

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
 Data File : VU037870.D
 Acq On : 24 Apr 2020 14:54
 Operator : JC/MD
 Sample : L2395-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 25 01:15:48 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	515017	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	495297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	215575	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	230735	51.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.54%
7) Chloroethane-d5	1.93	69	184140	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.59	63	288333	39.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.18%
21) 2-Butanone-d5	4.66	46	365339	102.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.46%
24) Chloroform-d	5.10	84	349036	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
26) 1,2-Dichloroethane-d4	5.74	65	248257	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.62%
32) Benzene-d6	5.76	84	761802	54.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.78%
36) 1,2-Dichloropropane-d6	6.72	67	256582	54.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.54%
41) Toluene-d8	7.92	98	695227	54.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.00%
43) trans-1,3-Dichloropropene-	8.20	79	128274	53.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.40%
47) 2-Hexanone-d5	8.65	63	281114	110.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	344390	52.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.68%
64) 1,2-Dichlorobenzene-d4	12.20	152	200727	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%

Target Compounds

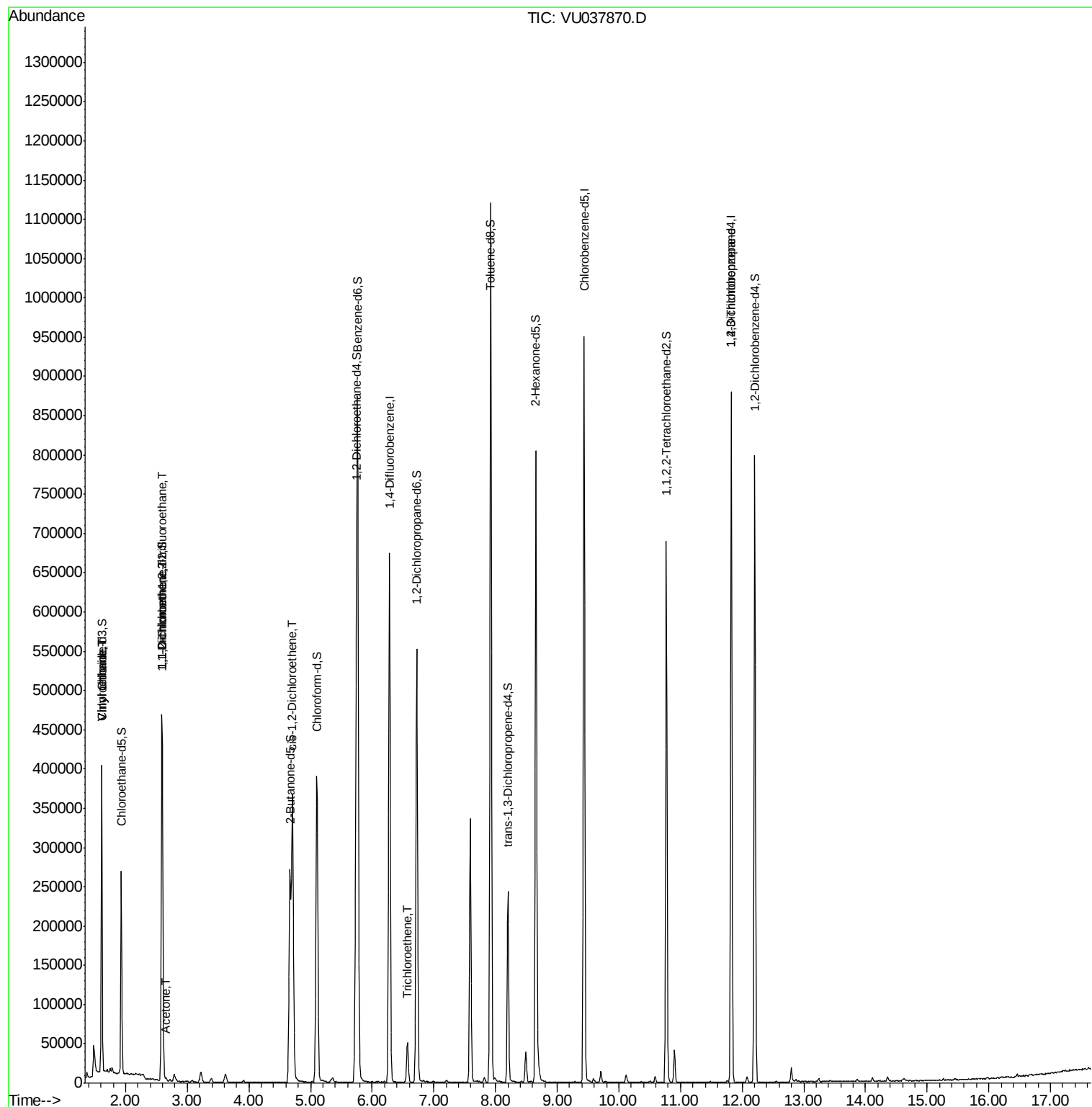
					Ovalue
5) Vinyl chloride	1.62	62	38601	7.555 ug/L #	72
8) Chloroethane	1.62	64	16096	5.607 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2265	0.715 ug/L #	21
12) 1,1-Dichloroethene	2.60	96	11425	3.654 ug/L #	1
13) Acetone	2.66	43	4696	2.208 ug/L	75
20) cis-1,2-Dichloroethene	4.71	96	166668	43.541 ug/L	97
34) Trichloroethene	6.57	95	16642	4.513 ug/L	96
59) 1,2,3-Trichloropropane	11.82	75	28436	5.156 ug/L	91

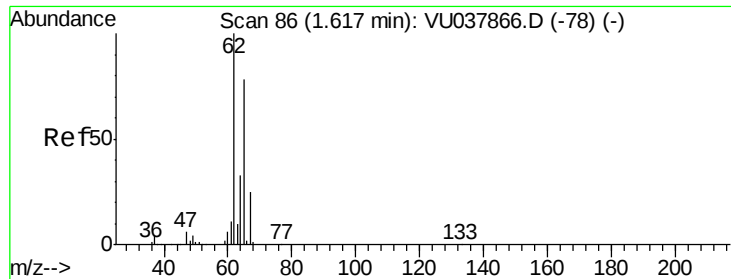
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 25 01:13:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.555 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037870.D

Acq: 24 Apr 2020 14:54

Instrument :

MSVOA_U

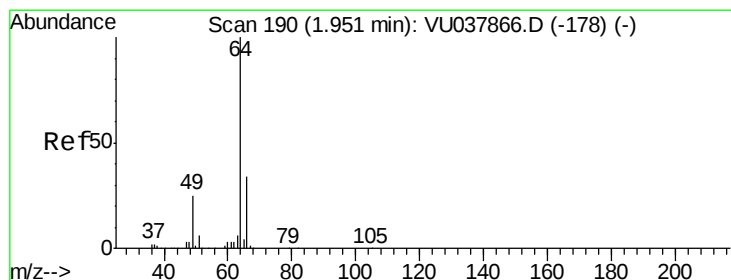
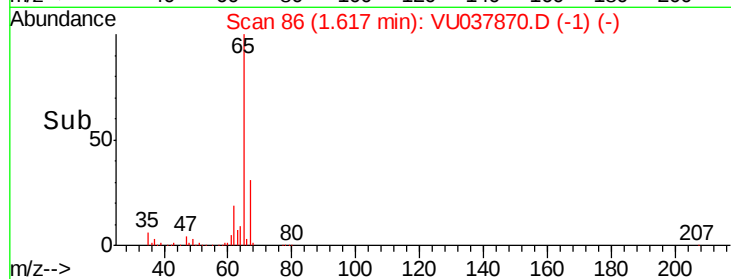
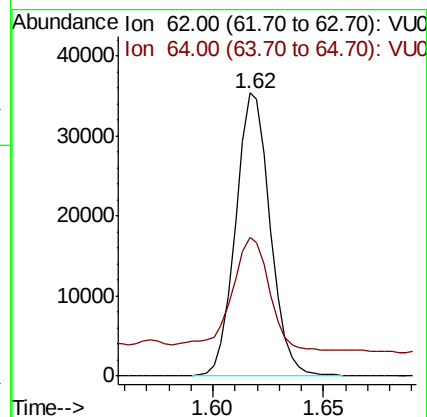
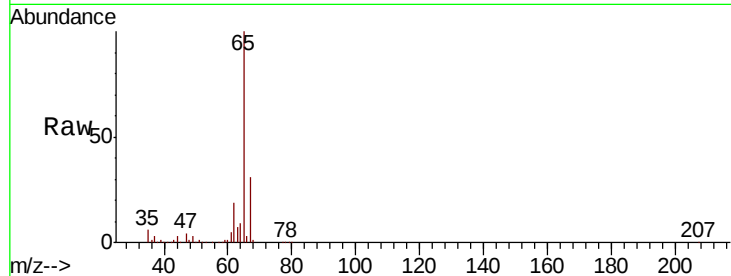
ClientSampleId :

Tot Ion: 62 Resp: 38601

Ion Ratio Lower Upper

62 100

64 49.2 23.2 43.0#



#8

Chloroethane

Concen: 5.607 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.33 min

Lab File: VU037870.D

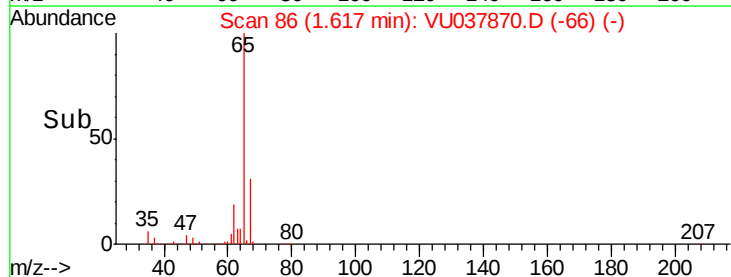
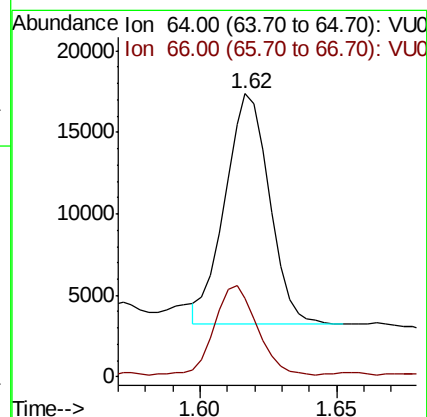
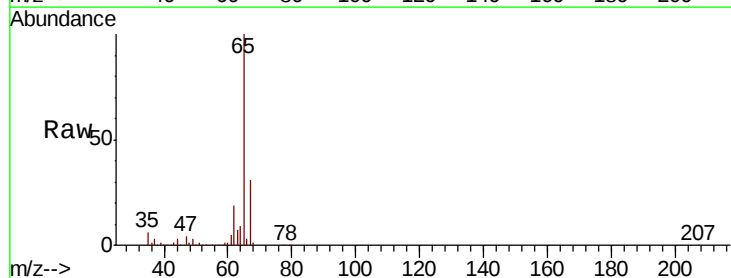
Acq: 24 Apr 2020 14:54

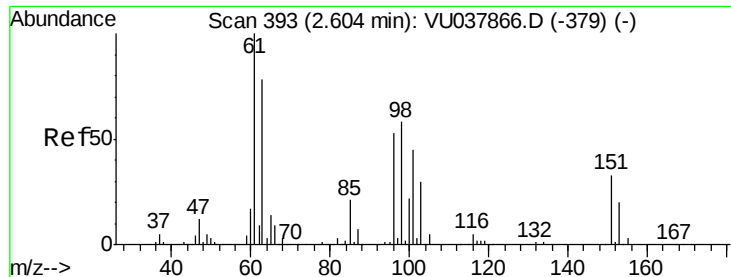
Tgt Ion: 64 Resp: 16096

Ion Ratio Lower Upper

64 100

66 27.8 22.3 41.3





#10

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

Concen: 0.715 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU037870.D

Acq: 24 Apr 2020 14:54

Instrument :

MSVOA_U

ClientSampleId :

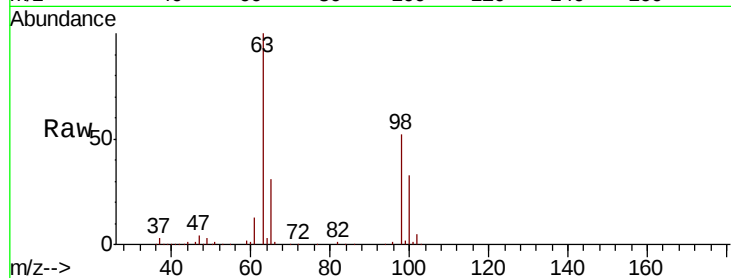
Tot Ion:101 Resp: 2265

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.4#

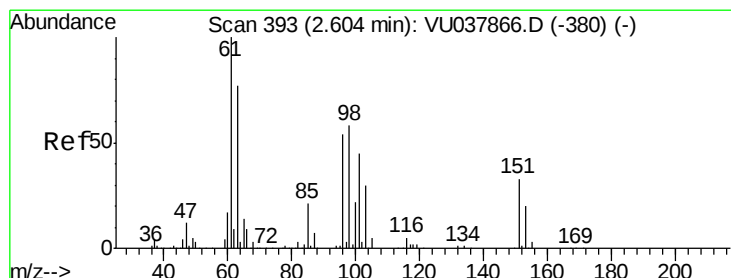
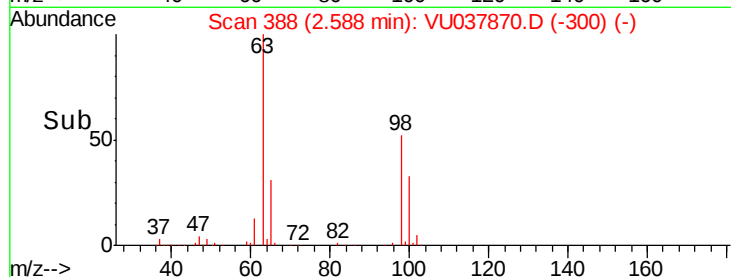
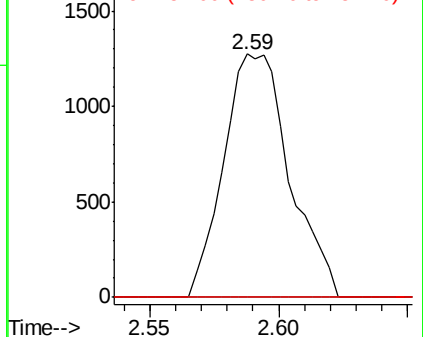
151 0.0 55.5 83.3#



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: 3.654 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037870.D

Acq: 24 Apr 2020 14:54

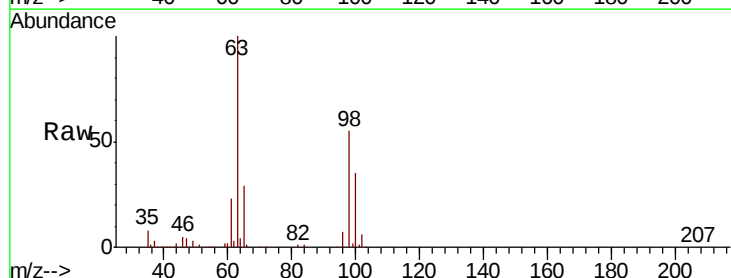
Tgt Ion: 96 Resp: 11425

Ion Ratio Lower Upper

96 100

61 320.9 134.1 249.0#

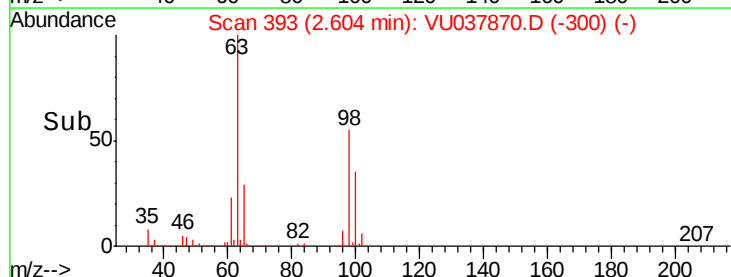
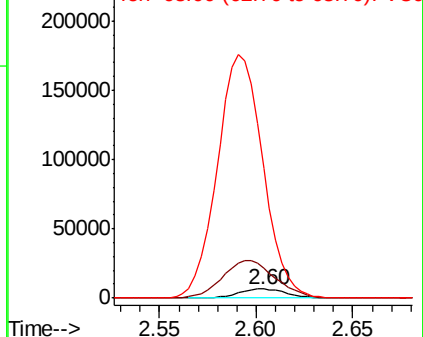
63 1413.0 96.5 179.1#

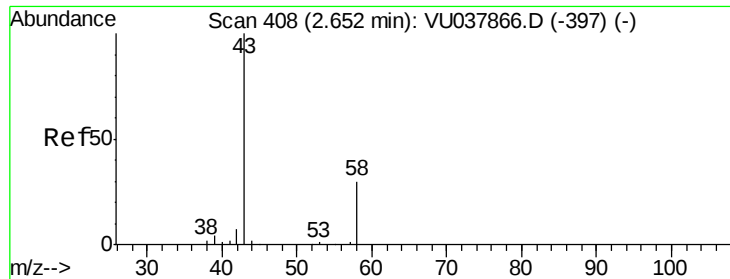


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.208 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037870.D

Acq: 24 Apr 2020 14:54

Instrument :

MSVOA_U

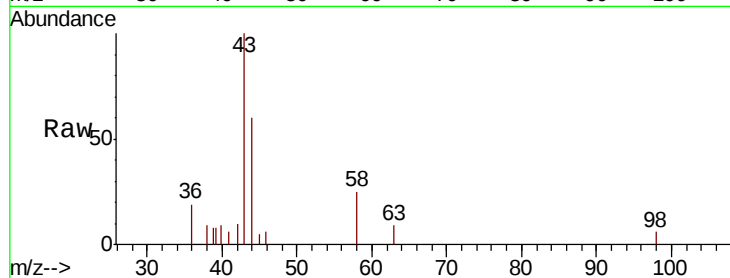
ClientSampled :

Tot Ion: 43 Resp: 4696

Ion Ratio Lower Upper

43 100

58 17.0 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU037866.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037866.D (-397) (-)

2500

2000

1500

1000

500

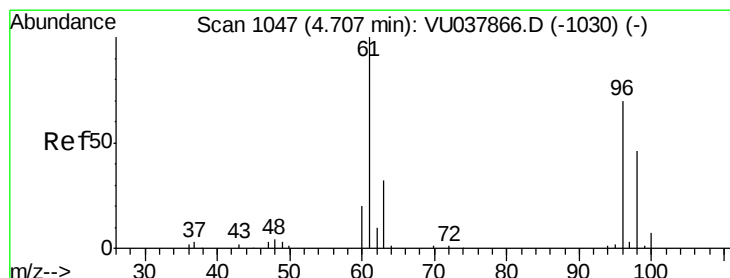
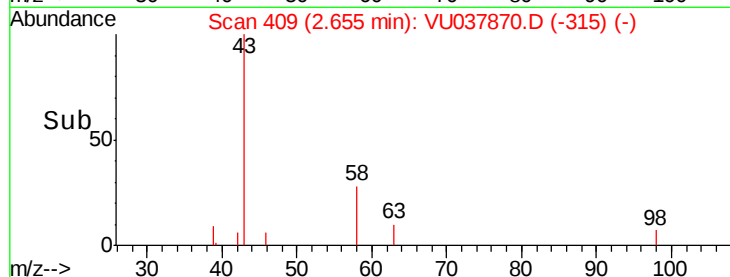
0

2.60

2.65

2.70

Time-->



#20

cis-1,2-Dichloroethene

Concen: 43.541 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037870.D

Acq: 24 Apr 2020 14:54

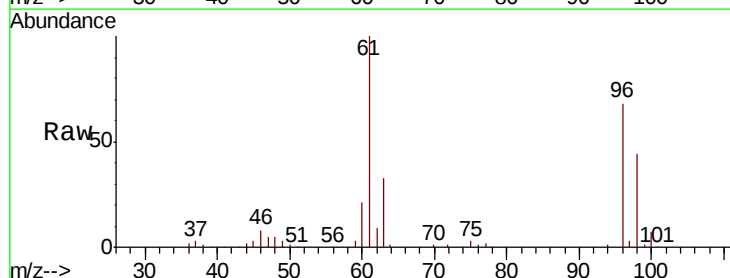
Tgt Ion: 96 Resp: 166668

Ion Ratio Lower Upper

96 100

61 146.9 100.4 186.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037866.D (-1030) (-)

Ion 61.00 (60.70 to 61.70): VU037866.D (-1030) (-)

Ion 68.00 (67.70 to 68.70): VU037866.D (-1030) (-)

150000

100000

50000

0

4.60

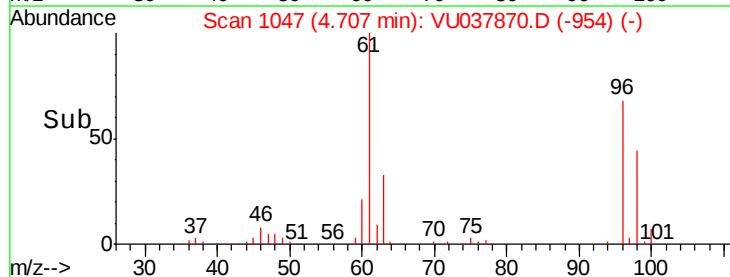
4.65

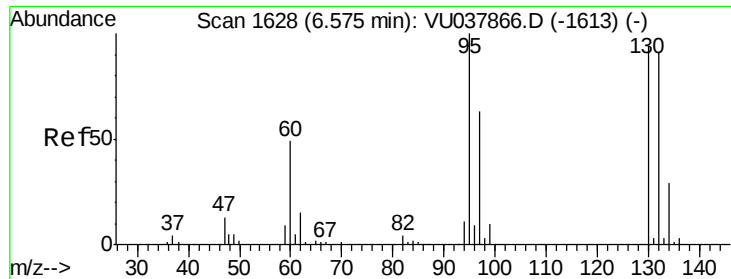
4.70

4.75

4.80

Time-->





#34

Trichloroethene

Concen: 4.513 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037870.D

Acq: 24 Apr 2020 14:54

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 95 Resp: 16642

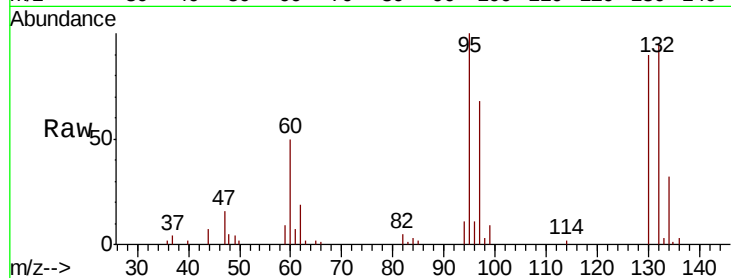
Ion Ratio Lower Upper

95 100

97 68.3 44.4 82.5

132 94.7 65.0 120.6

130 90.3 65.5 121.7

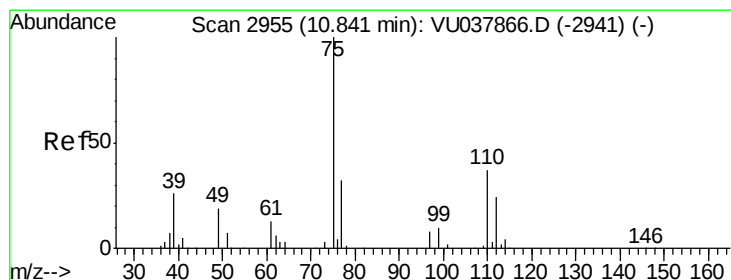
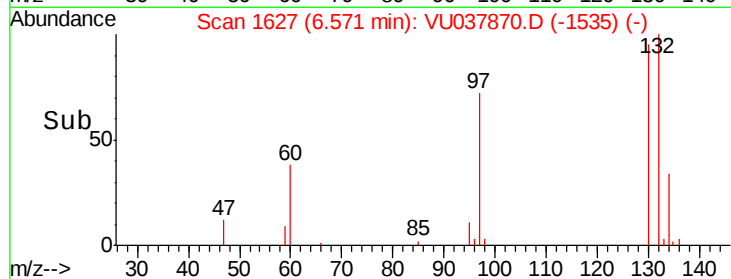
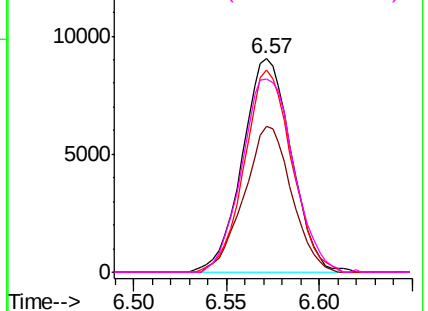


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#59

1,2,3-Trichloropropane

Concen: 5.156 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037870.D

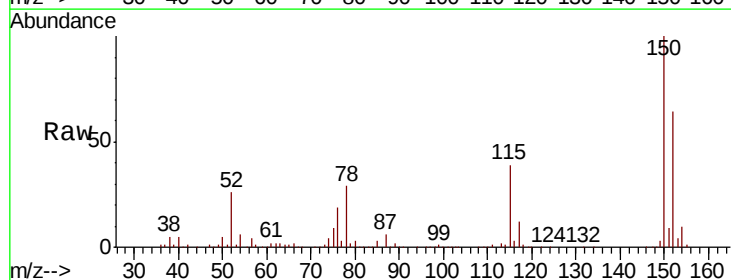
Acq: 24 Apr 2020 14:54

Tgt Ion: 75 Resp: 28436

Ion Ratio Lower Upper

75 100

77 37.4 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

