

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038875.D
 Acq On : 13 Jun 2020 02:04
 Operator : SY/MD
 Sample : VIBLK35
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 02:57:40 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	266088	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	266410	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	121873	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63833	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.93	69	61587	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.59	63	103757	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.68	46	309995	68.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.22%#
24) Chloroform-d	5.10	84	172953	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.74	65	104112	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.76	84	321158	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.72	67	103169	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.92	98	256252	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.20	79	36235	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.66	63	259827	70.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	141.40%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97505	5.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	113013	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

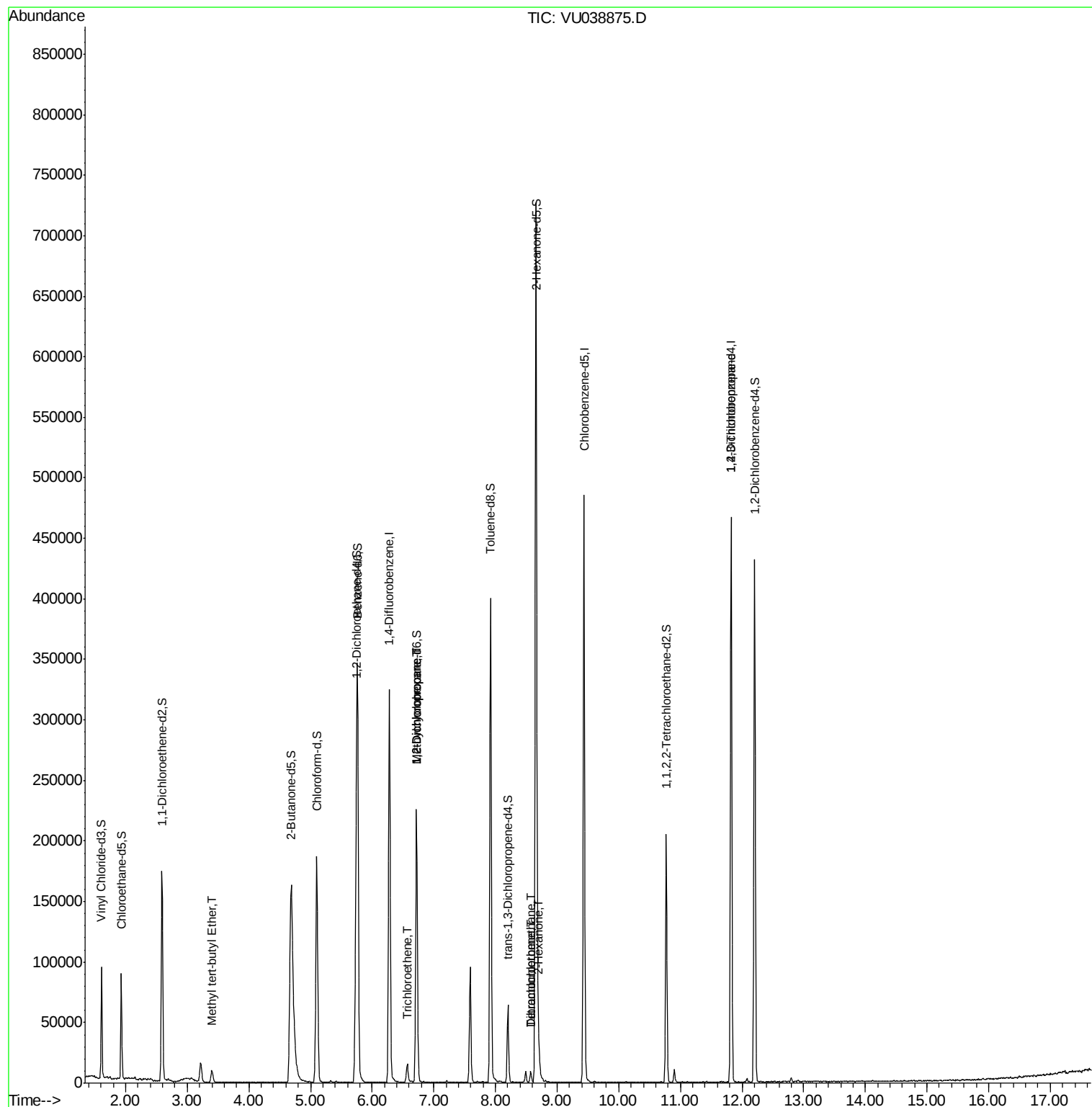
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	10442	0.217 ug/L #	85
34) Trichloroethene	6.57	95	4535	0.216 ug/L	92
35) Methylcyclohexane	6.72	83	25711	0.787 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11655	0.575 ug/L #	86
47) Tetrachloroethene	8.57	164	2051	0.127 ug/L	96
48) 2-Hexanone	8.70	43	9521	0.913 ug/L #	83
49) Dibromochloromethane	8.57	129	2050	0.119 ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	15268	1.015 ug/L #	87

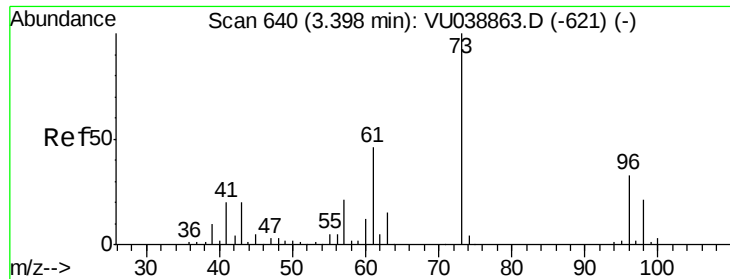
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 13 02:57:40 2020
Quant Method : Z:\V0ASRV\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

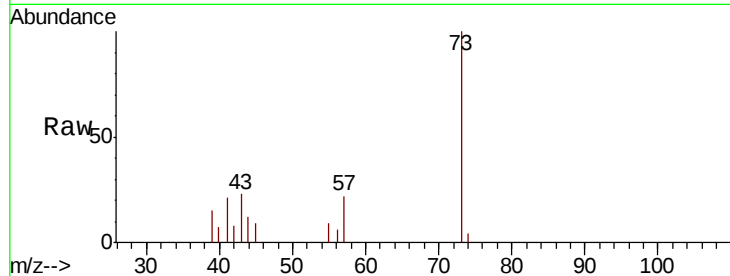




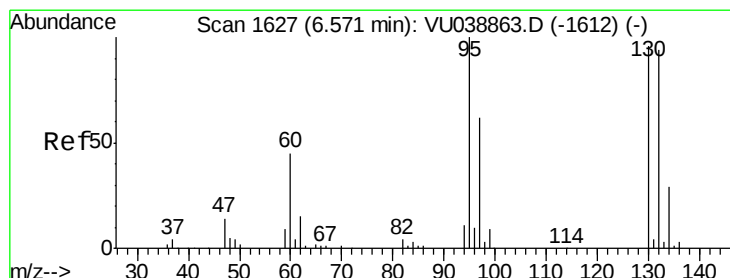
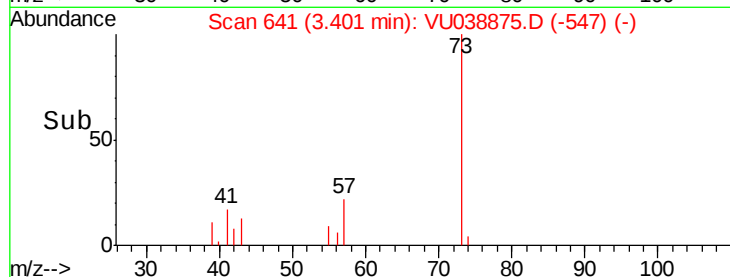
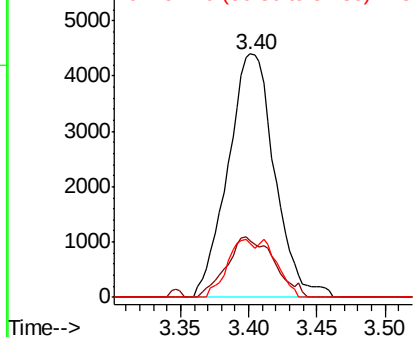
#17
Methvl tert-butvl Ether
Concen: 0.217 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU038875.D
Acq: 13 Jun 2020 02:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 10442
Ion Ratio Lower Upper
73 100
43 25.4 15.9 23.9#
57 13.8 17.5 26.3#

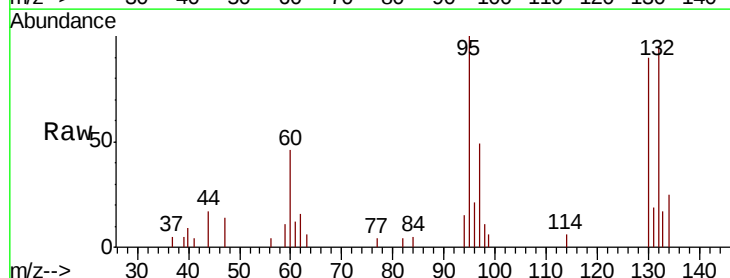


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

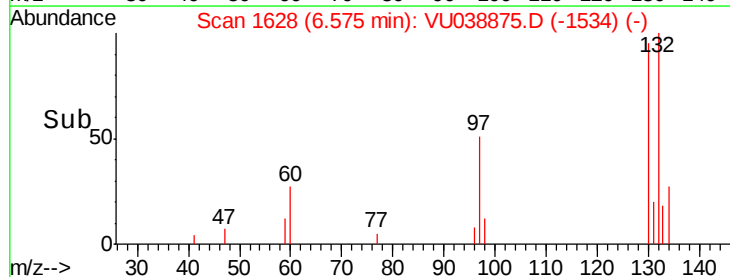
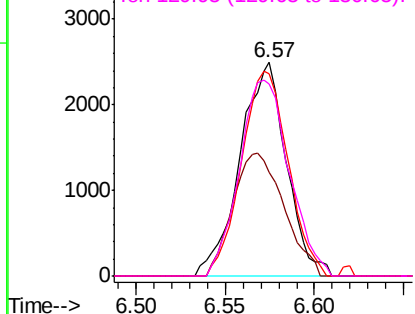


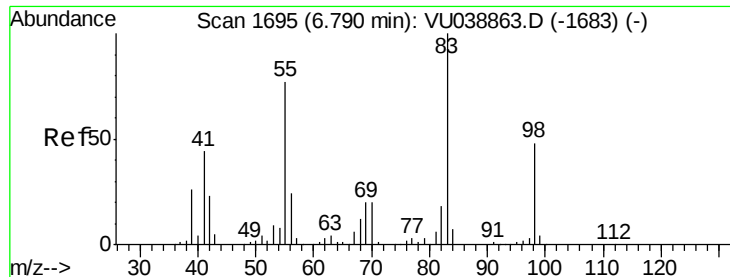
#34
Trichloroethene
Concen: 0.216 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU038875.D
Acq: 13 Jun 2020 02:04

Tgt Ion: 95 Resp: 4535
Ion Ratio Lower Upper
95 100
97 48.5 46.1 85.5
132 94.6 67.5 125.3
130 89.7 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

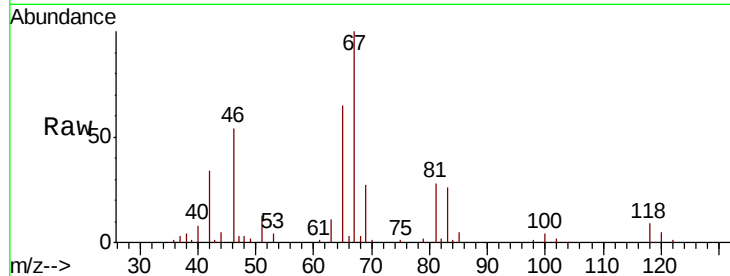




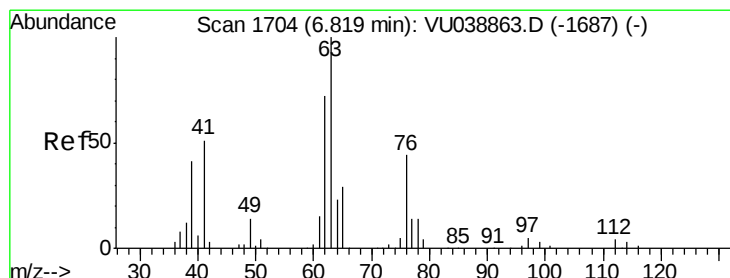
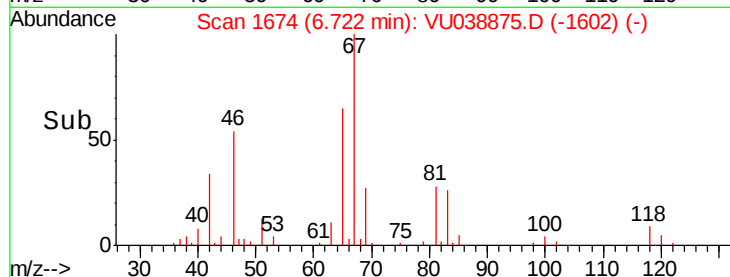
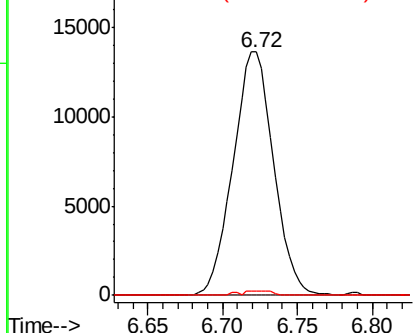
#35
Methvlcvclohexane
Concen: 0.787 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038875.D
Acq: 13 Jun 2020 02:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 25711
Ion Ratio Lower Upper
83 100
55 0.0 64.2 96.2#
98 1.2 40.5 60.7#

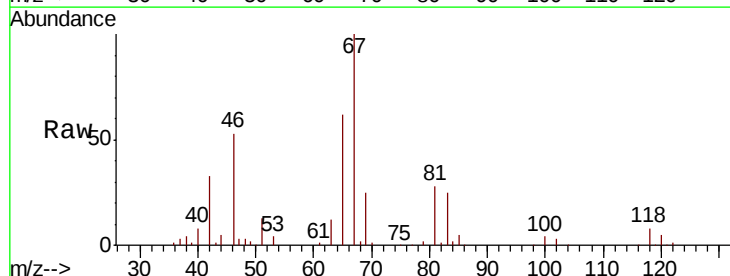


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

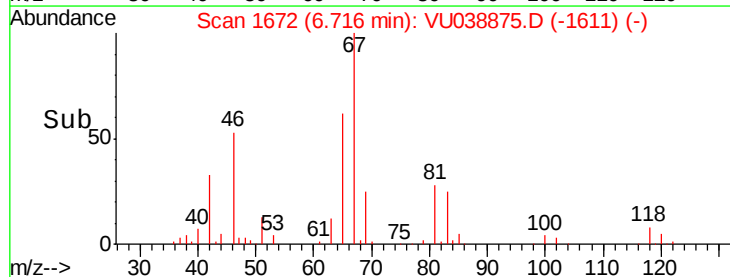
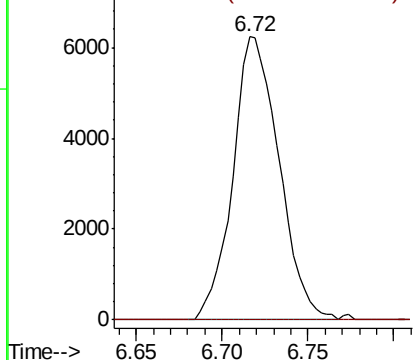


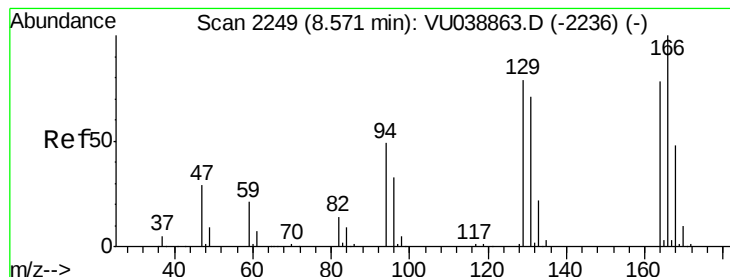
#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.72 min Scan# 1672
Delta R.T. -0.10 min
Lab File: VU038875.D
Acq: 13 Jun 2020 02:04

Tgt Ion: 63 Resp: 11655
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 0.127 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038875.D

Acq: 13 Jun 2020 02:04

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 2051

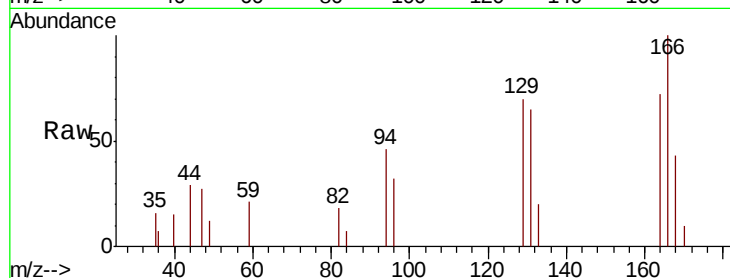
Ion Ratio Lower Upper

164 100

129 97.2 67.3 124.9

131 89.7 65.0 120.6

166 139.0 91.0 169.0

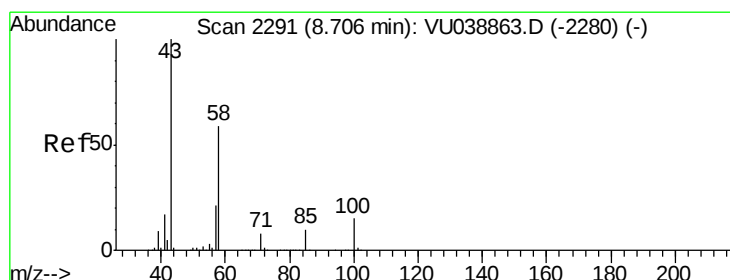
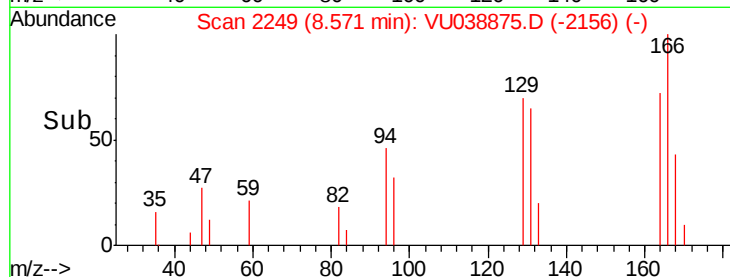
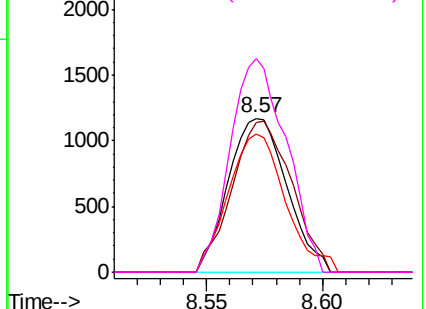


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 0.913 ug/L

RT: 8.70 min Scan# 2290

Delta R.T. -0.00 min

Lab File: VU038875.D

Acq: 13 Jun 2020 02:04

Tgt Ion: 43 Resp: 9521

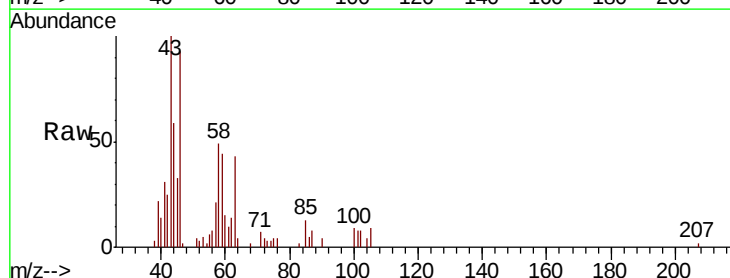
Ion Ratio Lower Upper

43 100

58 48.6 44.8 67.2

57 0.0 16.2 24.2#

100 11.4 10.6 16.0

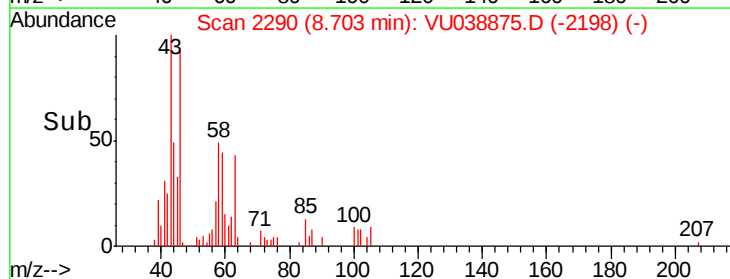
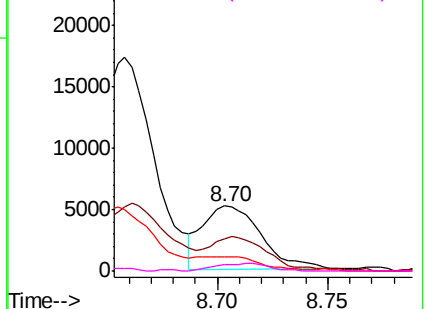


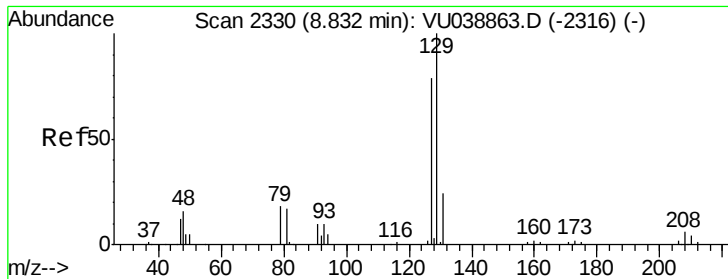
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

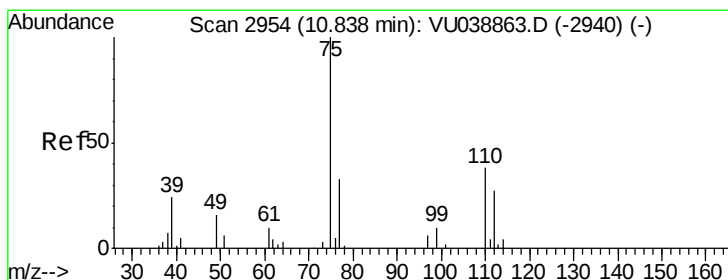
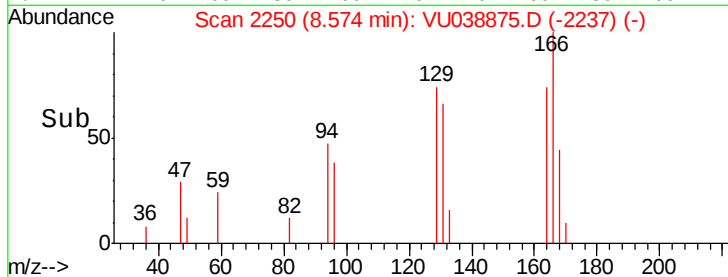
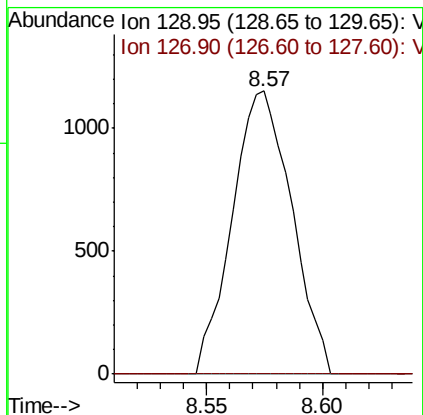
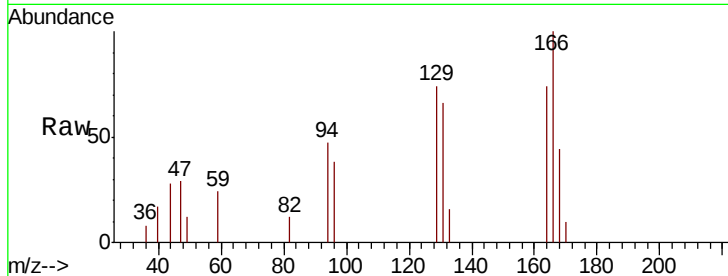




#49
 Dibromochloromethane
 Concen: 0.119 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.26 min
 Lab File: VU038875.D
 Acq: 13 Jun 2020 02:04

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 2050
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.5 103.1#



#59
 1,2,3-Trichloropropane
 Concen: 1.015 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038875.D
 Acq: 13 Jun 2020 02:04

Tgt Ion: 75 Resp: 15268
 Ion Ratio Lower Upper
 75 100
 77 39.4 25.8 38.8#

