

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038464.D
 Acq On : 01 Jun 2020 12:37
 Operator : JC/MD
 Sample : L2789-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 02 05:27:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	325505	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	318901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	149812	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81989	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.93	69	76354	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	133595	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.69	46	379134	59.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.48%
24) Chloroform-d	5.10	84	197221	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.74	65	120923	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.76	84	387675	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	120279	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.92	98	320879	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.20	79	51400	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.66	63	320284	61.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110349	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	133868	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

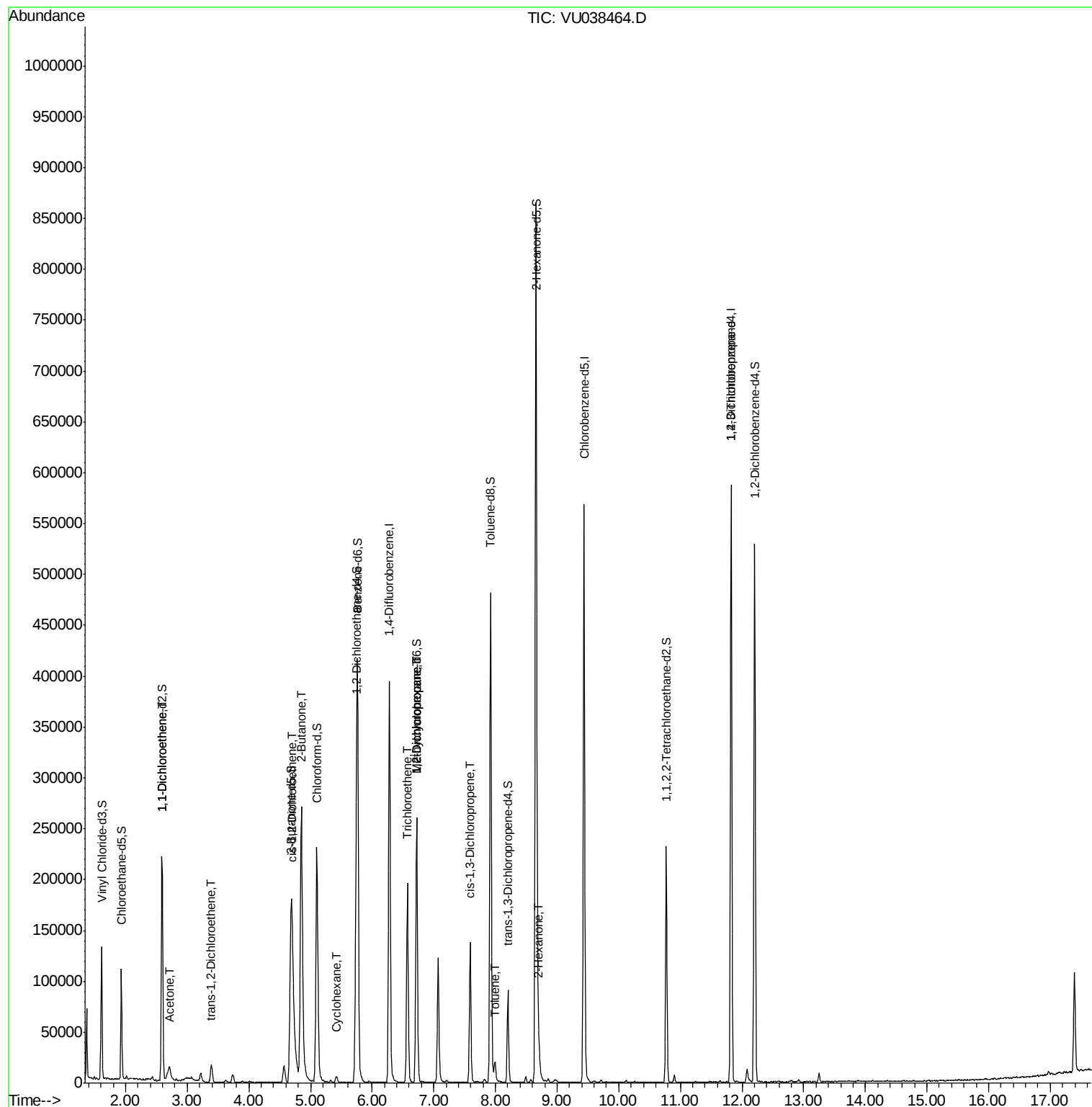
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1276	0.064 ug/L #	1
13) Acetone	2.70	43	27603	6.591 ug/L	68
18) trans-1,2-Dichloroethene	3.39	96	4245	0.196 ug/L	91
21) 2-Butanone	4.85	43	424878	60.313 ug/L #	50
22) cis-1,2-Dichloroethene	4.71	96	9970	0.429 ug/L	92
30) Cyclohexane	5.43	56	2607	0.074 ug/L	94
34) Trichloroethene	6.57	95	65263	2.828 ug/L	97
35) Methylcyclohexane	6.72	83	29323	0.821 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13439	0.601 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3333	0.101 ug/L #	50
42) Toluene	7.99	91	12133	0.130 ug/L	99
48) 2-Hexanone	8.71	43	15969	1.318 ug/L	96
59) 1,2,3-Trichloropropane	11.82	75	18001	1.078 ug/L #	87

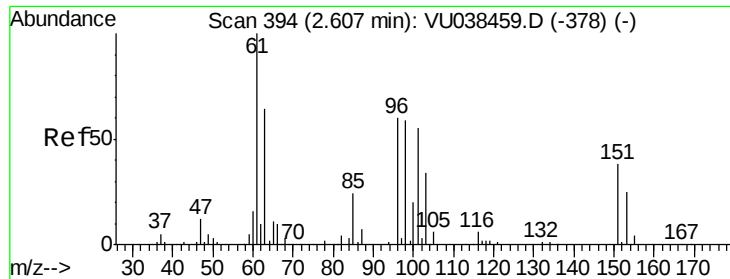
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 05:25:28 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038464.D

Acq: 01 Jun 2020 12:37

Instrument :
MSVOA_U
ClientSampleId :

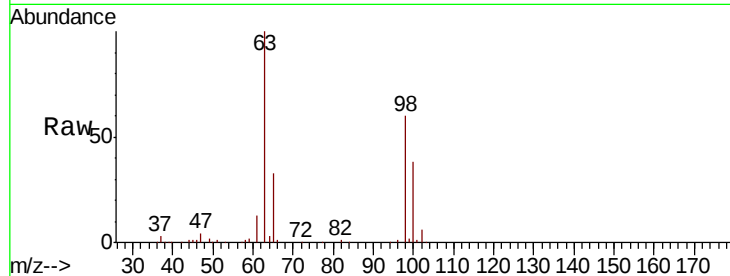
Tot Ion: 96 Resp: 1276

Ion Ratio Lower Upper

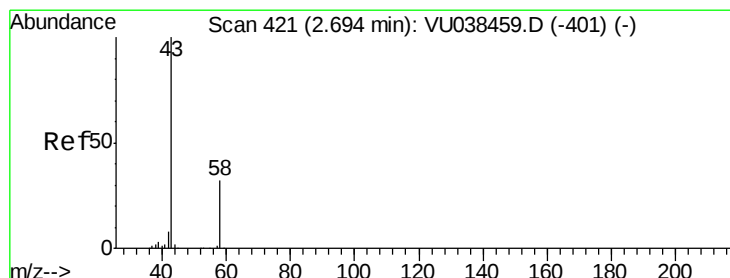
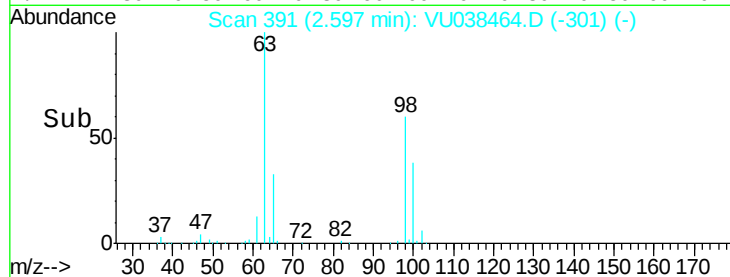
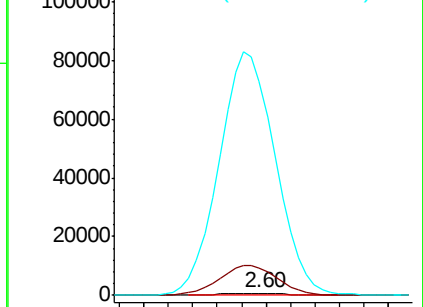
96 100

61 1265.4 119.9 222.7#

63 9786.8 89.9 167.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 6.591 ug/L

RT: 2.70 min Scan# 422

Delta R.T. 0.00 min

Lab File: VU038464.D

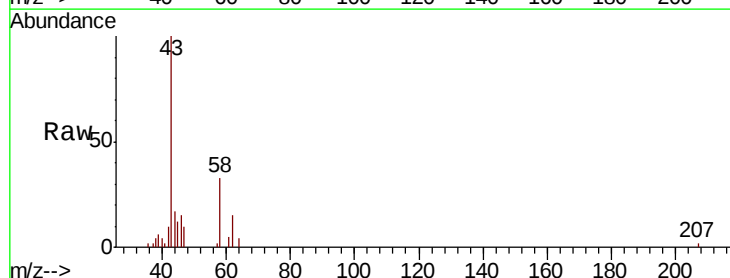
Acq: 01 Jun 2020 12:37

Tgt Ion: 43 Resp: 27603

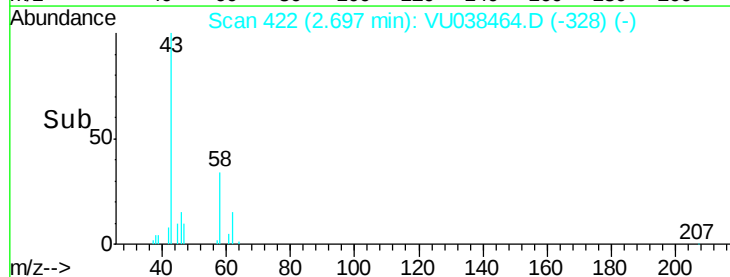
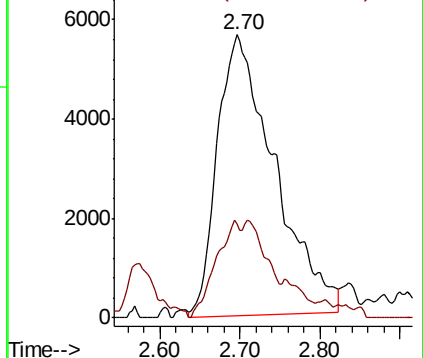
Ion Ratio Lower Upper

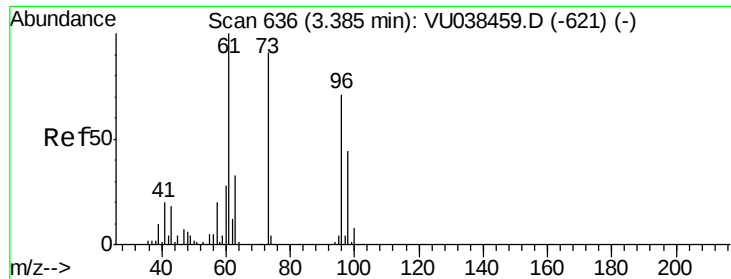
43 100

58 14.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.196 ug/L

RT: 3.39 min Scan# 638

Delta R.T. 0.01 min

Lab File: VU038464.D

Acq: 01 Jun 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

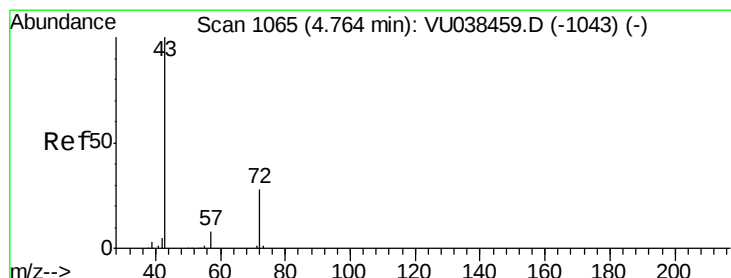
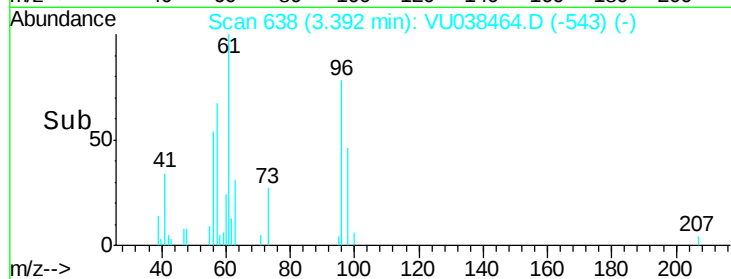
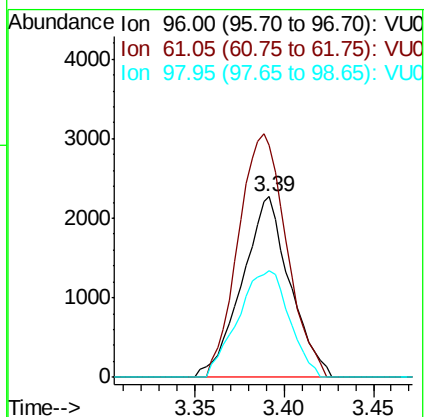
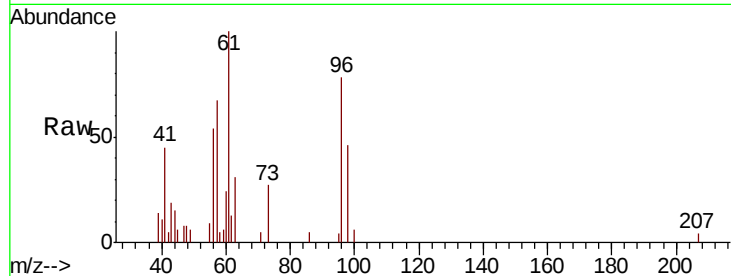
Tot Ion: 96 Resp: 4245

Ion Ratio Lower Upper

96 100

61 128.5 100.2 186.0

98 59.0 42.8 79.4



#21

2-Butanone

Concen: 60.313 ug/L

RT: 4.85 min Scan# 1092

Delta R.T. 0.09 min

Lab File: VU038464.D

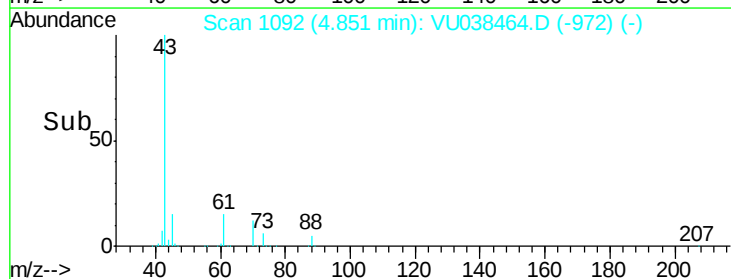
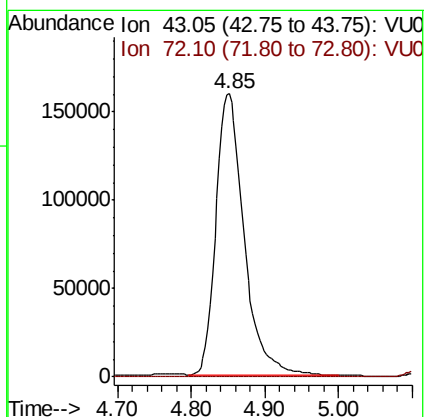
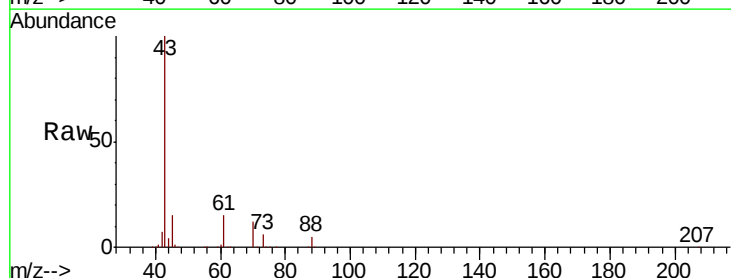
Acq: 01 Jun 2020 12:37

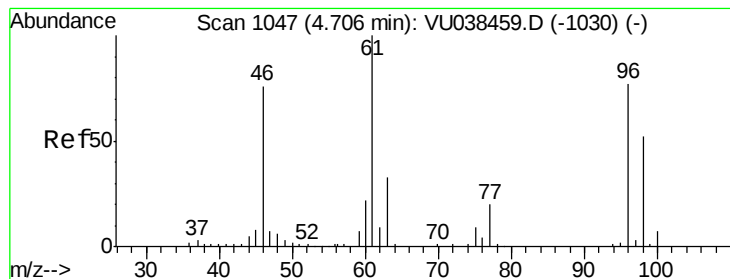
Tgt Ion: 43 Resp: 424878

Ion Ratio Lower Upper

43 100

72 0.0 12.6 37.8#





#22

cis-1,2-Dichloroethene

Concen: 0.429 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038464.D

Acq: 01 Jun 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

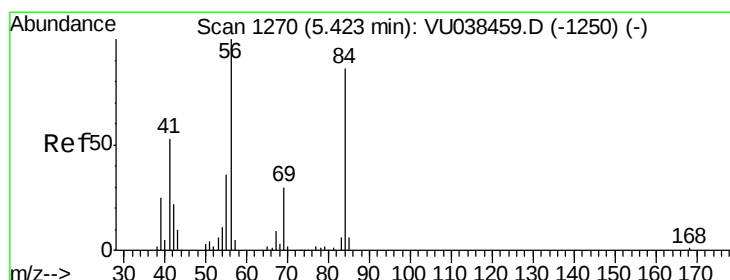
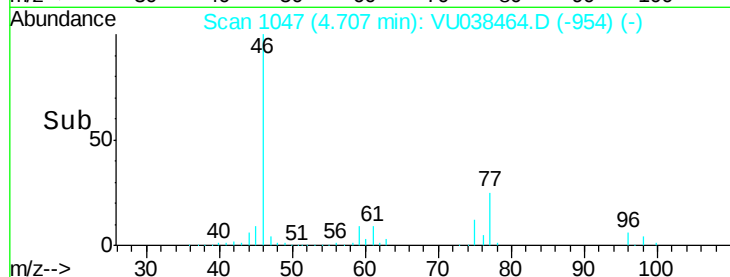
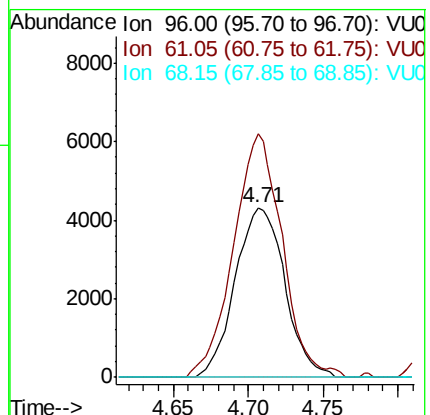
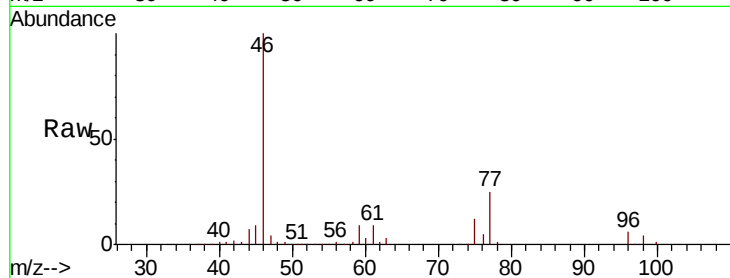
Tot Ion: 96 Resp: 9970

Ion Ratio Lower Upper

96 100

61 143.6 94.0 174.6

68 0.0 0.0 0.0



#30

Cyclohexane

Concen: 0.074 ug/L

RT: 5.43 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU038464.D

Acq: 01 Jun 2020 12:37

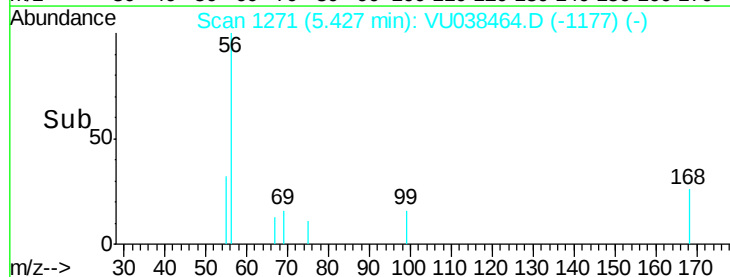
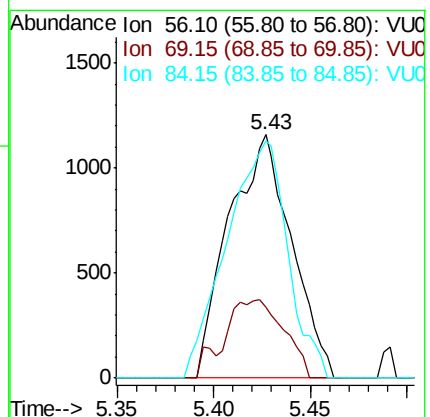
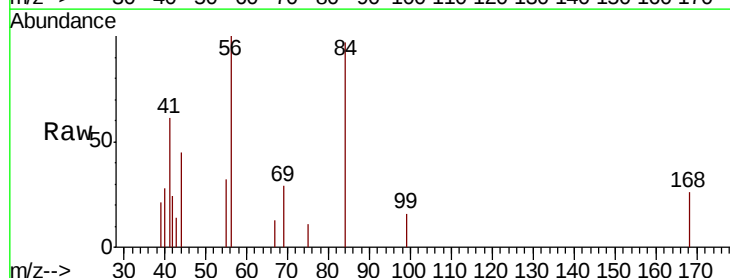
Tgt Ion: 56 Resp: 2607

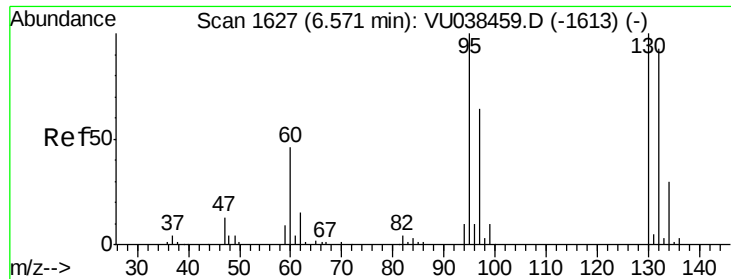
Ion Ratio Lower Upper

56 100

69 27.5 24.2 36.4

84 94.8 70.8 106.2

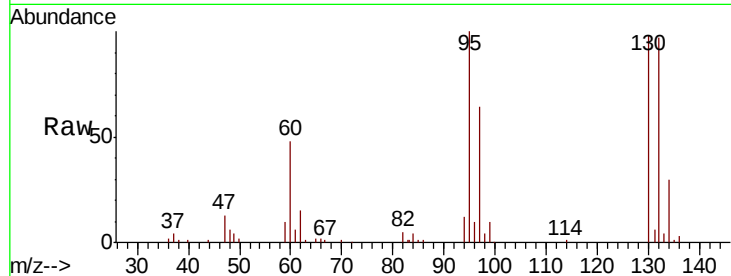




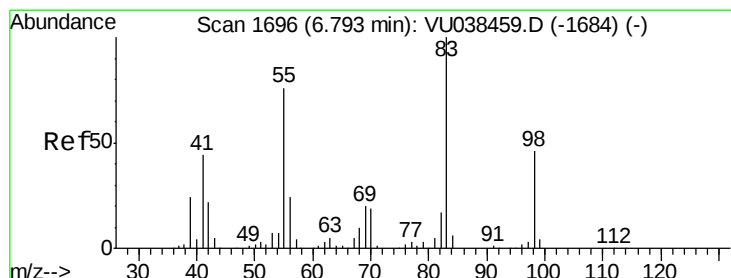
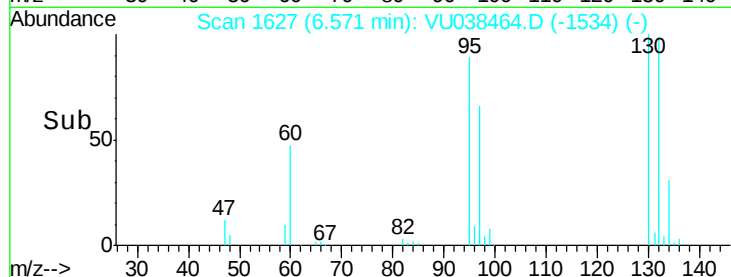
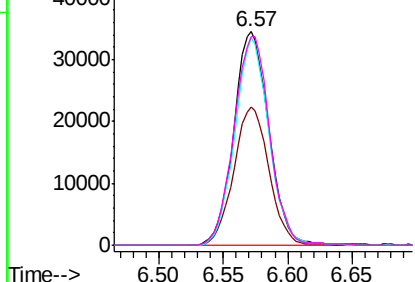
#34
 Trichloroethene
 Concen: 2.828 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038464.D
 Acq: 01 Jun 2020 12:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 65263
 Ion Ratio Lower Upper
 95 100
 97 64.5 46.8 87.0
 132 96.9 66.1 122.7
 130 97.8 70.0 130.0

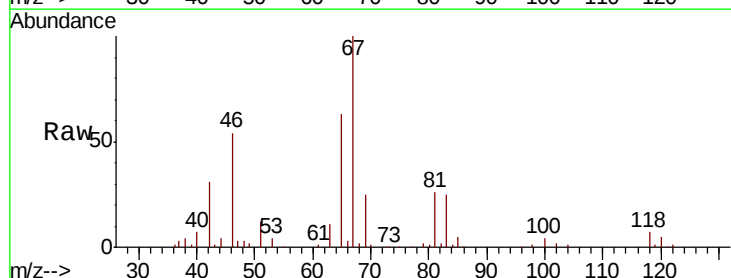


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

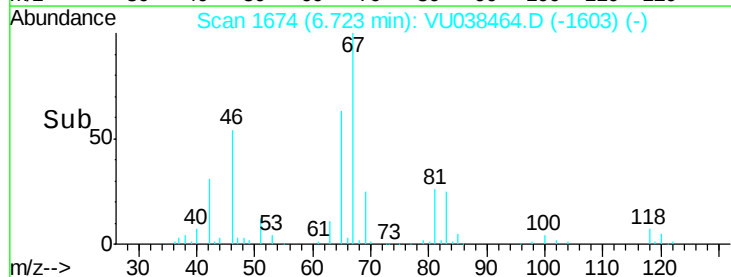
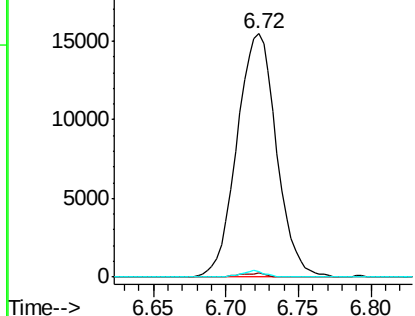


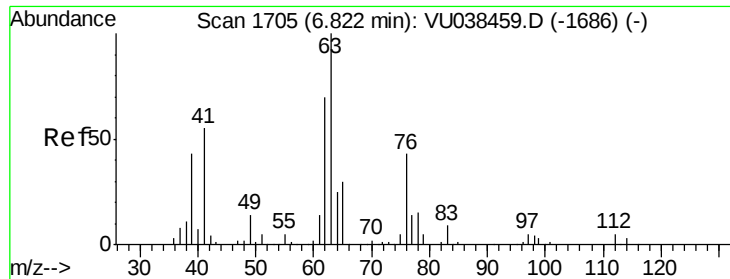
#35
 Methylcyclohexane
 Concen: 0.821 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU038464.D
 Acq: 01 Jun 2020 12:37

Tgt Ion: 83 Resp: 29323
 Ion Ratio Lower Upper
 83 100
 55 1.0 63.4 95.2#
 98 1.5 39.0 58.4#



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0

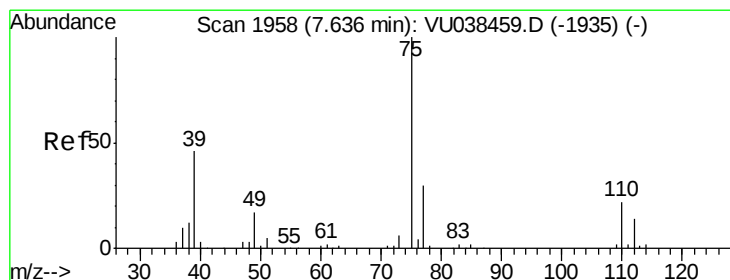
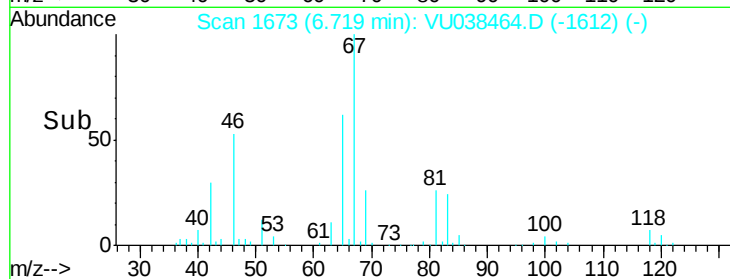
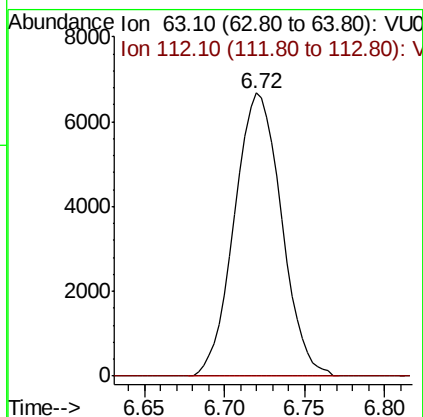
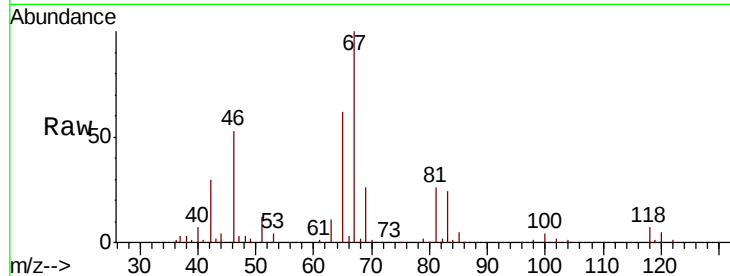




#37
 1,2-Dichloropropane
 Concen: 0.601 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038464.D
 Acq: 01 Jun 2020 12:37

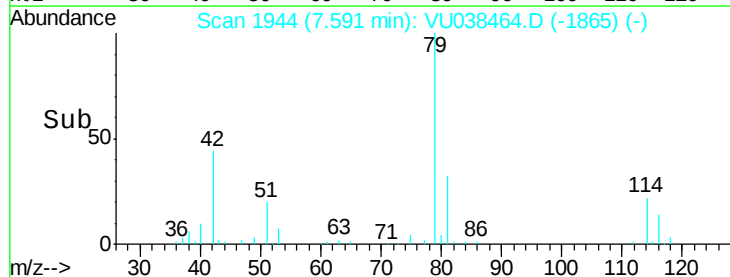
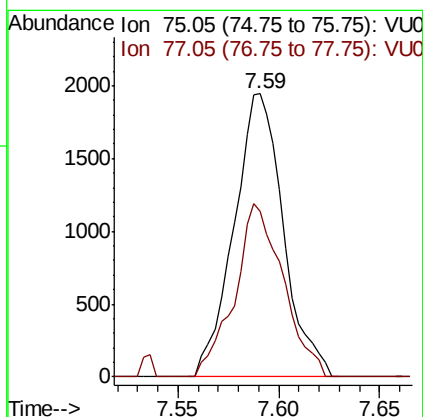
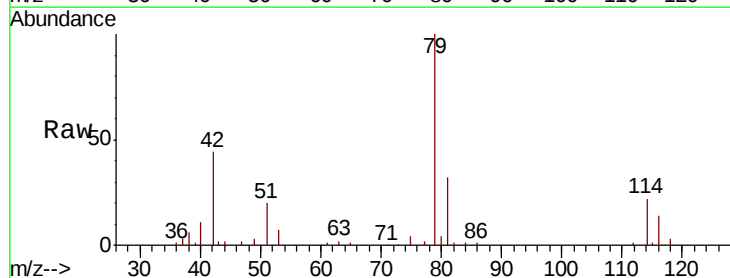
Instrument :
 MSVOA_U
 ClientSampleId :

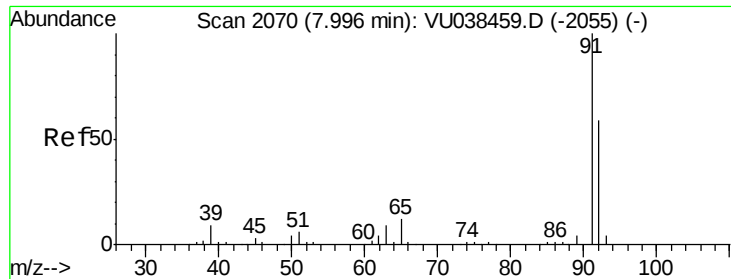
Tot Ion: 63 Resp: 13439
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038464.D
 Acq: 01 Jun 2020 12:37

Tgt Ion: 75 Resp: 3333
 Ion Ratio Lower Upper
 75 100
 77 58.7 21.9 40.7#





#42

Toluene

Concen: 0.130 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038464.D

Acq: 01 Jun 2020 12:37

Instrument :

MSVOA_U

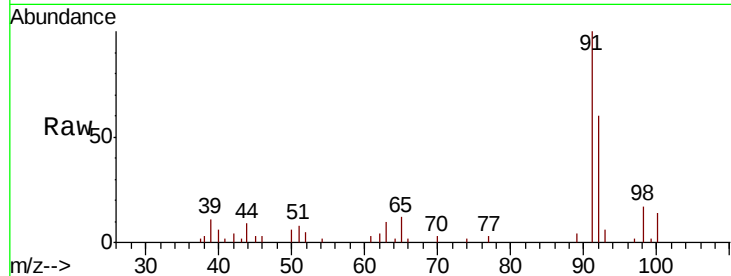
ClientSampleId :

Tot Ion: 91 Resp: 12133

Ion Ratio Lower Upper

91 100

92 60.3 43.0 79.8



Abundance Ion 91.15 (90.85 to 91.85): VU038459.D (-2055) (-)

Ion 92.15 (91.85 to 92.85): VU038459.D (-2055) (-)

7.99

6000

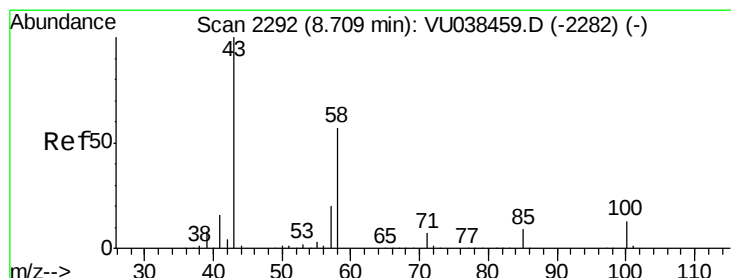
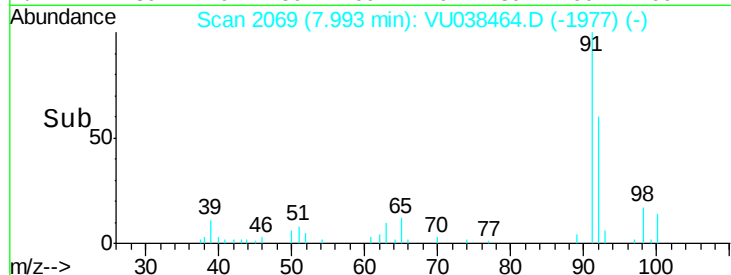
4000

2000

0

7.95 8.00 8.05

Time-->



#48

2-Hexanone

Concen: 1.318 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038464.D

Acq: 01 Jun 2020 12:37

Tgt Ion: 43 Resp: 15969

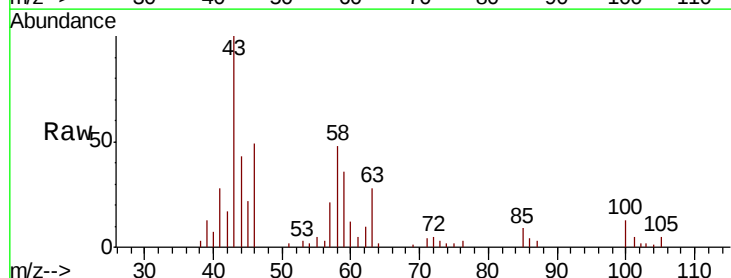
Ion Ratio Lower Upper

43 100

58 55.2 45.4 68.0

57 22.7 15.9 23.9

100 10.7 10.5 15.7



Abundance Ion 43.05 (42.75 to 43.75): VU038459.D (-2282) (-)

Ion 58.05 (57.75 to 58.75): VU038459.D (-2282) (-)

Ion 57.20 (56.90 to 57.90): VU038459.D (-2282) (-)

Ion 100.15 (99.85 to 100.85): VU038459.D (-2282) (-)

30000

25000

20000

15000

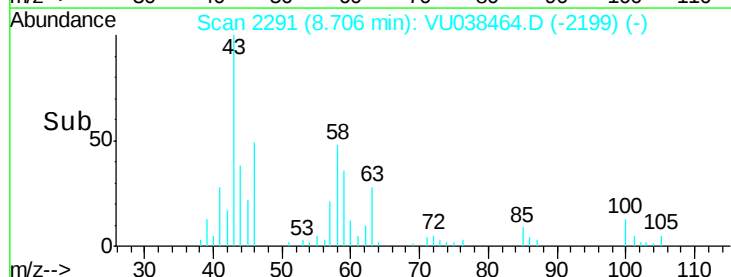
10000

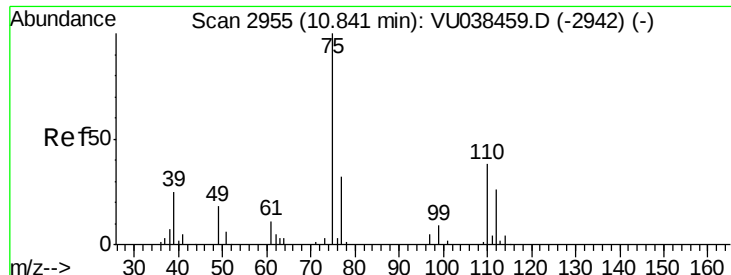
5000

0

8.65 8.70 8.75 8.80

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.078 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038464.D

Acq: 01 Jun 2020 12:37

Instrument :

MSVOA_U

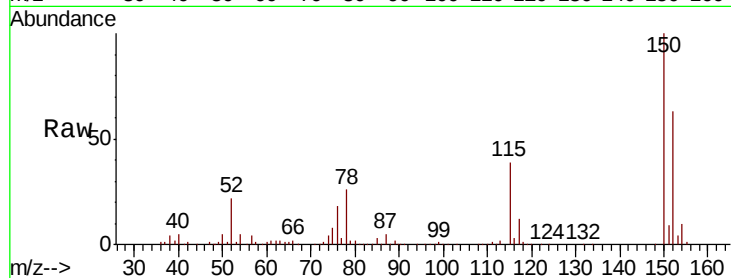
ClientSampleId :

Tot Ion: 75 Resp: 18001

Ion Ratio Lower Upper

75 100

77 39.1 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

