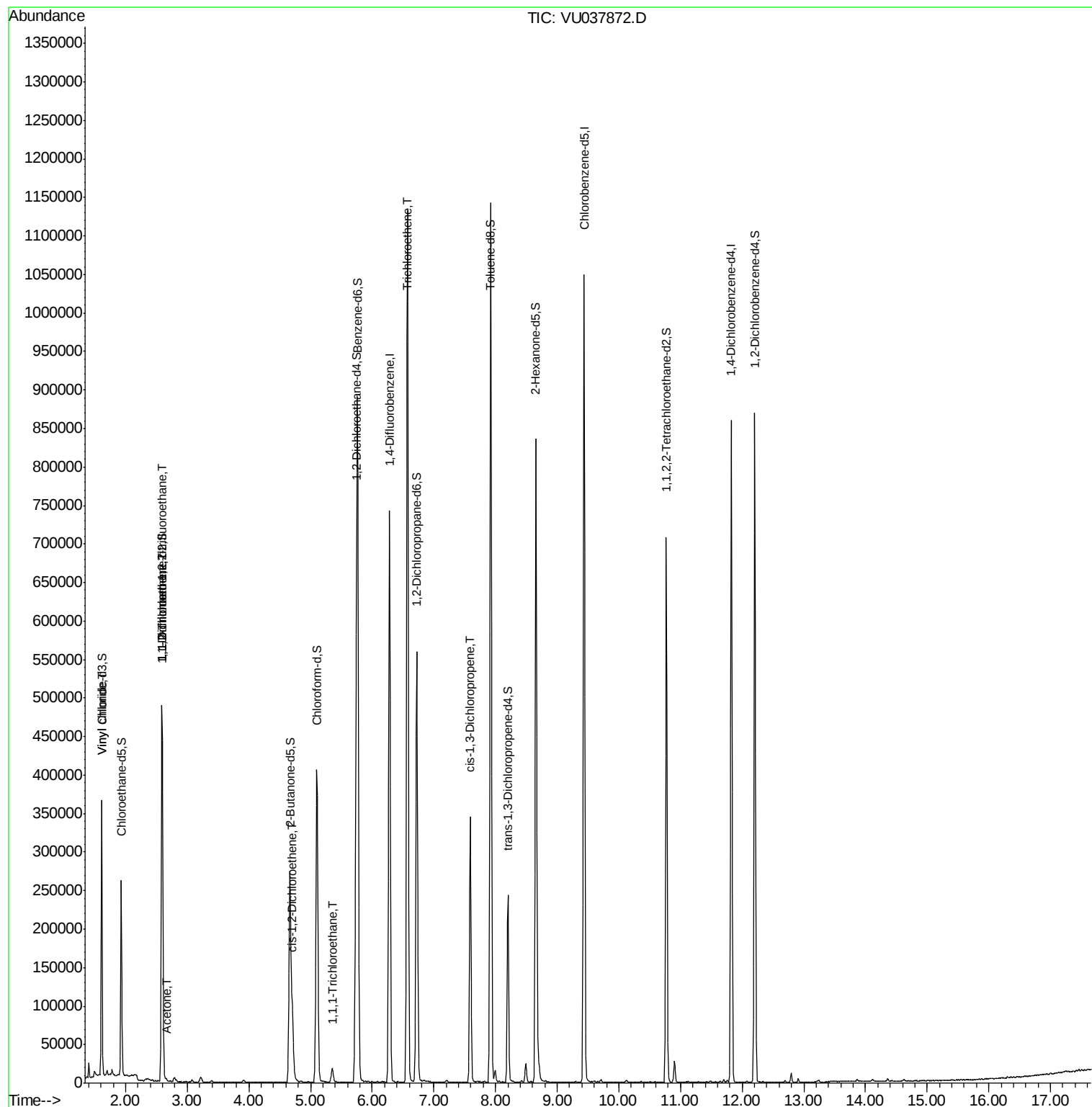
					Ovalue
5) Vinyl chloride	1.62	62	7438	1.318 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2637	0.754 ug/L #	22
12) 1,1-Dichloroethene	2.60	96	19924	5.769 ug/L #	1
13) Acetone	2.66	43	4482	1.908 ug/L	89
20) cis-1,2-Dichloroethene	4.71	96	37534	8.878 ug/L	97
30) 1,1,1-Trichloroethane	5.35	97	13730	2.219 ug/L	95
34) Trichloroethene	6.57	95	382799	92.795 ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	7859	1.069 ug/L #	55

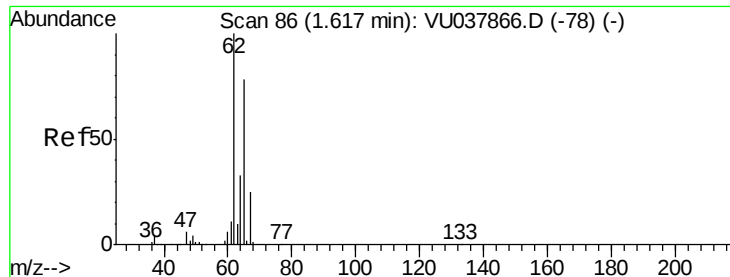
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 25 01:13:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.318 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037872.D

Acq: 24 Apr 2020 15:40

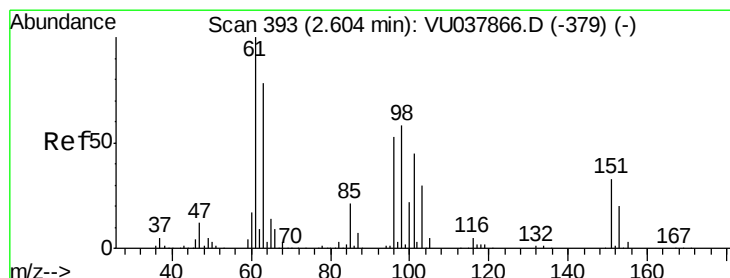
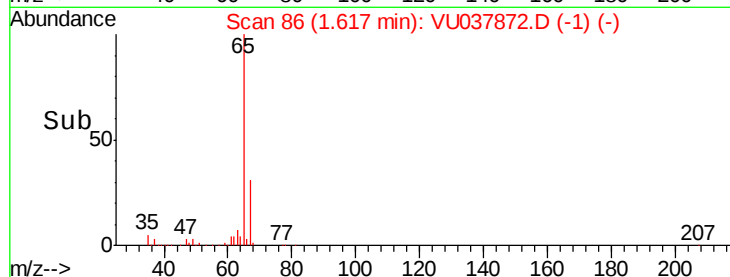
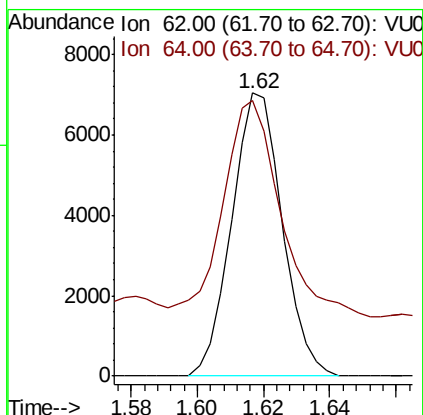
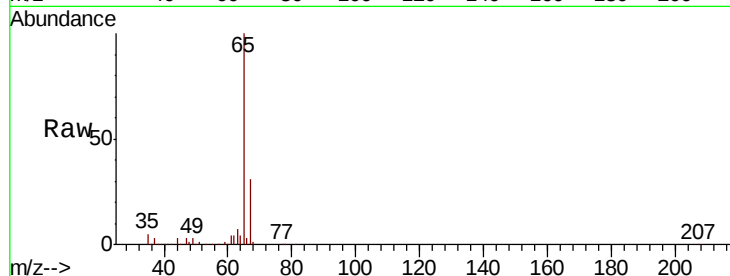
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 7438

Ion Ratio Lower Upper

62 100

64 97.6 23.2 43.0#



#10

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

Concen: 0.754 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU037872.D

Acq: 24 Apr 2020 15:40

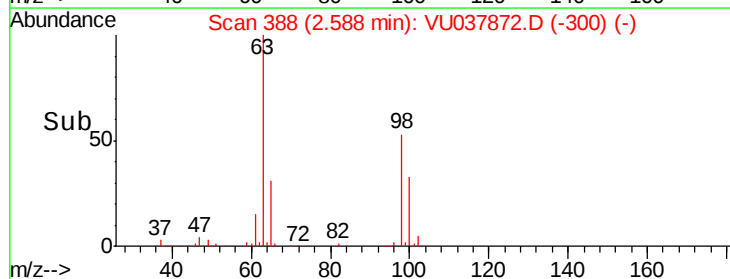
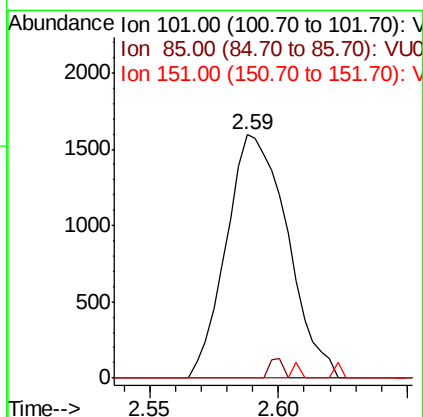
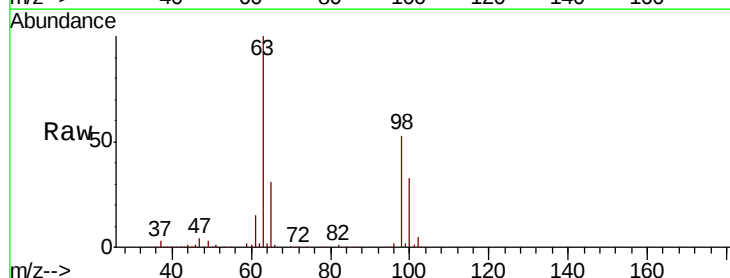
Tgt Ion: 101 Resp: 2637

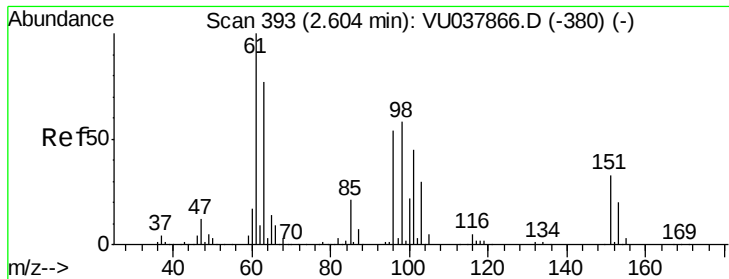
Ion Ratio Lower Upper

101 100

85 1.8 36.2 54.4#

151 0.0 55.5 83.3#

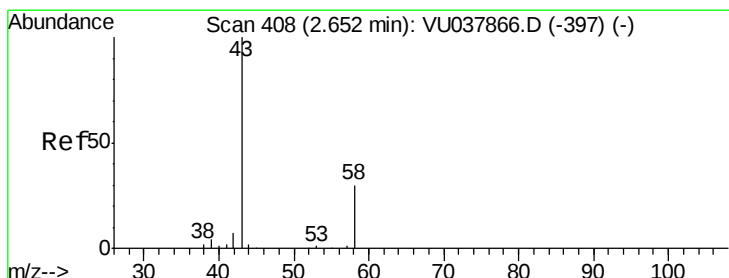
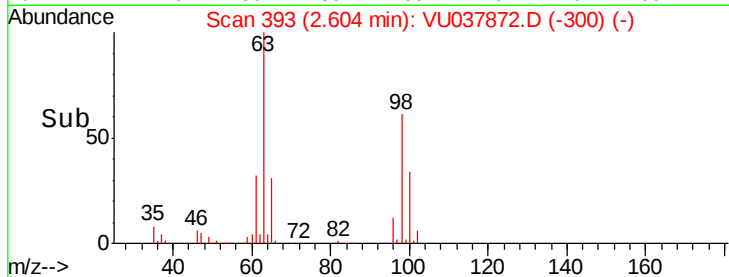
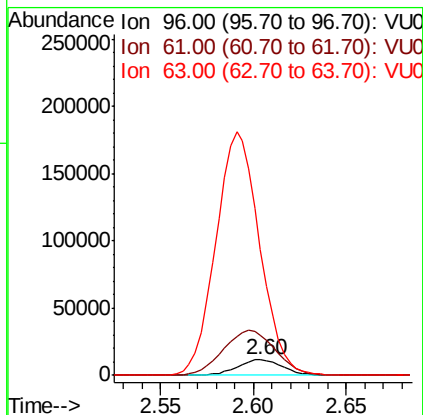
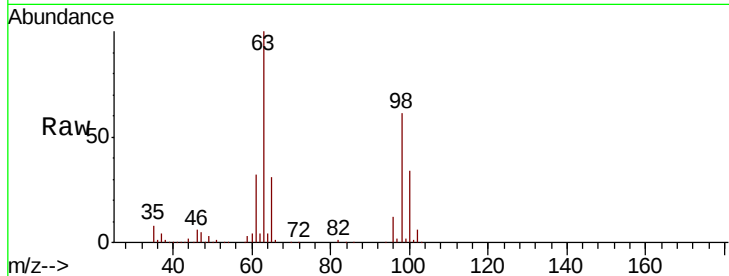




#12
 1,1-Dichloroethene
 Concen: 5.769 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU037872.D
 Acq: 24 Apr 2020 15:40

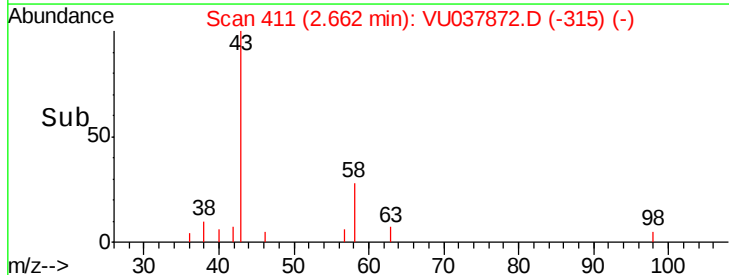
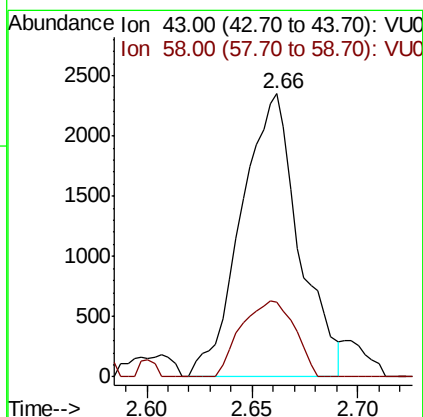
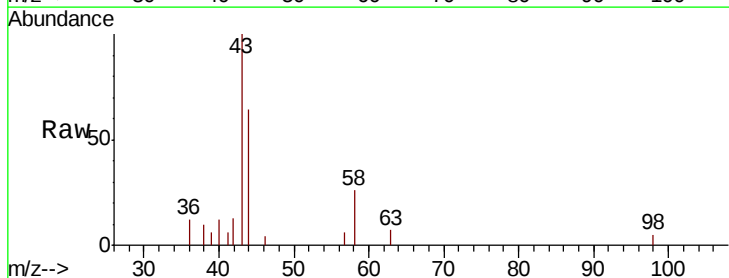
Instrument :
 MSVOA_U
 ClientSampleId :

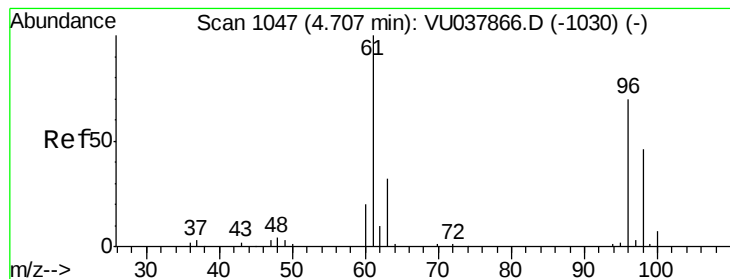
Tot Ion	Resp	Lower	Upper
96	100		
61	258.8	134.1	249.0#
63	810.6	96.5	179.1#



#13
 Acetone
 Concen: 1.908 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. 0.01 min
 Lab File: VU037872.D
 Acq: 24 Apr 2020 15:40

Tgt Ion	Resp	Lower	Upper
43	100		
58	24.9	0.0	62.0





#20

cis-1,2-Dichloroethene

Concen: 8.878 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037872.D

Acq: 24 Apr 2020 15:40

Instrument :
MSVOA_U
ClientSampleId :

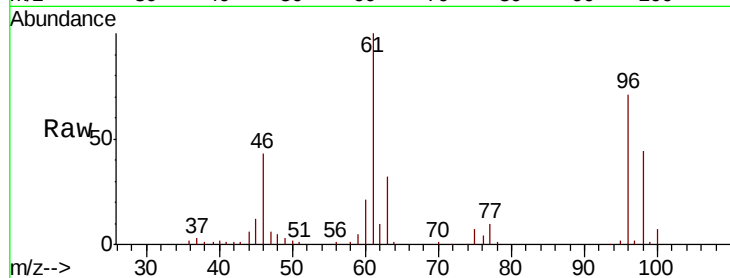
Tot Ion: 96 Resp: 37534

Ion Ratio Lower Upper

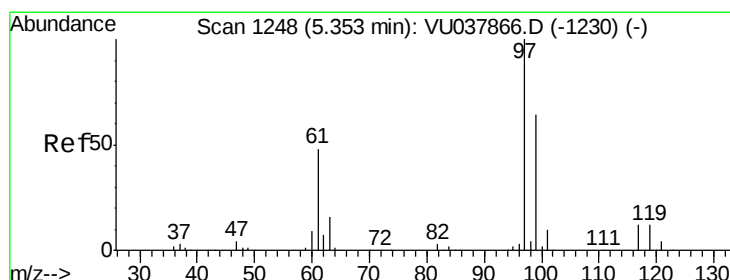
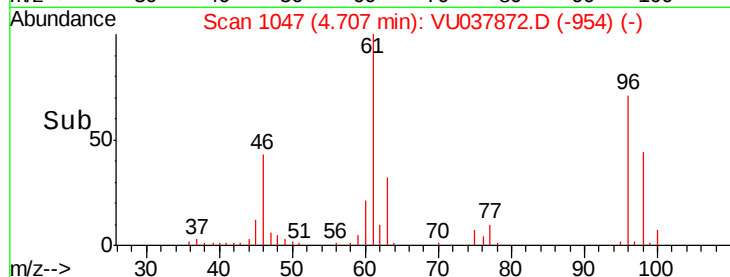
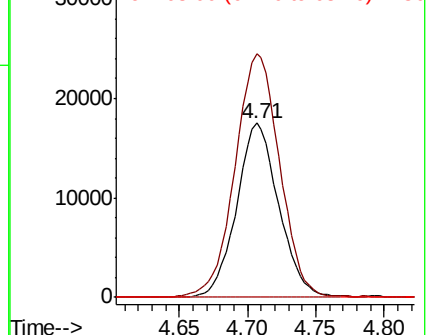
96 100

61 139.9 100.4 186.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#30

1,1,1-Trichloroethane

Concen: 2.219 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU037872.D

Acq: 24 Apr 2020 15:40

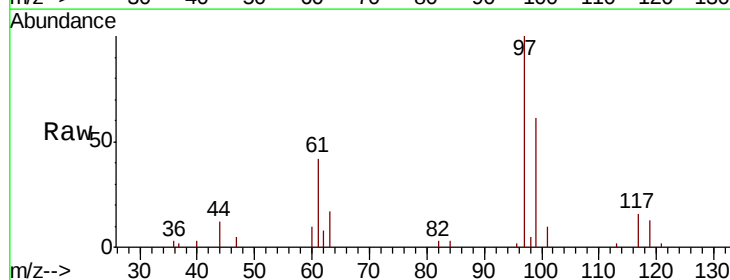
Tgt Ion: 97 Resp: 13730

Ion Ratio Lower Upper

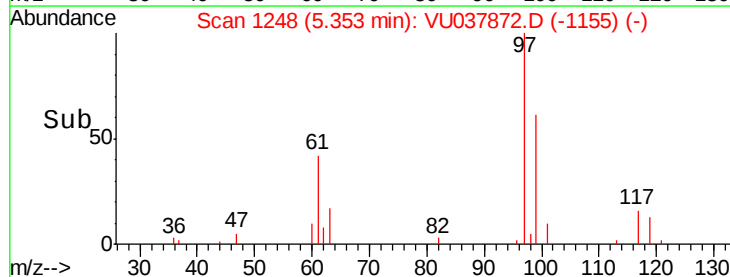
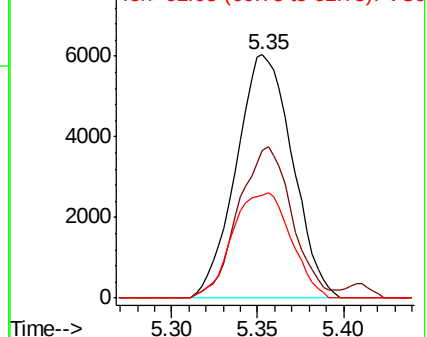
97 100

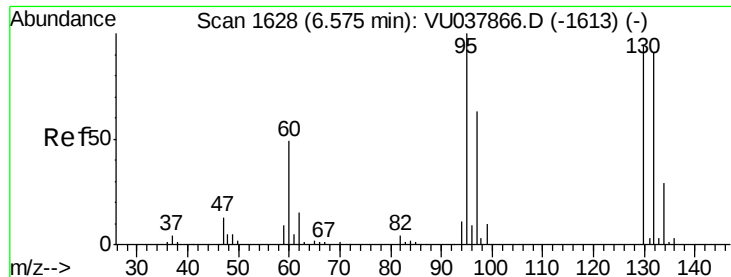
99 59.4 50.7 76.1

61 44.8 38.9 58.3



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0

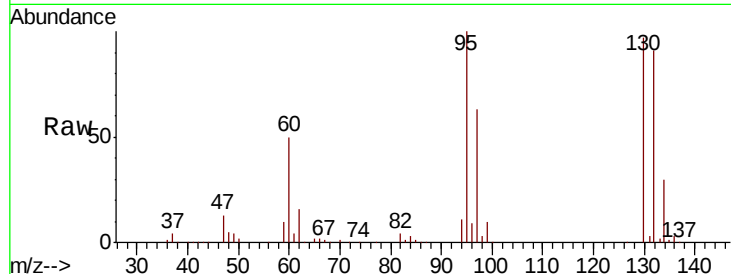




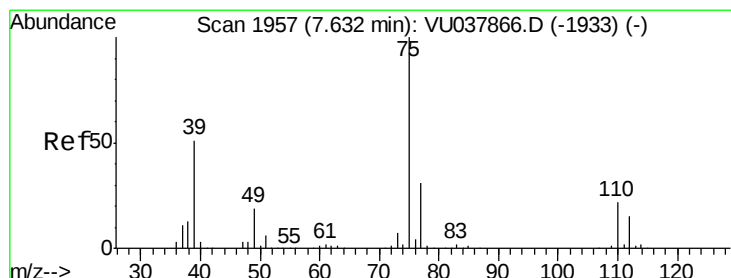
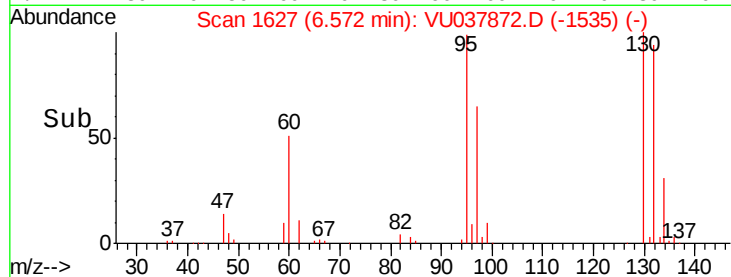
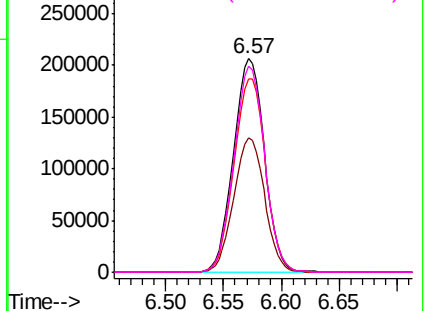
#34
 Trichloroethene
 Concen: 92.795 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037872.D
 Acq: 24 Apr 2020 15:40

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 382799
 Ion Ratio Lower Upper
 95 100
 97 62.7 44.4 82.5
 132 90.7 65.0 120.6
 130 96.7 65.5 121.7

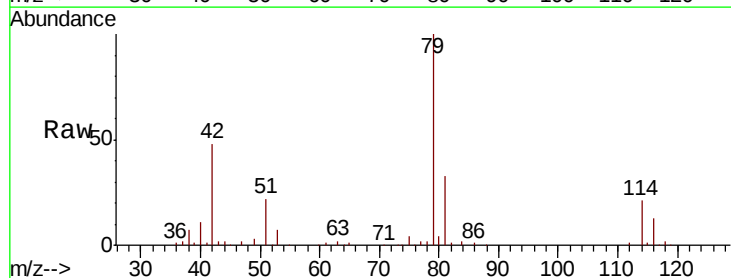


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#39
 cis-1,3-Dichloropropene
 Concen: 1.069 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037872.D
 Acq: 24 Apr 2020 15:40

Tgt Ion: 75 Resp: 7859
 Ion Ratio Lower Upper
 75 100
 77 55.9 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

