

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038867.D
 Acq On : 12 Jun 2020 22:59
 Operator : SY/MD
 Sample : L2975-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 02:56:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 02:52:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	262014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	261297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	120658	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64580	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.93	69	62359	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.59	63	109299	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.68	46	318950	71.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.32%#
24) Chloroform-d	5.10	84	173165	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.74	65	103973	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
32) Benzene-d6	5.76	84	320552	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.72	67	103427	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.20%
41) Toluene-d8	7.92	98	256658	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.20	79	36836	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.66	63	259823	72.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	144.18%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97422	6.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.00%#
64) 1,2-Dichlorobenzene-d4	12.20	152	110108	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

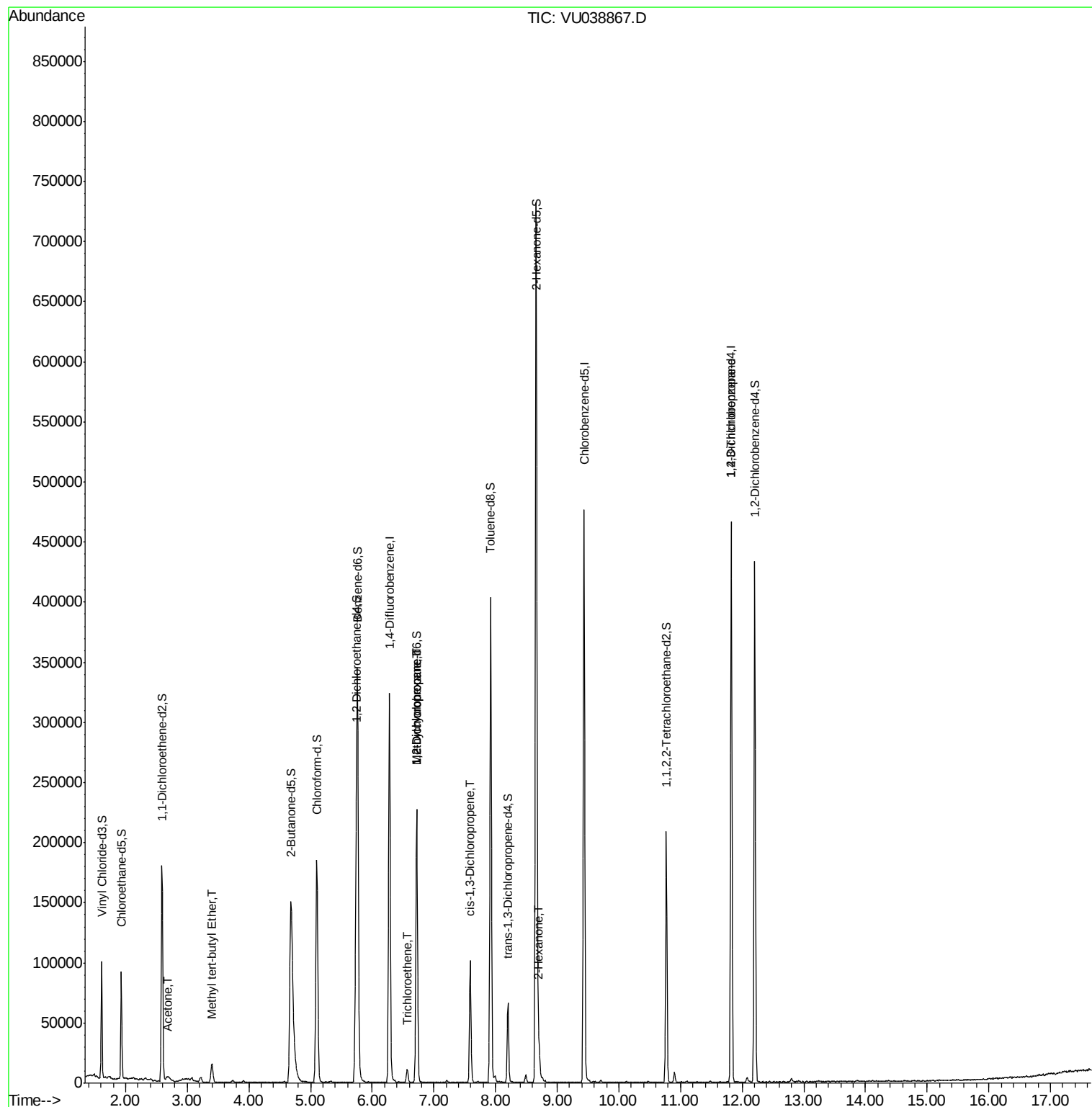
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	4391	1.208	ug/L	62
17) Methyl tert-butyl Ether	3.40	73	17745	0.375	ug/L	98
34) Trichloroethene	6.56	95	3322	0.161	ug/L	77
35) Methylcyclohexane	6.72	83	25451	0.794	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11985	0.603	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2714	0.092	ug/L #	68
48) 2-Hexanone	8.71	43	9550	0.934	ug/L	94
59) 1,2,3-Trichloropropane	11.82	75	14145	0.959	ug/L	89

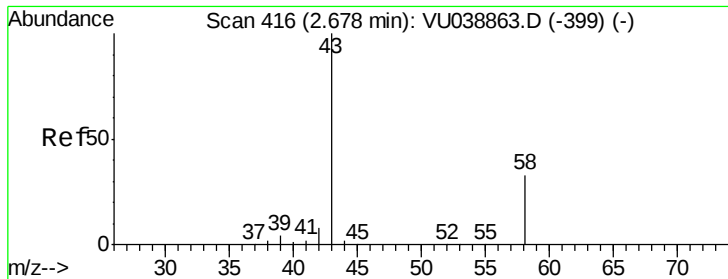
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 13 02:52:53 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.208 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

Lab File: VU038867.D

Acq: 12 Jun 2020 22:59

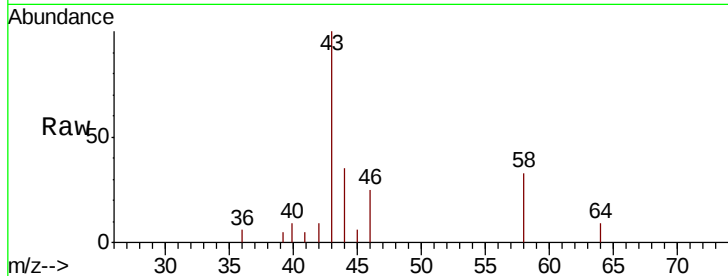
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 4391

Ion Ratio Lower Upper

43 100

58 11.3 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU038863.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038863.D (-399) (-)

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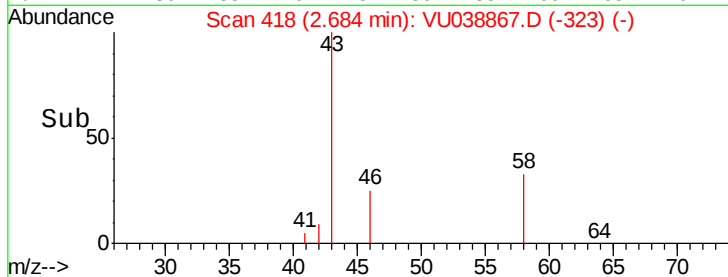
2.68

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#17

Methyl tert-butyl Ether

Concen: 0.375 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038867.D

Acq: 12 Jun 2020 22:59

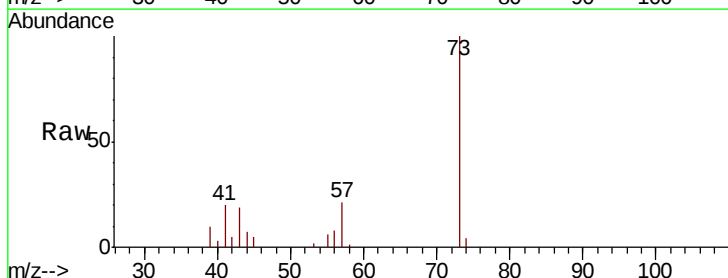
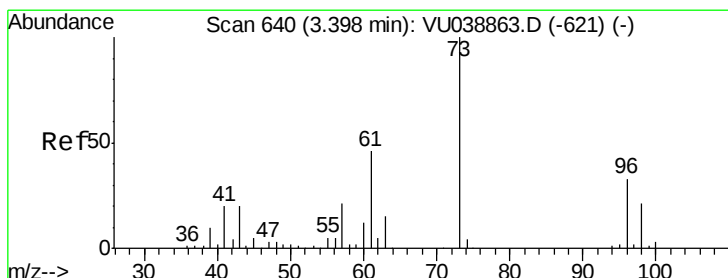
Tgt Ion: 73 Resp: 17745

Ion Ratio Lower Upper

73 100

43 22.0 15.9 23.9

57 22.1 17.5 26.3



Abundance Ion 73.10 (72.80 to 73.80): VU038863.D (-621) (-)

Ion 43.05 (42.75 to 43.75): VU038863.D (-621) (-)

Ion 57.10 (56.80 to 57.80): VU038863.D (-621) (-)

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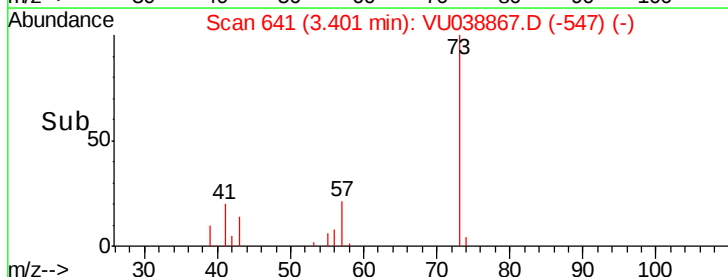
3.40

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3.40



#17

Methyl tert-butyl Ether

Concen: 0.375 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038867.D

Acq: 12 Jun 2020 22:59

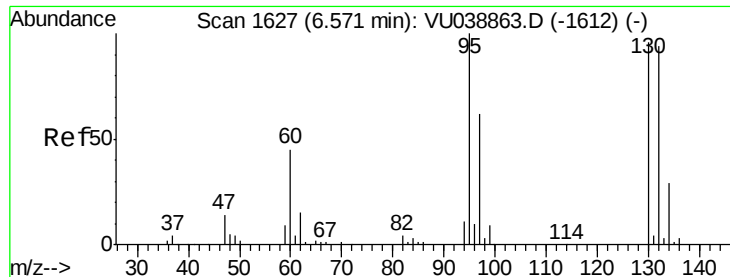
Tgt Ion: 73 Resp: 17745

Ion Ratio Lower Upper

73 100

43 22.0 15.9 23.9

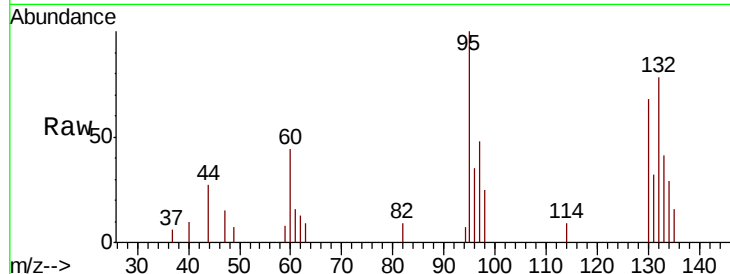
57 22.1 17.5 26.3



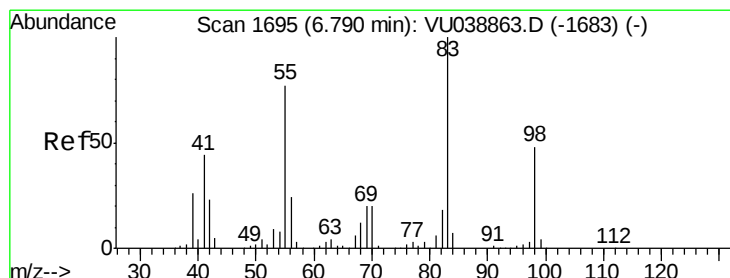
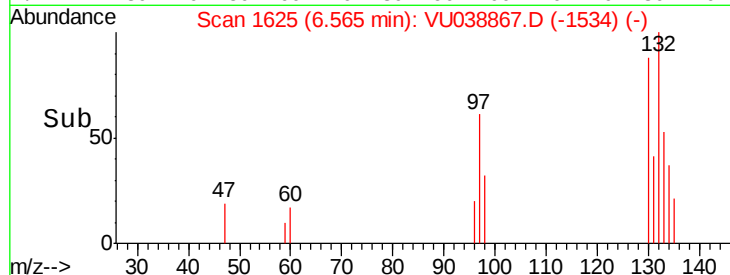
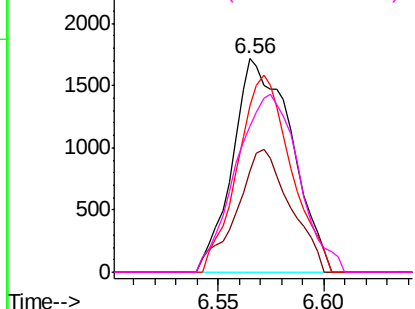
#34
 Trichloroethene
 Concen: 0.161 ug/L
 RT: 6.56 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: VU038867.D
 Acq: 12 Jun 2020 22:59

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 3322
 Ion Ratio Lower Upper
 95 100
 97 47.6 46.1 85.5
 132 77.7 67.5 125.3
 130 68.4 66.7 123.9

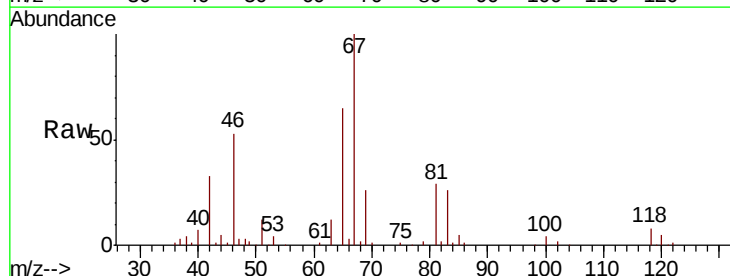


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

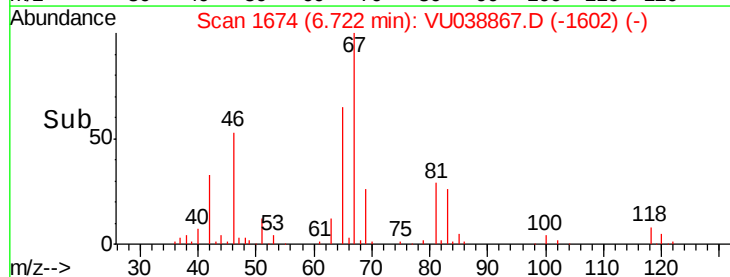
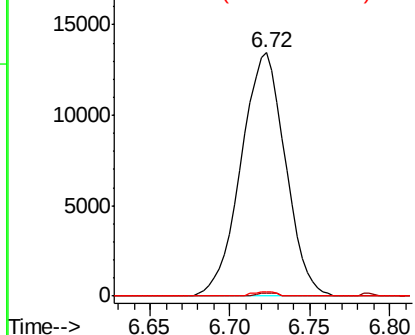


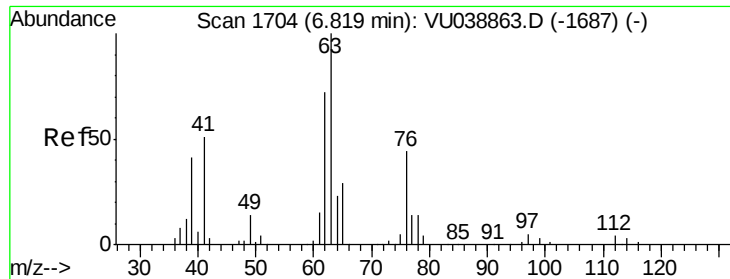
#35
 Methylcyclohexane
 Concen: 0.794 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU038867.D
 Acq: 12 Jun 2020 22:59

Tgt Ion: 83 Resp: 25451
 Ion Ratio Lower Upper
 83 100
 55 0.6 64.2 96.2#
 98 0.9 40.5 60.7#



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

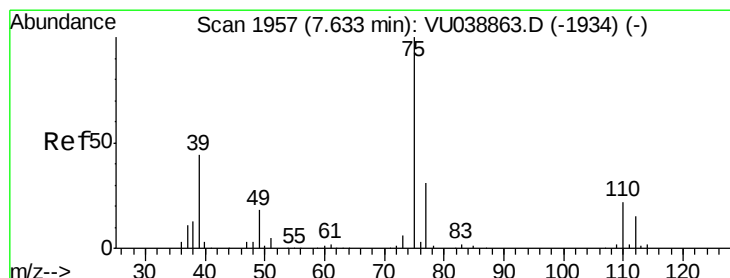
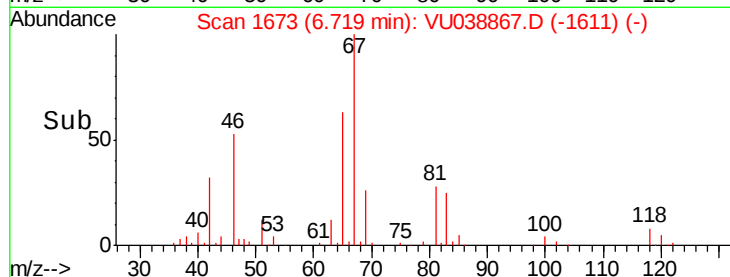
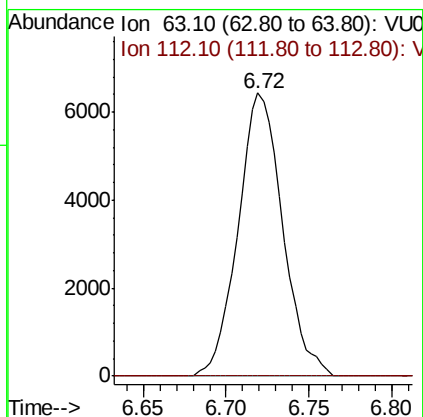
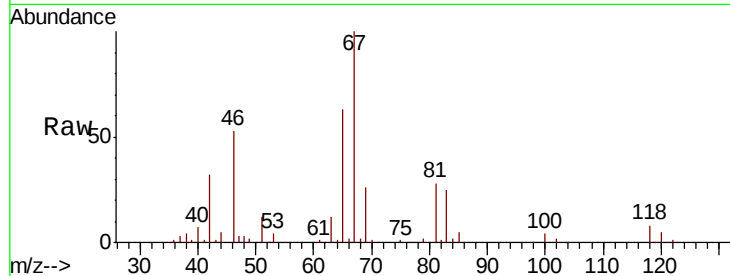




#37
 1,2-Dichloropropane
 Concen: 0.603 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038867.D
 Acq: 12 Jun 2020 22:59

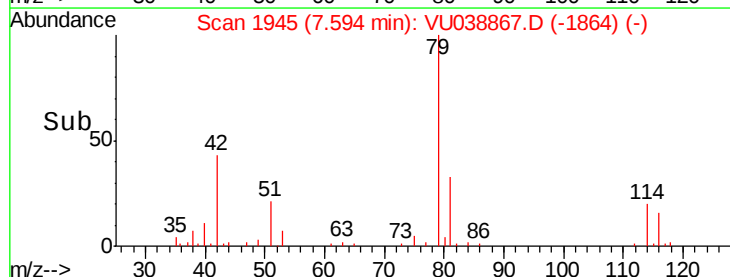
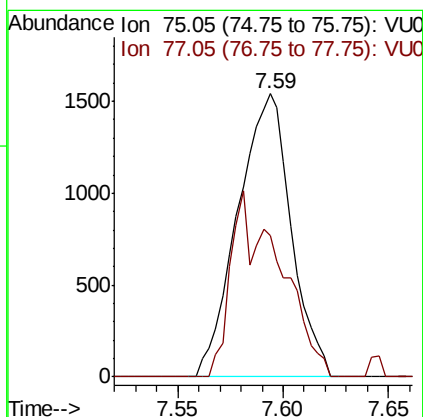
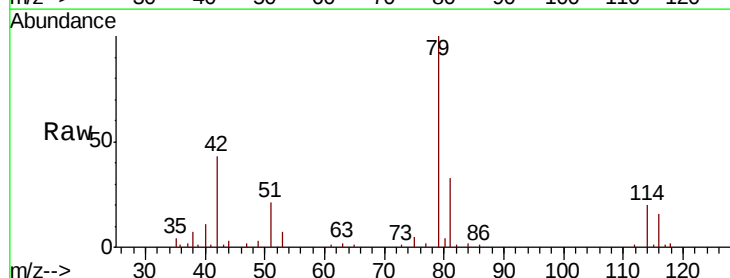
Instrument :
 MSVOA_U
 ClientSampleId :

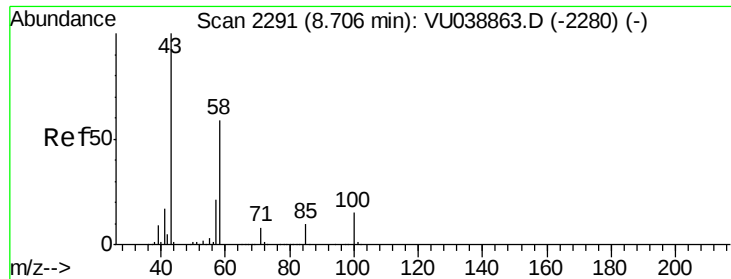
Tot Ion: 63 Resp: 11985
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038867.D
 Acq: 12 Jun 2020 22:59

Tgt Ion: 75 Resp: 2714
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.4 41.6#

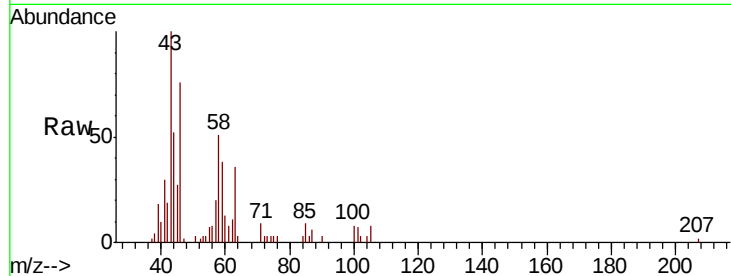




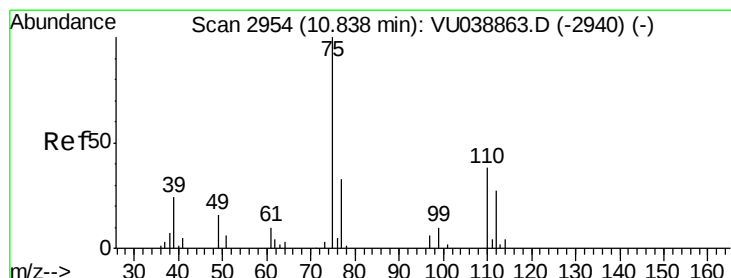
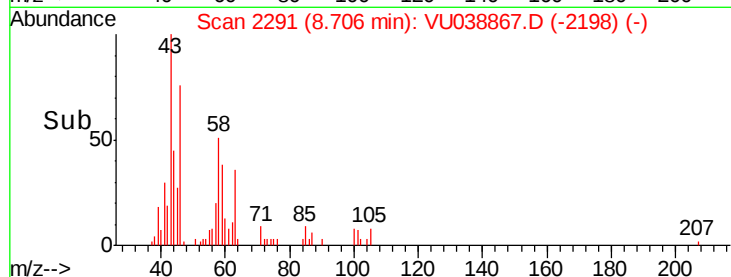
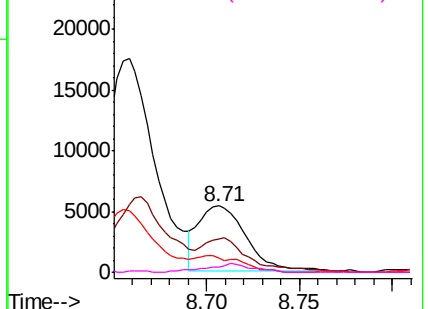
#48
2-Hexanone
Concen: 0.934 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038867.D
Acq: 12 Jun 2020 22:59

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 9550
Ion Ratio Lower Upper
43 100
58 52.0 44.8 67.2
57 24.2 16.2 24.2
100 12.7 10.6 16.0

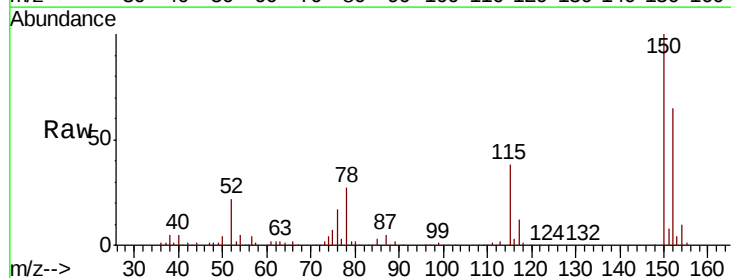


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.959 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038867.D
Acq: 12 Jun 2020 22:59

Tgt Ion: 75 Resp: 14145
Ion Ratio Lower Upper
75 100
77 38.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

