

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052820\
 Data File : VU038356.D
 Acq On : 28 May 2020 19:12
 Operator : JC/MD
 Sample : L2793-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA2

Quant Time: May 29 04:34:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	593486	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	578744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	271217	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	204776	54.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.92%
7) Chloroethane-d5	1.93	69	159698	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.96%
11) 1,1-Dichloroethene-d2	2.59	63	310793	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.62%
21) 2-Butanone-d5	4.67	46	399887	112.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.97%
24) Chloroform-d	5.10	84	384831	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.74	65	263052	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.94%
32) Benzene-d6	5.76	84	797233	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.04%
36) 1,2-Dichloropropane-d6	6.72	67	245823	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.46%
41) Toluene-d8	7.92	98	701697	52.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.58%
43) trans-1,3-Dichloropropene-	8.20	79	119546	51.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.02%
47) 2-Hexanone-d5	8.65	63	295490	120.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	356377	51.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.32%
64) 1,2-Dichlorobenzene-d4	12.20	152	277363	55.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.34%

Target Compounds

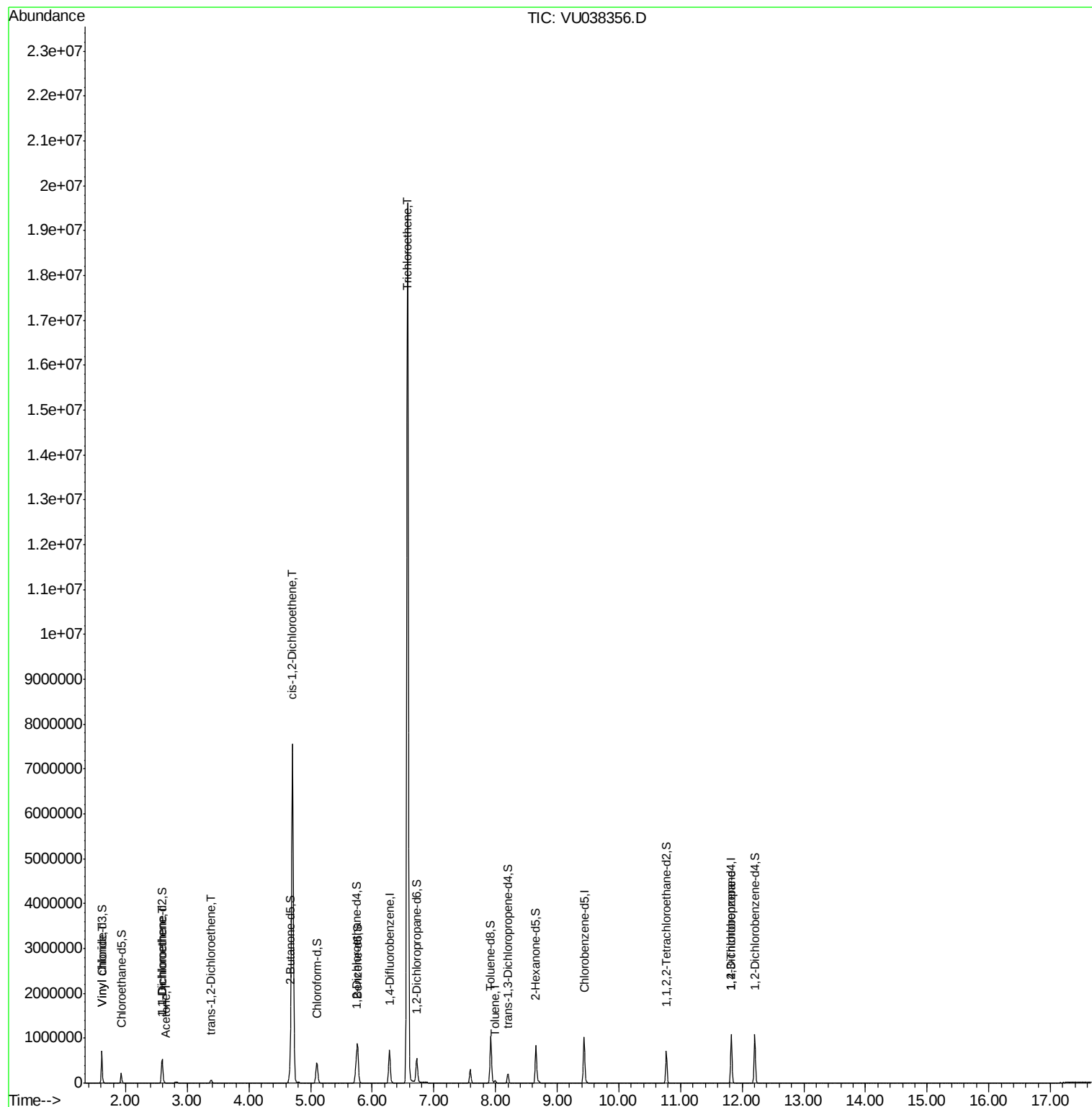
					Ovalue
5) Vinyl chloride	1.62	62	294151	64.672 ug/L	100
12) 1,1-Dichloroethene	2.61	96	11026	3.064 ug/L	# 1
13) Acetone	2.66	43	7974	2.711 ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	28755	7.440 ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	3884106	917.346 ug/L	99
34) Trichloroethene	6.57	95	6680949	1606.464 ug/L	99
42) Toluene	7.99	91	36588	2.144 ug/L	98
59) 1,2,3-Trichloropropane	11.82	75	35193	5.970 ug/L	93

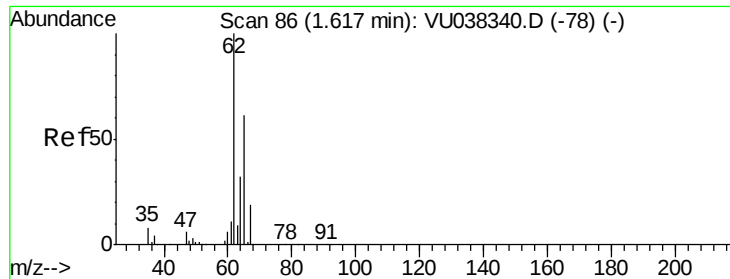
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 29 04:31:03 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 64.672 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038356.D

Acq: 28 May 2020 19:12

Instrument :

MSVOA_U

ClientSampleId :

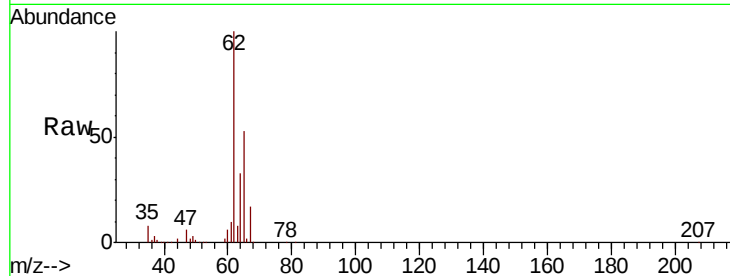
C0AA2

Tot Ion: 62 Resp: 294151

Ion Ratio Lower Upper

62 100

64 33.4 23.2 43.0



Abundance Ion 62.00 (61.70 to 62.70): VU038340.D (-78) (-)

Ion 64.00 (63.70 to 64.70): VU038340.D (-78) (-)

1.62

300000

250000

200000

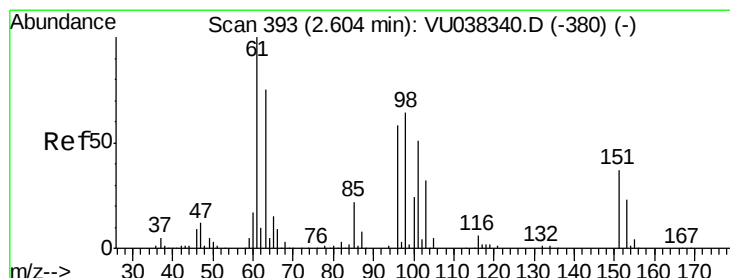
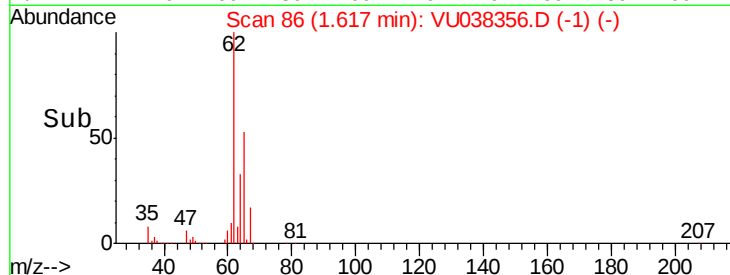
150000

100000

50000

0

Time--> 1.55 1.60 1.65 1.70



#12

1,1-Dichloroethene

Concen: 3.064 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038356.D

Acq: 28 May 2020 19:12

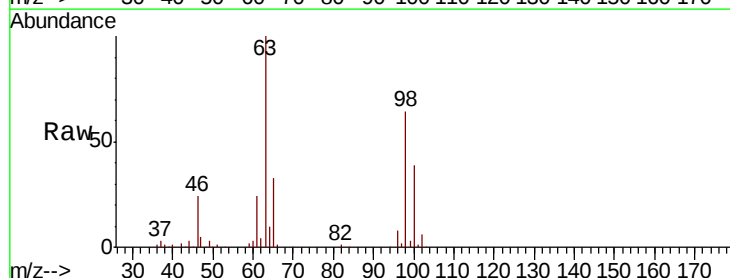
Tgt Ion: 96 Resp: 11026

Ion Ratio Lower Upper

96 100

61 290.6 123.5 229.3#

63 1189.2 76.6 142.2#



Abundance Ion 96.00 (95.70 to 96.70): VU038340.D (-380) (-)

Ion 61.00 (60.70 to 61.70): VU038340.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU038340.D (-380) (-)

250000

200000

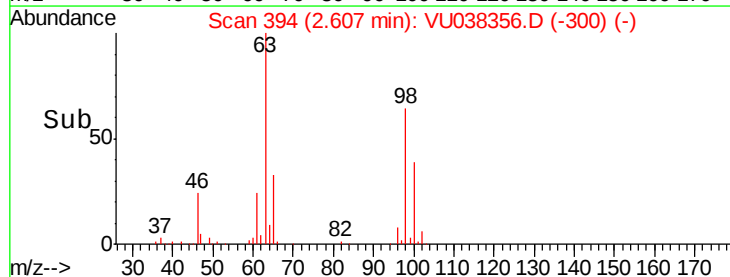
150000

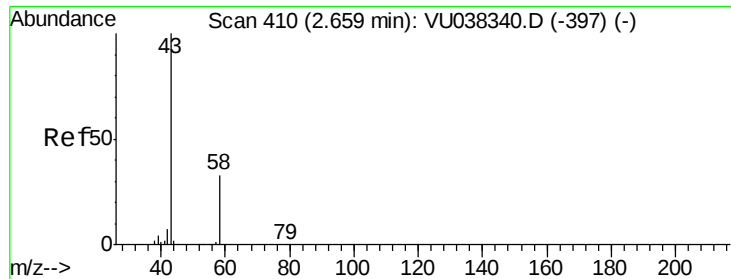
100000

50000

0

Time--> 2.55 2.60 2.65





#13

Acetone

Concen: 2.711 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU038356.D

Acq: 28 May 2020 19:12

Instrument :

MSVOA_U

ClientSampleId :

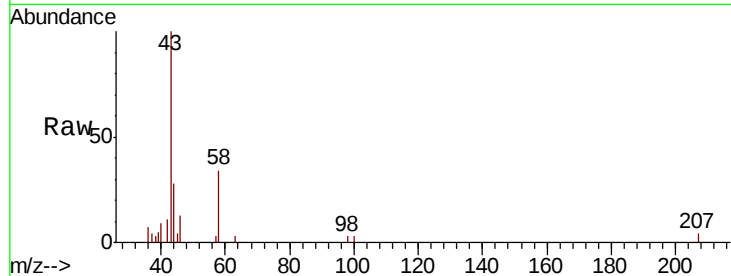
C0AA2

Tot Ion: 43 Resp: 7974

Ion Ratio Lower Upper

43 100

58 31.4 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VU038340.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU038340.D (-397) (-)

2.66

4000

3000

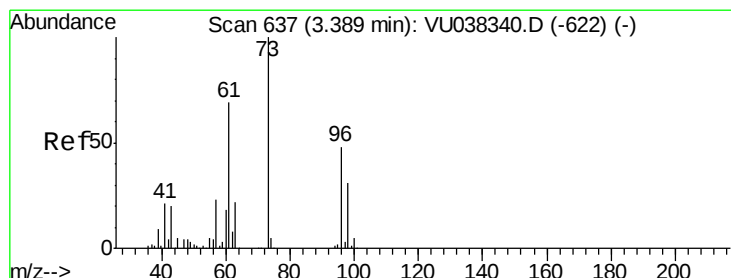
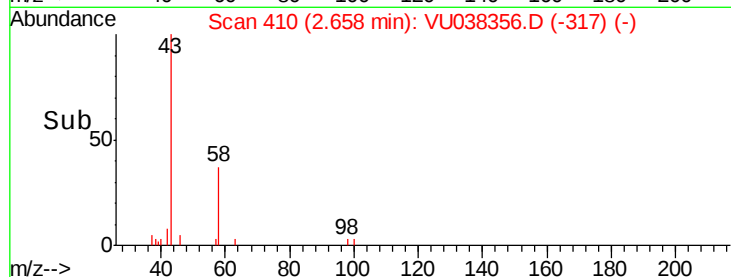
2000

1000

0

2.60 2.65 2.70

Time-->



#17

trans-1,2-Dichloroethene

Concen: 7.440 ug/L

RT: 3.39 min Scan# 637

Delta R.T. -0.00 min

Lab File: VU038356.D

Acq: 28 May 2020 19:12

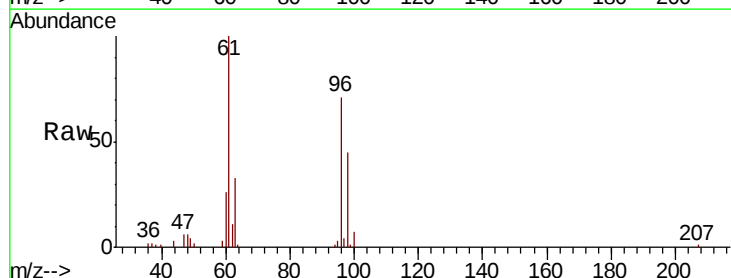
Tgt Ion: 96 Resp: 28755

Ion Ratio Lower Upper

96 100

61 139.9 100.4 186.4

98 62.3 46.1 85.5



Abundance Ion 96.00 (95.70 to 96.70): VU038340.D (-622) (-)

Ion 61.00 (60.70 to 61.70): VU038340.D (-622) (-)

Ion 98.00 (97.70 to 98.70): VU038340.D (-622) (-)

3.39

25000

20000

15000

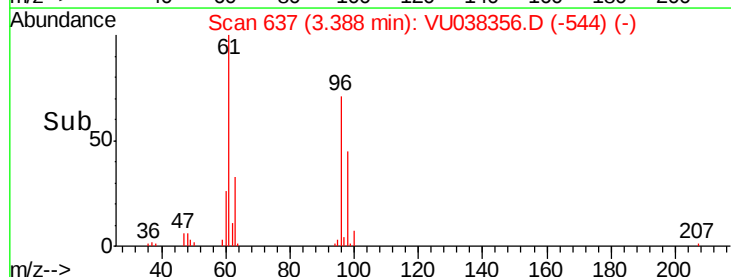
10000

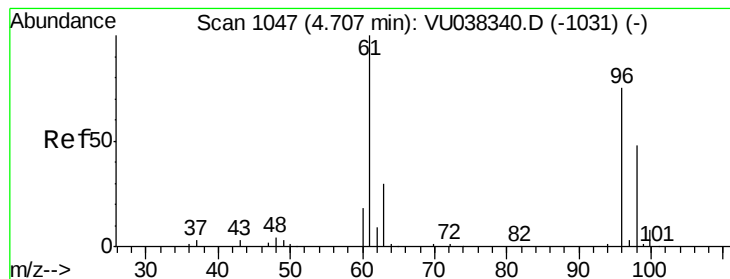
5000

0

3.30 3.35 3.40 3.45

Time-->





#20

cis-1,2-Dichloroethene

Concen: 917.346 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038356.D

Acq: 28 May 2020 19:12

Instrument :

MSVOA_U

ClientSampleId :

C0AA2

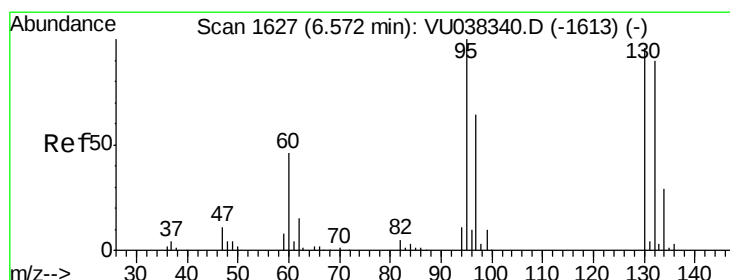
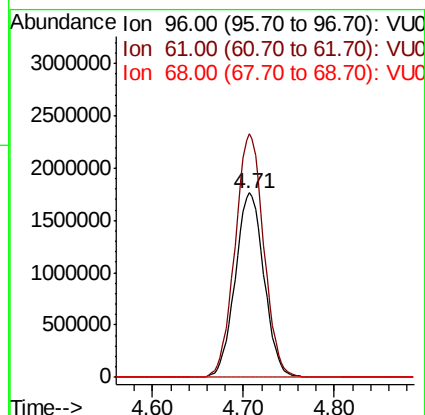
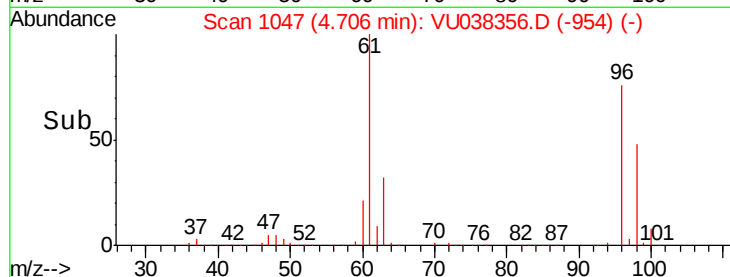
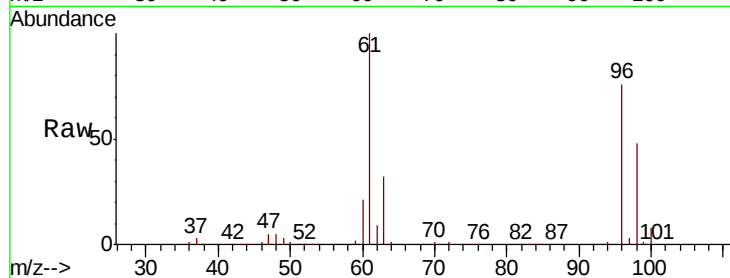
Tot Ion: 96 Resp: 3884106

Ion Ratio Lower Upper

96 100

61 131.9 93.4 173.4

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 1606.464 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU038356.D

Acq: 28 May 2020 19:12

Tgt Ion: 95 Resp: 6680949

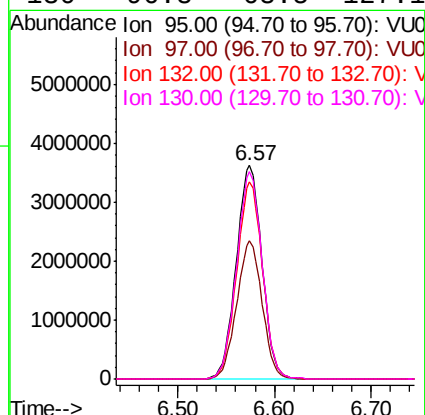
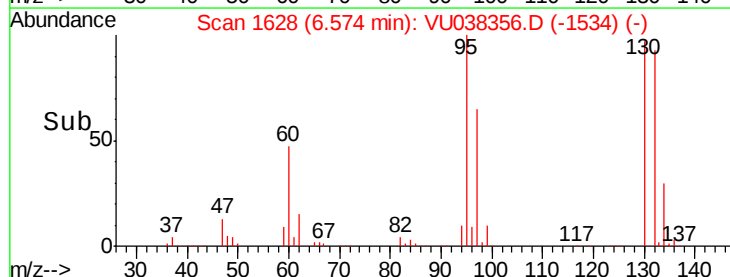
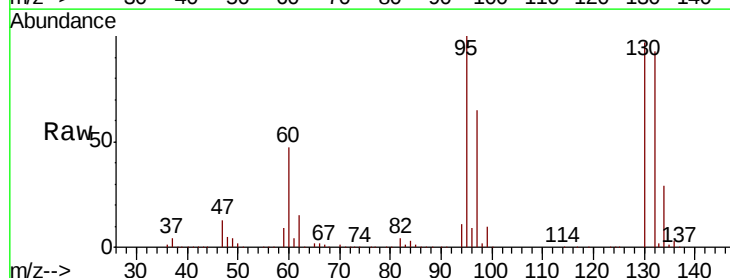
Ion Ratio Lower Upper

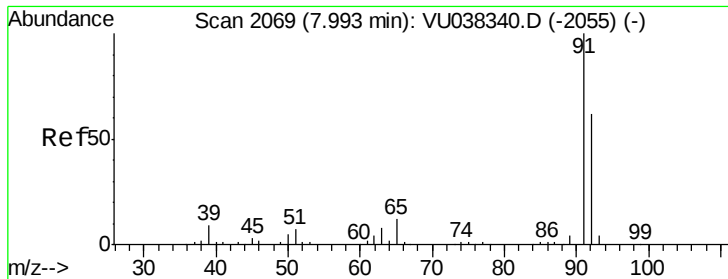
95 100

97 64.5 44.3 82.3

132 92.6 64.7 120.1

130 96.8 68.5 127.1





#42

Toluene

Concen: 2.144 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038356.D

Acq: 28 May 2020 19:12

Instrument :

MSVOA_U

ClientSampleId :

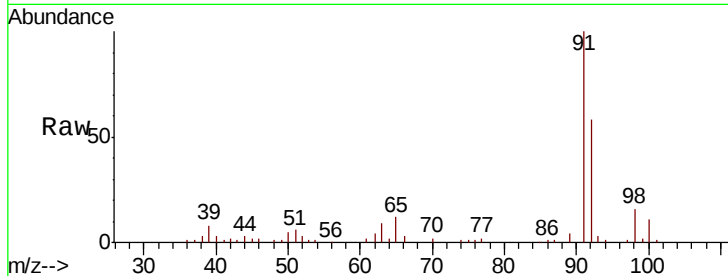
C0AA2

Tot Ion: 91 Resp: 36588

Ion Ratio Lower Upper

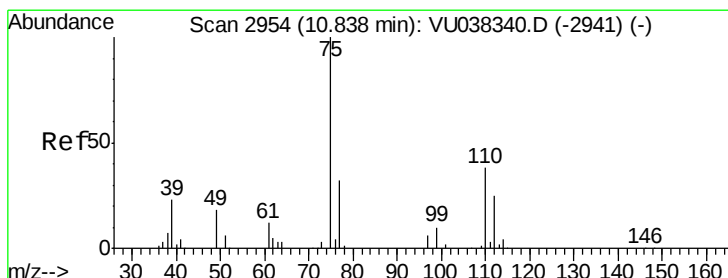
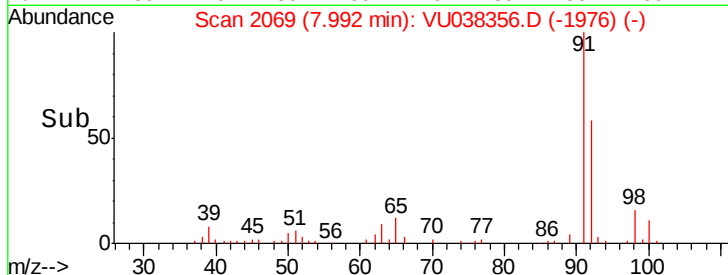
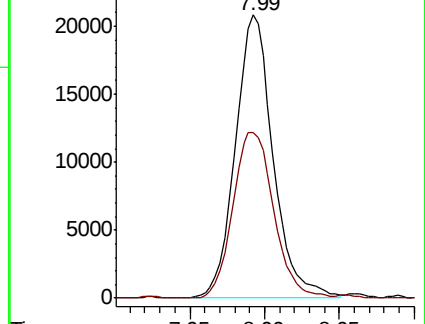
91 100

92 58.5 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VU038340.D (-2055) (-)

Ion 92.00 (91.70 to 92.70): VU038340.D (-2055) (-)



#59

1,2,3-Trichloropropane

Concen: 5.970 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038356.D

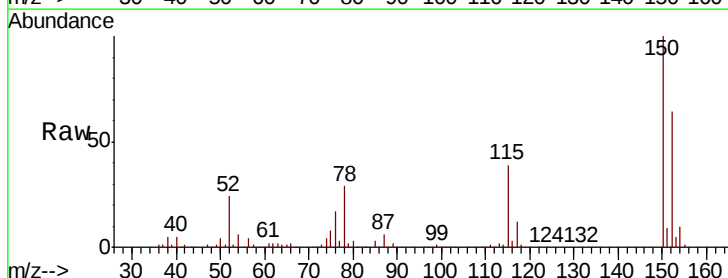
Acq: 28 May 2020 19:12

Tgt Ion: 75 Resp: 35193

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU038340.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU038340.D (-2941) (-)

