

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038655.D
 Acq On : 07 Jun 2020 07:06
 Operator : SY/MD
 Sample : L2911-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D68

Quant Time: Jun 08 03:04:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 08 02:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	314570	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	310188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148897	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87468	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.93	69	76775	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.59	63	140290	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.67	46	353617	57.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.36%
24) Chloroform-d	5.10	84	196316	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.74	65	114739	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.76	84	399846	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.72	67	124663	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.92	98	331785	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.20	79	45984	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.65	63	296105	58.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110832	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	140336	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

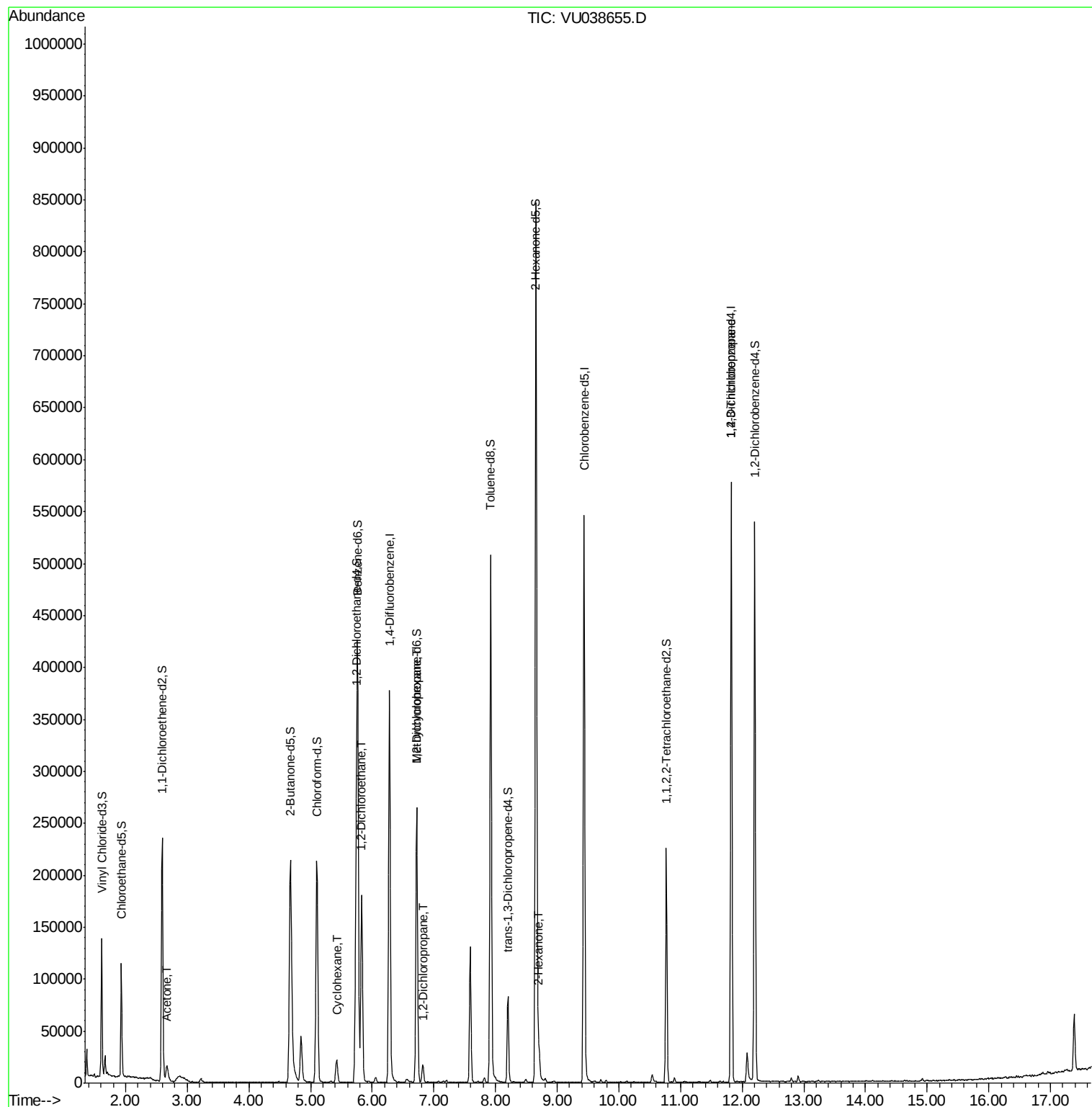
					Ovalue
13) Acetone	2.67	43	26375	6.516	ug/L 100
27) 1,2-Dichloroethane	5.83	62	148829	5.570	ug/L 98
30) Cyclohexane	5.43	56	10605	0.308	ug/L 93
35) Methylcyclohexane	6.72	83	29069	0.836	ug/L # 17
37) 1,2-Dichloropropane	6.82	63	6193	0.285	ug/L 99
48) 2-Hexanone	8.70	43	12916	1.096	ug/L 98
59) 1,2,3-Trichloropropane	11.82	75	18404	1.133	ug/L 90

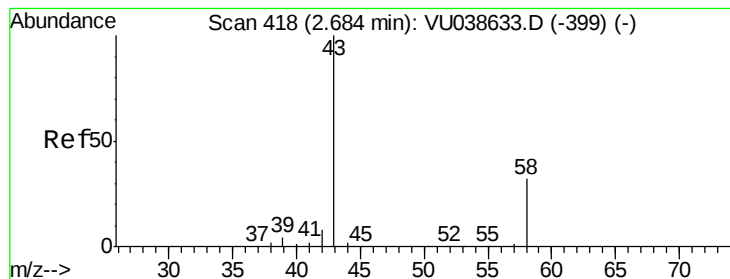
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.516 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038655.D

Acq: 07 Jun 2020 07:06

Instrument :

MSVOA_U

ClientSampleId :

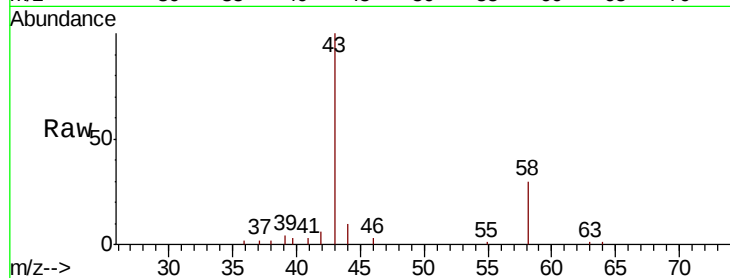
F9D68

Tot Ion: 43 Resp: 26375

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038633.D (-399) (-)

2.67

12000

10000

8000

6000

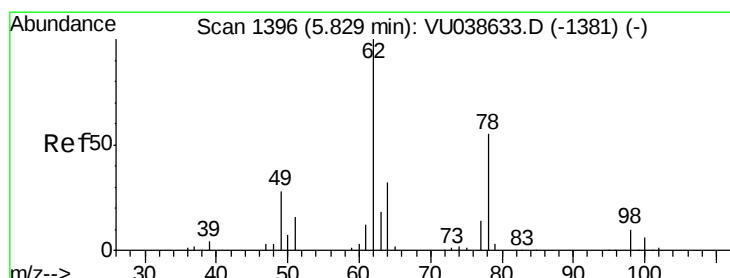
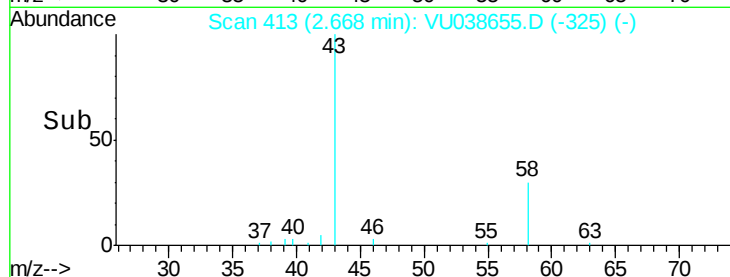
4000

2000

0

Time-->

2.60 2.70 2.80



#27

1,2-Dichloroethane

Concen: 5.570 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038655.D

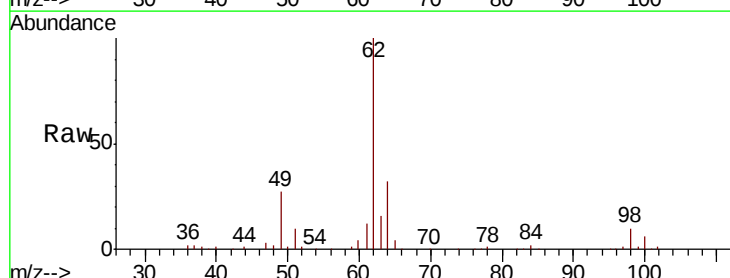
Acq: 07 Jun 2020 07:06

Tgt Ion: 62 Resp: 148829

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038633.D (-1381) (-)

Ion 98.05 (97.75 to 98.75): VU038633.D (-1381) (-)

5.83

80000

60000

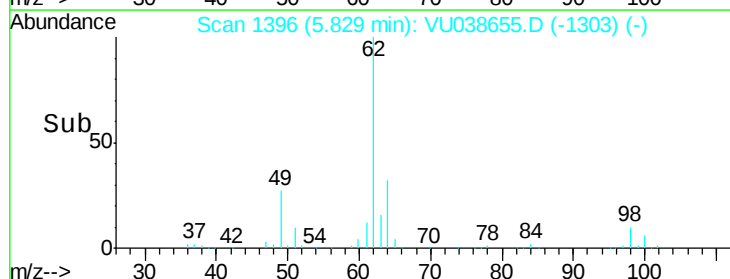
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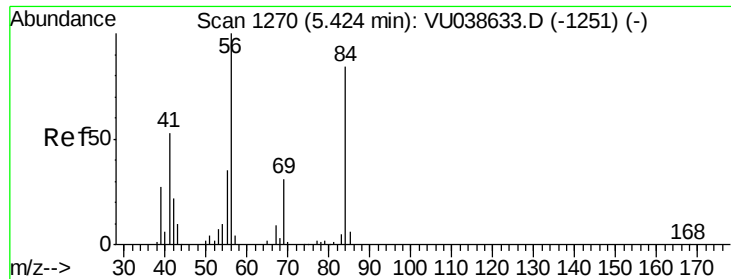
20000

0

Time-->

5.75 5.80 5.85 5.90

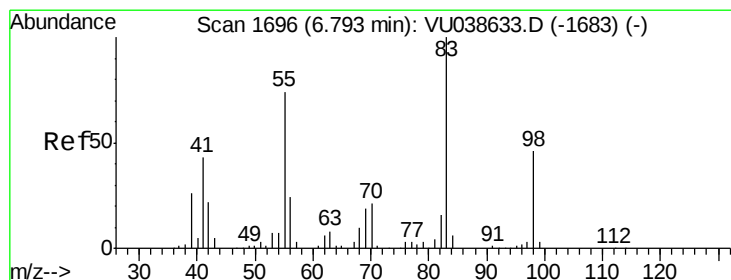
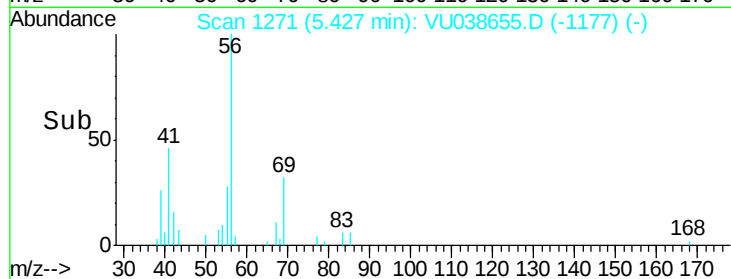
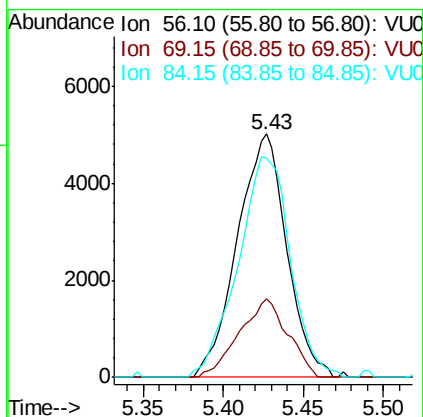
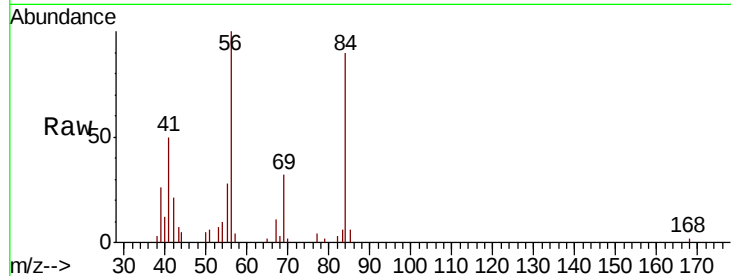




#30
Cyclohexane
Concen: 0.308 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038655.D
Acq: 07 Jun 2020 07:06

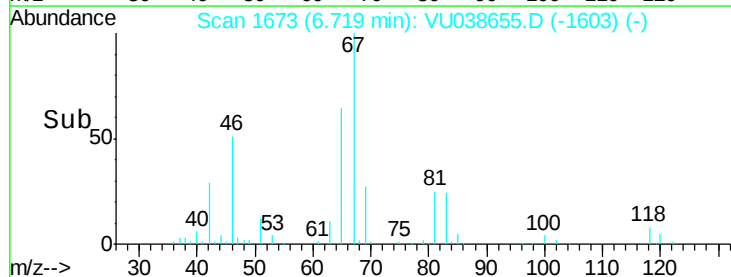
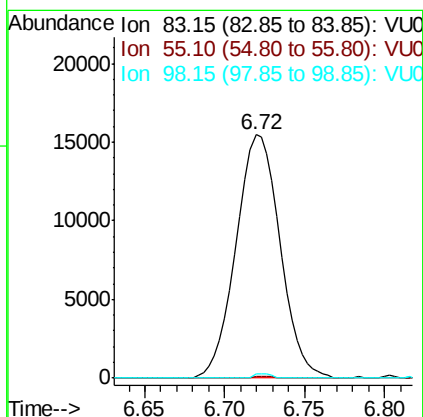
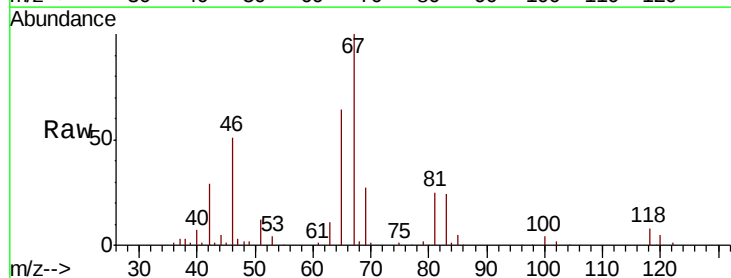
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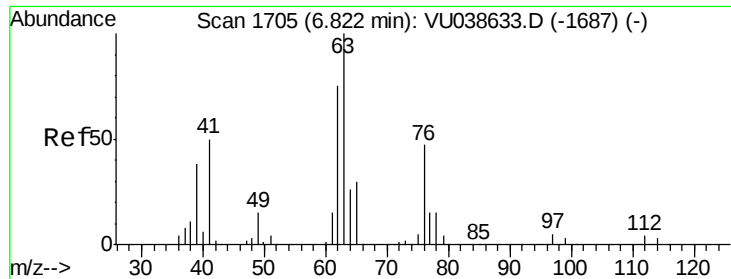
Tot Ion	56	Resp	10605
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.2	36.4
84	96.3	70.8	106.2



#35
Methylcyclohexane
Concen: 0.836 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038655.D
Acq: 07 Jun 2020 07:06

Tgt Ion	83	Resp	29069
Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.4	95.2#
98	0.6	39.0	58.4#

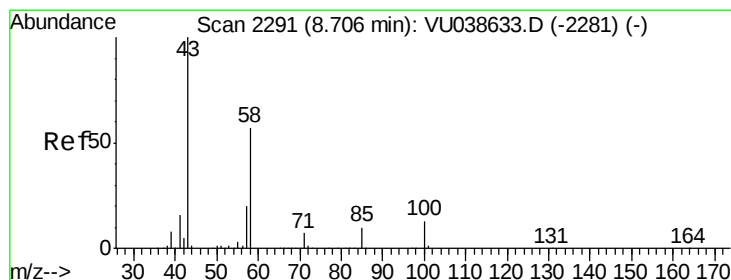
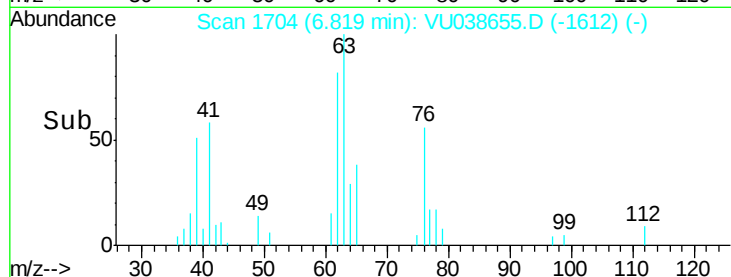
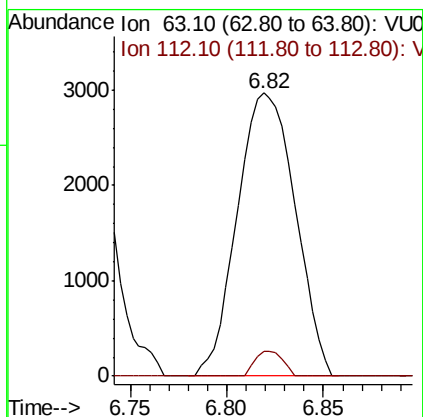
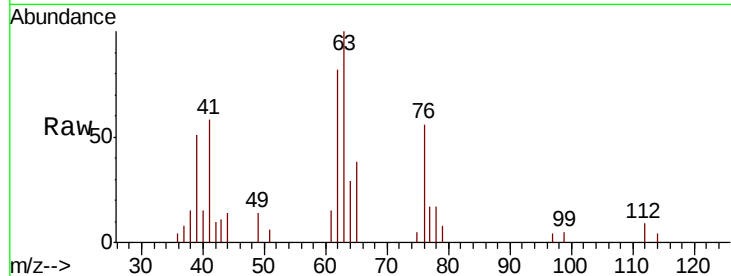




#37
 1,2-Dichloropropane
 Concen: 0.285 ug/L
 RT: 6.82 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: VU038655.D
 Acq: 07 Jun 2020 07:06

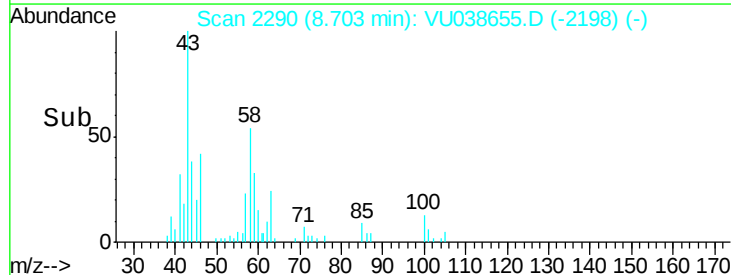
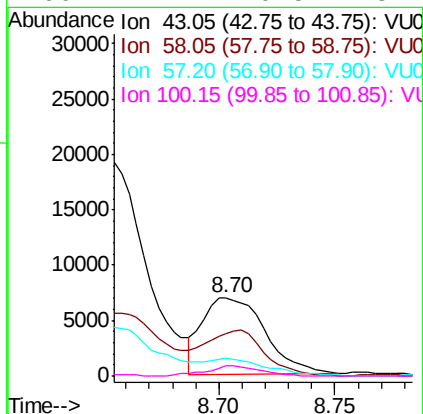
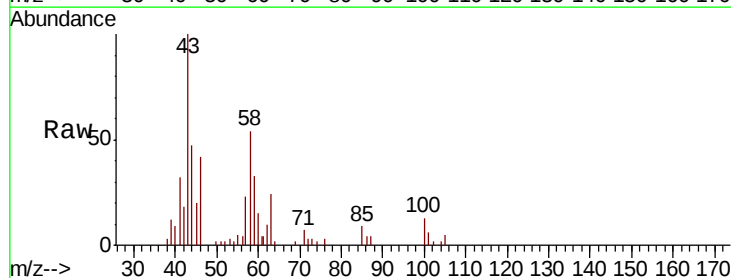
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 MSVOA_U
 ClientSampled :
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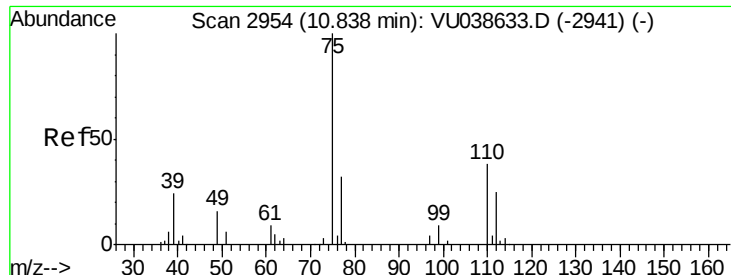
Tot Ion: 63 Resp: 6193
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.7 5.5



#48
 2-Hexanone
 Concen: 1.096 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU038655.D
 Acq: 07 Jun 2020 07:06

Tgt Ion: 43 Resp: 12916
 Ion Ratio Lower Upper
 43 100
 58 56.9 45.4 68.0
 57 22.8 15.9 23.9
 100 11.4 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 1.133 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038655.D

Acq: 07 Jun 2020 07:06

Instrument :

MSVOA_U

ClientSampleId :

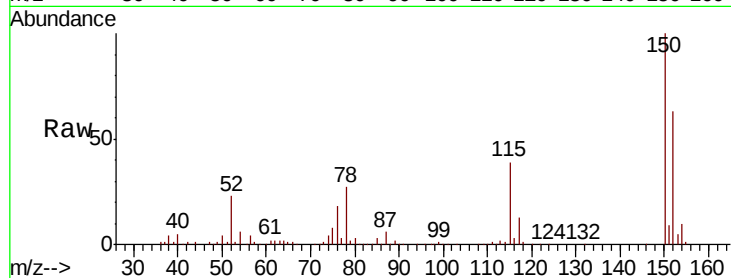
F9D68

Tot Ion: 75 Resp: 18404

Ion Ratio Lower Upper

75 100

77 37.4 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

