

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038603.D
 Acq On : 06 Jun 2020 05:36
 Operator : SY/MD
 Sample : L2910-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D27

Quant Time: Jun 06 06:24:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 06:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	301556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	305251	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	149820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	62548	3.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.20%
7) Chloroethane-d5	1.93	69	59153	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.59	63	107371	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.67	46	312079	52.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	5.10	84	166678	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.74	65	99997	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.76	84	321947	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.72	67	103549	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.92	98	272276	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.20	79	40189	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.65	63	261747	52.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96762	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	120166	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

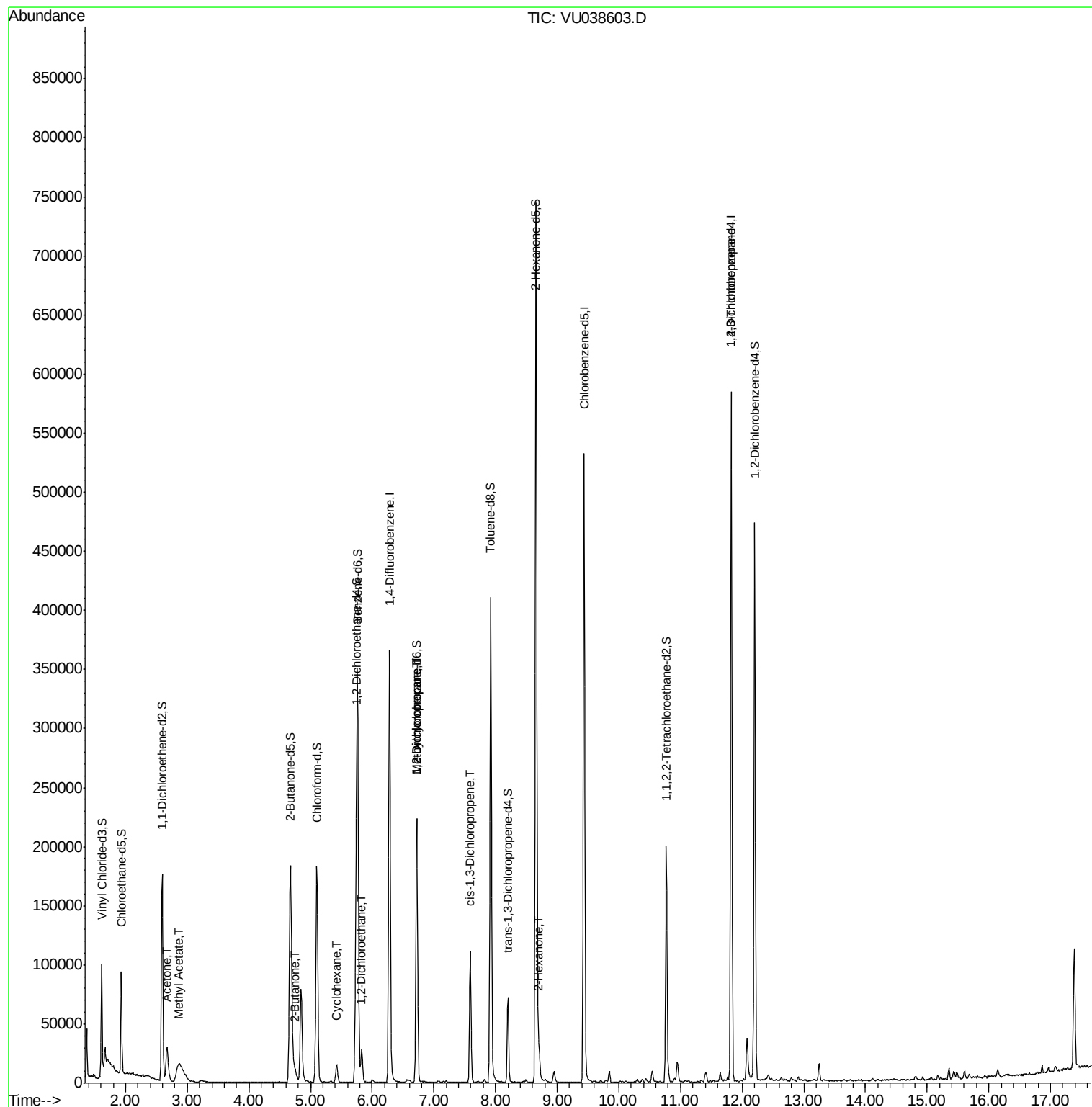
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	49665	12.800	ug/L	99
15) Methyl Acetate	2.86	43	3851	0.405	ug/L #	54
21) 2-Butanone	4.75	43	9552	1.464	ug/L #	72
27) 1,2-Dichloroethane	5.83	62	21426	0.836	ug/L #	93
30) Cyclohexane	5.43	56	7308	0.216	ug/L	98
35) Methylcyclohexane	6.72	83	24293	0.710	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11446	0.534	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2602	0.082	ug/L #	47
48) 2-Hexanone	8.71	43	12048	1.039	ug/L	96
59) 1,2,3-Trichloropropane	11.82	75	18795	1.176	ug/L	91

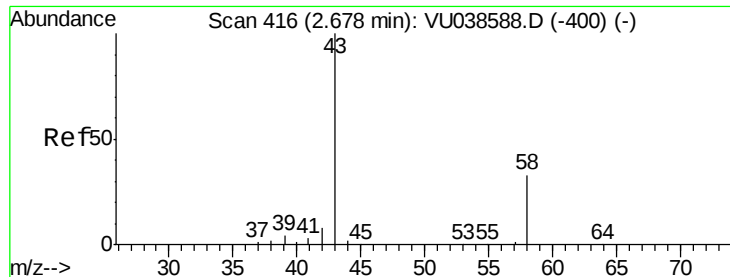
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.800 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038603.D

Acq: 06 Jun 2020 05:36

Instrument :

MSVOA_U

ClientSampleId :

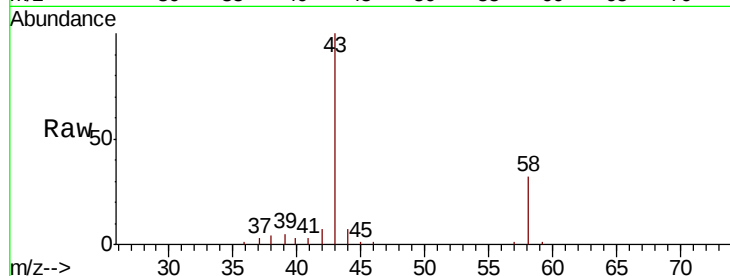
F9D27

Tot Ion: 43 Resp: 49665

Ion Ratio Lower Upper

43 100

58 33.3 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038588.D (-400) (-)

2.67

20000

15000

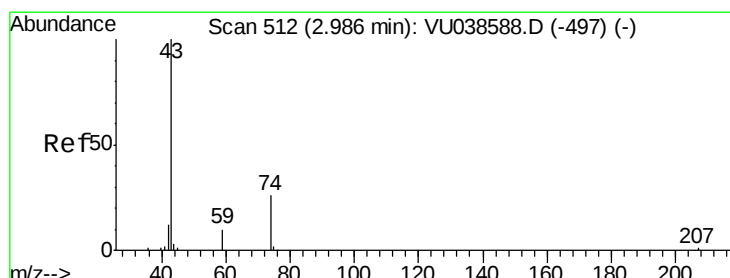
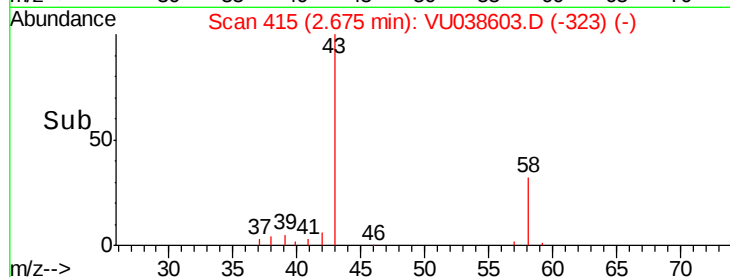
10000

5000

0

Time-->

2.60 2.70 2.80



#15

Methyl Acetate

Concen: 0.405 ug/L

RT: 2.86 min Scan# 473

Delta R.T. -0.13 min

Lab File: VU038603.D

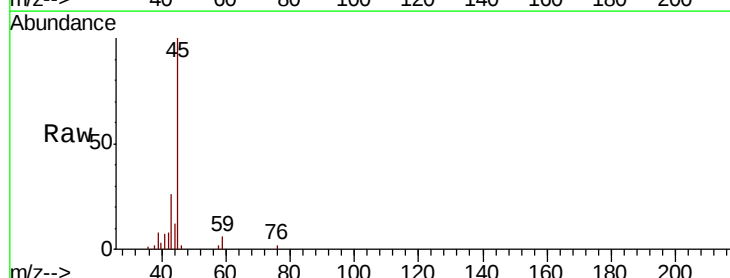
Acq: 06 Jun 2020 05:36

Tgt Ion: 43 Resp: 3851

Ion Ratio Lower Upper

43 100

74 1.1 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-497) (-)

Ion 74.05 (73.75 to 74.75): VU038588.D (-497) (-)

2.86

2500

2000

1500

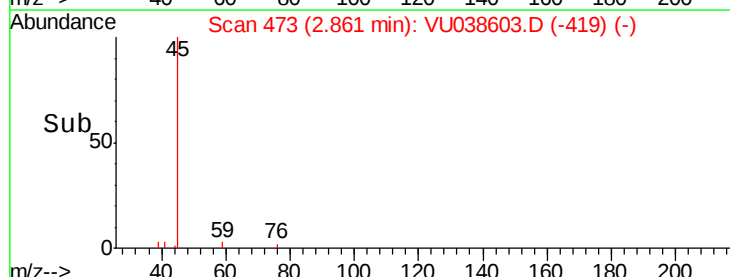
1000

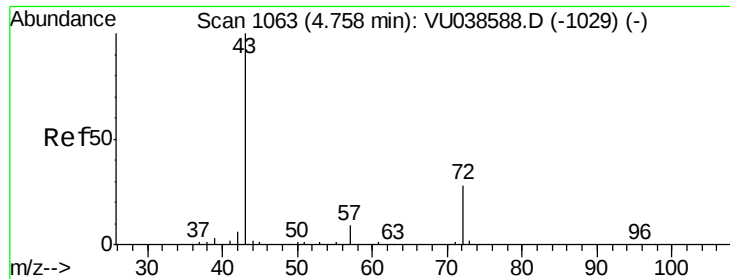
500

0

Time-->

2.85 2.90





#21

2-Butanone

Concen: 1.464 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VU038603.D

Acq: 06 Jun 2020 05:36

Instrument :

MSVOA_U

ClientSampled :

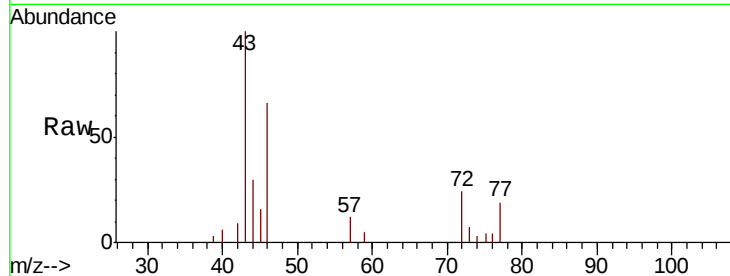
F9D27

Tot Ion: 43 Resp: 9552

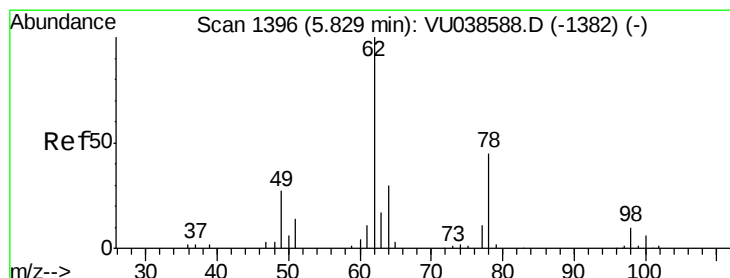
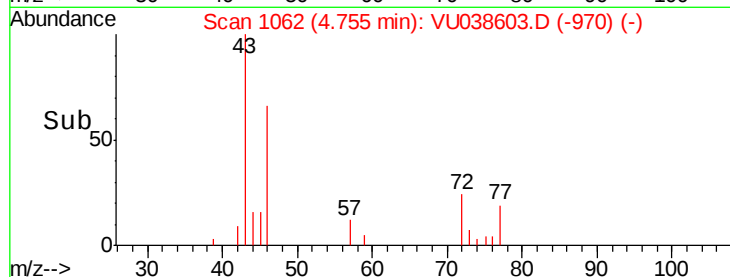
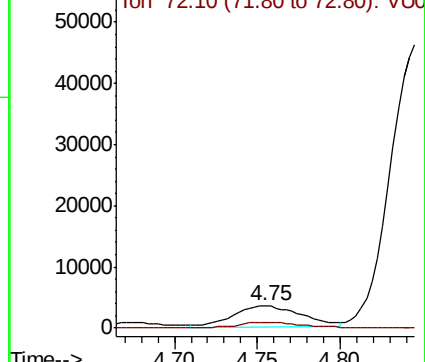
Ion Ratio Lower Upper

43 100

72 11.4 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-1029) (-)



#27

1,2-Dichloroethane

Concen: 0.836 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038603.D

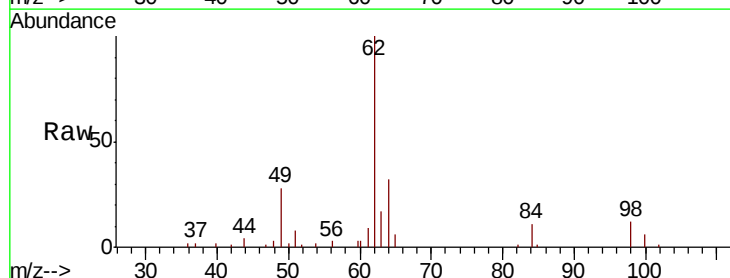
Acq: 06 Jun 2020 05:36

Tgt Ion: 62 Resp: 21426

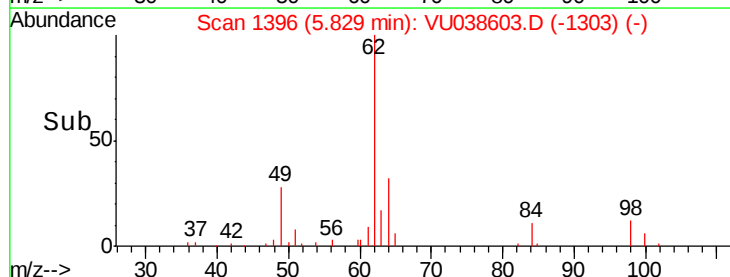
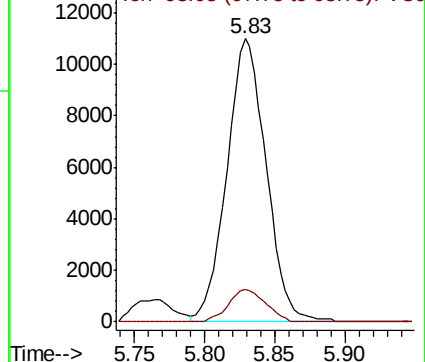
Ion Ratio Lower Upper

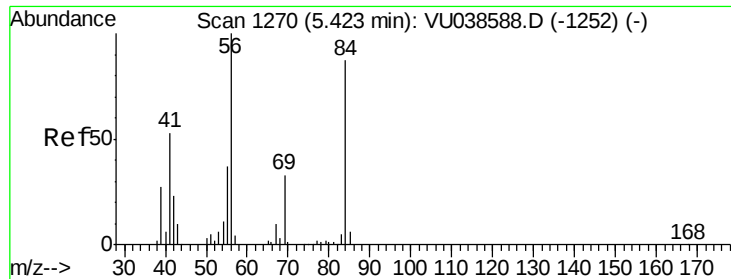
62 100

98 11.7 7.4 11.2#



Abundance Ion 62.00 (61.70 to 62.70): VU038588.D (-1382) (-)

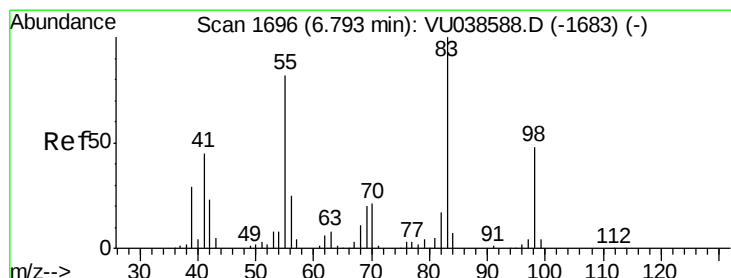
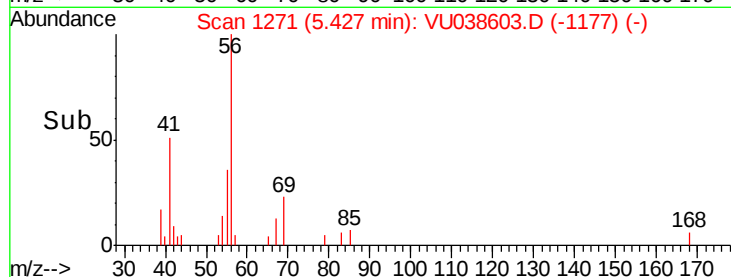
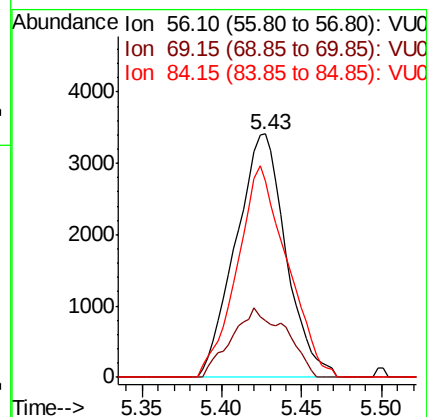
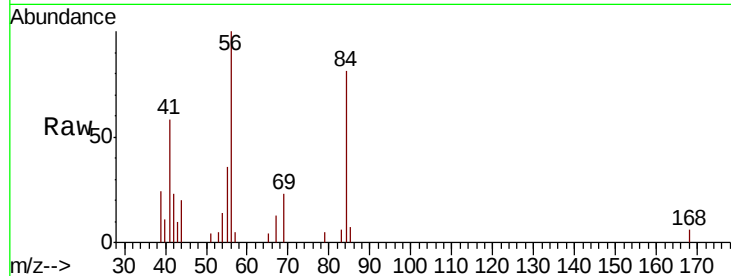




#30
Cyclohexane
Concen: 0.216 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038603.D
Acq: 06 Jun 2020 05:36

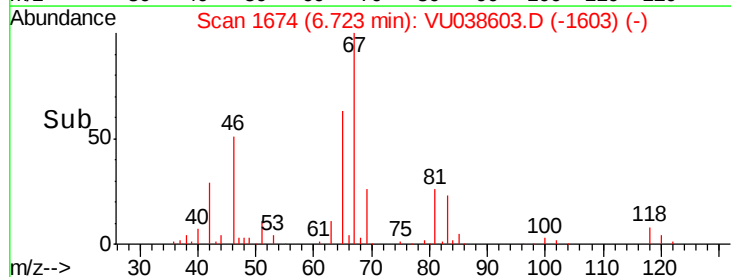
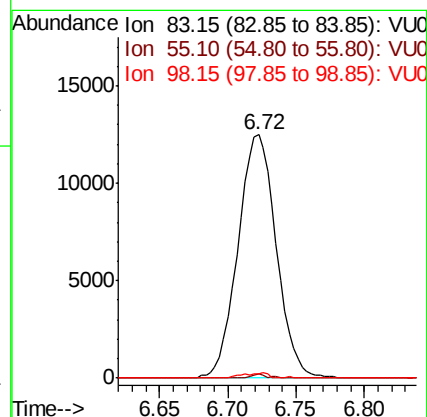
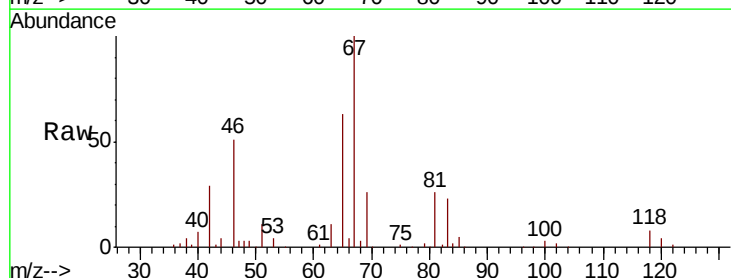
Instrument :
MSVOA_U
ClientSampleId :
F9D27

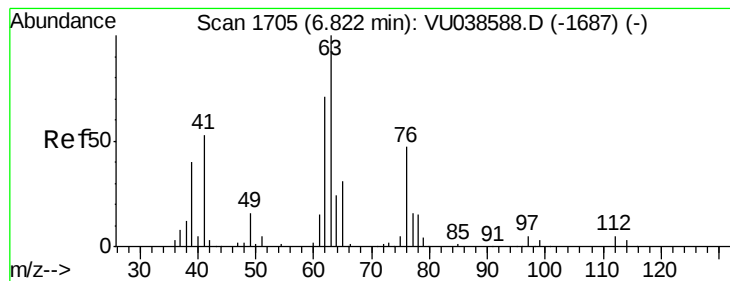
Tot Ion: 56 Resp: 7308
Ion Ratio Lower Upper
56 100
69 30.9 24.2 36.4
84 86.6 70.8 106.2



#35
Methylcyclohexane
Concen: 0.710 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038603.D
Acq: 06 Jun 2020 05:36

Tgt Ion: 83 Resp: 24293
Ion Ratio Lower Upper
83 100
55 0.5 63.4 95.2#
98 1.4 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.534 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038603.D

Acq: 06 Jun 2020 05:36

Instrument :

MSVOA_U

ClientSampleId :

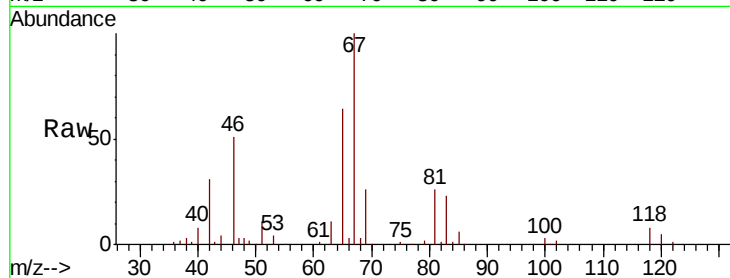
F9D27

Tot Ion: 63 Resp: 11446

Ion Ratio Lower Upper

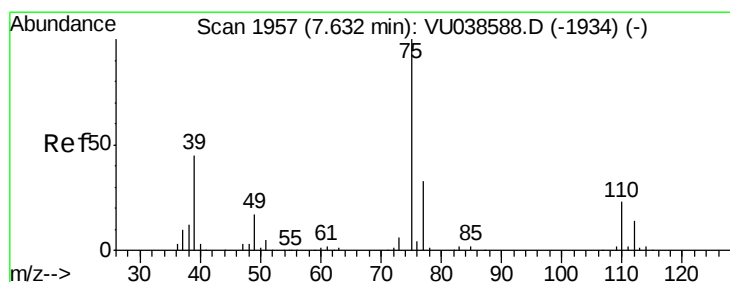
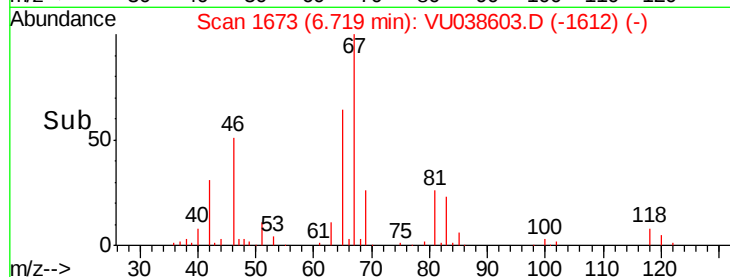
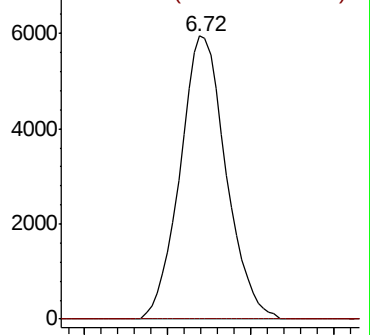
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU038588.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU038588.D (-1687) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU038603.D

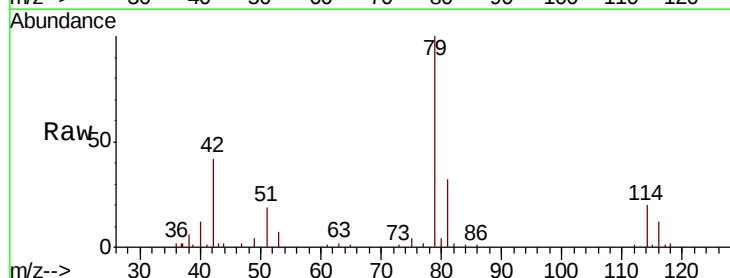
Acq: 06 Jun 2020 05:36

Tgt Ion: 75 Resp: 2602

Ion Ratio Lower Upper

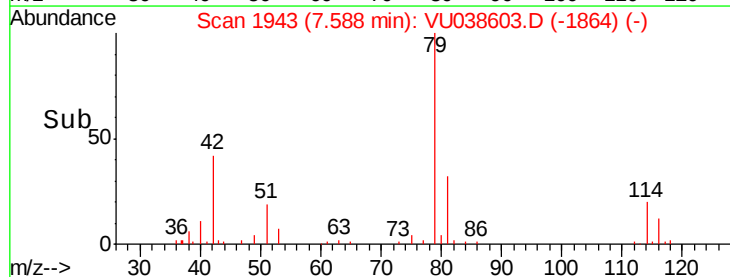
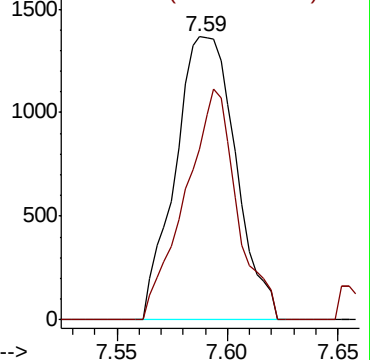
75 100

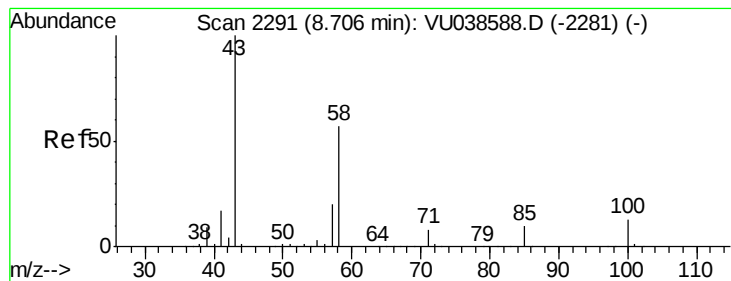
77 60.5 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038588.D (-1934) (-)

Ion 77.05 (76.75 to 77.75): VU038588.D (-1934) (-)





#48

2-Hexanone

Concen: 1.039 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. 0.00 min

Lab File: VU038603.D

Acq: 06 Jun 2020 05:36

Instrument :

MSVOA_U

ClientSampled :

F9D27

Tot Ion: 43 Resp: 12048

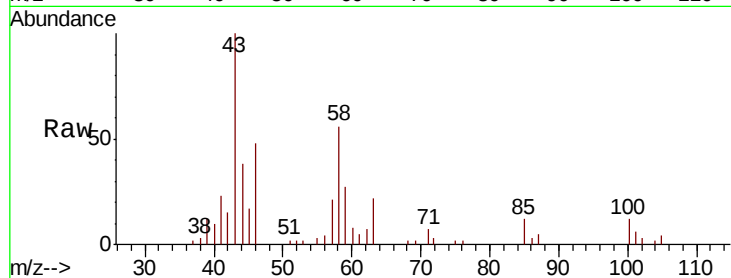
Ion Ratio Lower Upper

43 100

58 58.8 45.4 68.0

57 23.0 15.9 23.9

100 12.3 10.5 15.7

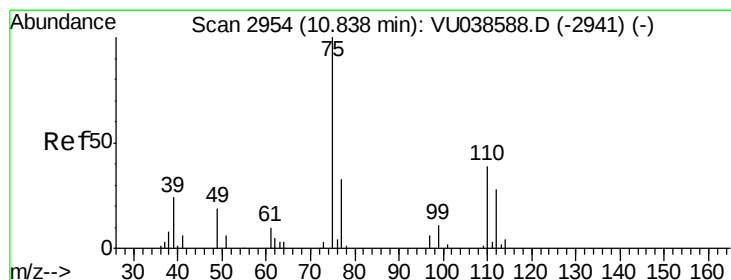
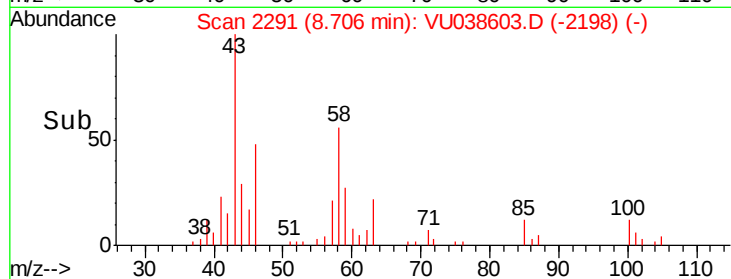
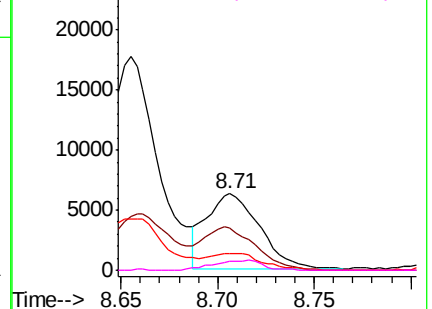


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#59

1,2,3-Trichloropropane

Concen: 1.176 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038603.D

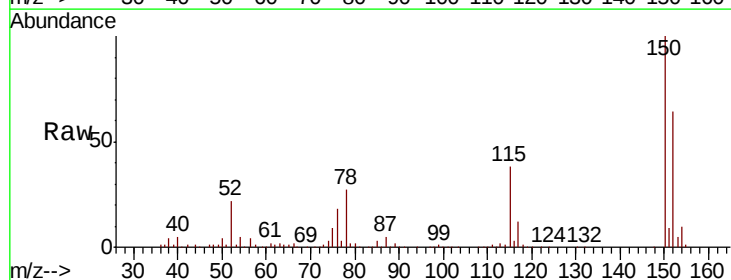
Acq: 06 Jun 2020 05:36

Tgt Ion: 75 Resp: 18795

Ion Ratio Lower Upper

75 100

77 36.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

