

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038412.D
 Acq On : 30 May 2020 14:39
 Operator : JC/MD
 Sample : VU0530WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 02:39:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 02:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	335743	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	325960	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101986	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	80450	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	63	152194	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.68	46	322628	48.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.76%
24) Chloroform-d	5.10	84	188282	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.74	65	111530	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.76	84	391772	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.72	67	116209	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.92	98	340811	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.20	79	48519	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.66	63	271779	51.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.28%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99298	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	132859	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

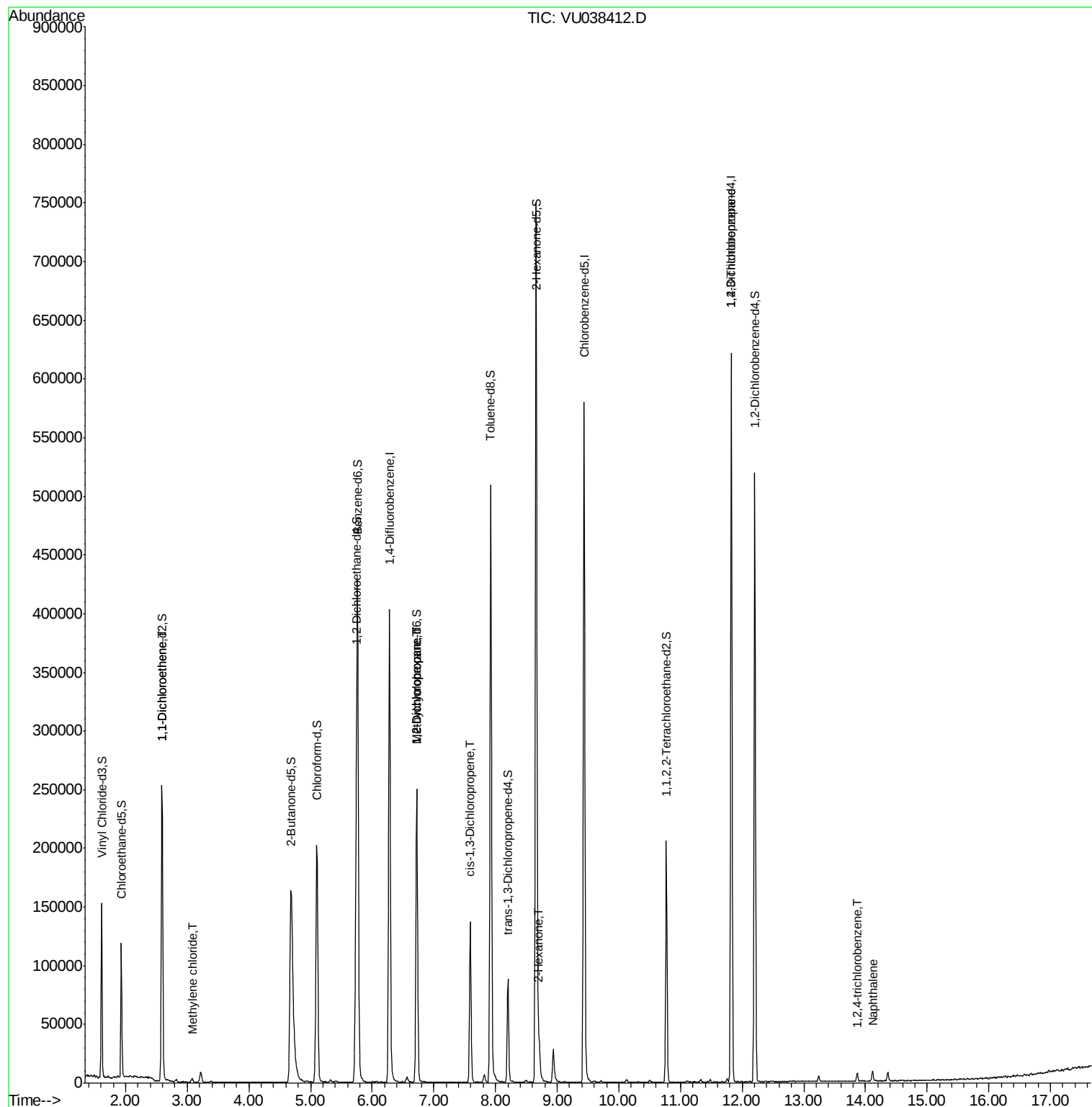
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1446	0.070 ug/L #	1
16) Methylene chloride	3.09	84	1614	0.069 ug/L #	70
35) Methylcyclohexane	6.72	83	28490	0.780 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12652	0.553 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3411	0.101 ug/L #	73
48) 2-Hexanone	8.71	43	16739	1.351 ug/L #	91
59) 1,2,3-Trichloropropane	11.83	75	20053	1.175 ug/L	89
68) 1,2,4-trichlorobenzene	13.87	180	2756	0.085 ug/L #	91
69) Naphthalene	14.11	128	7566	0.117 ug/L #	94

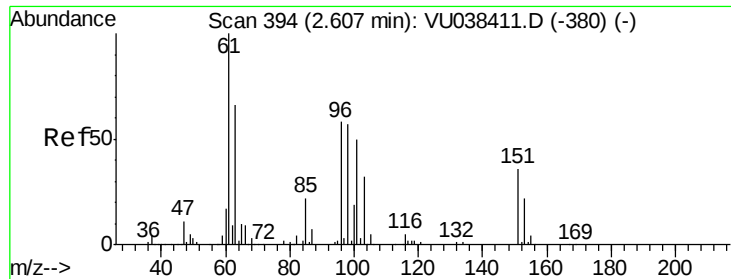
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 30 May 2020 14:39
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
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Quant Time: Jun 01 02:39:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 02:37:32 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038412.D

Acq: 30 May 2020 14:39

Instrument :

MSVOA_U

ClientSampled :

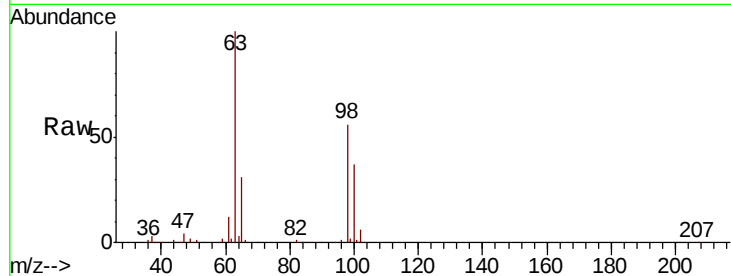
Tot Ion: 96 Resp: 1446

Ion Ratio Lower Upper

96 100

61 1155.0 119.9 222.7#

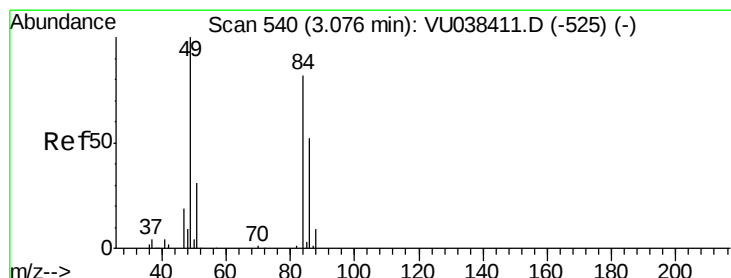
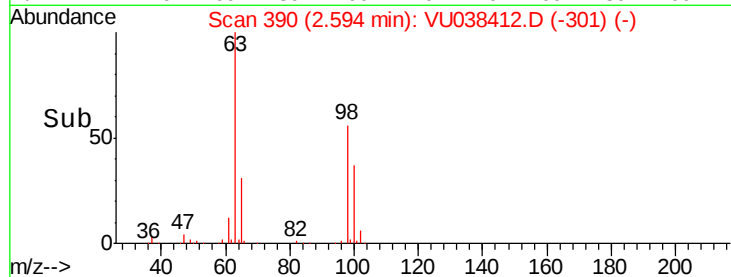
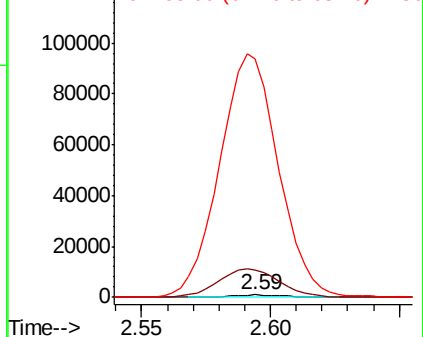
63 9854.6 89.9 167.0#



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



#16

Methylene chloride

Concen: 0.069 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU038412.D

Acq: 30 May 2020 14:39

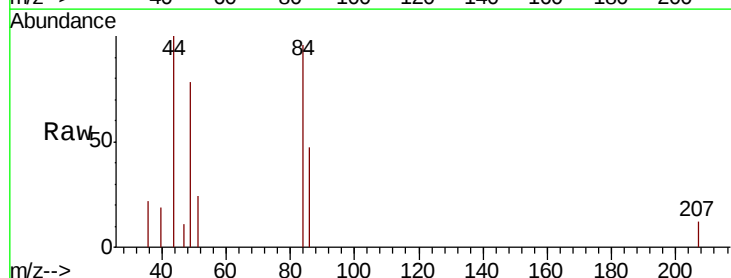
Tgt Ion: 84 Resp: 1614

Ion Ratio Lower Upper

84 100

86 49.0 45.0 83.6

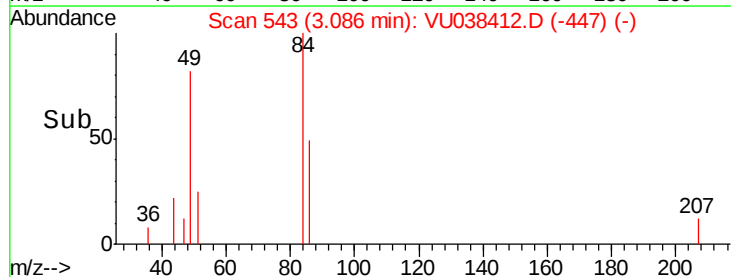
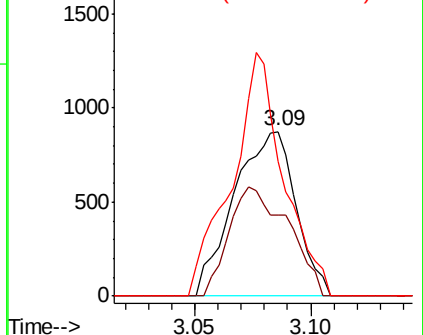
49 81.6 85.5 158.9#

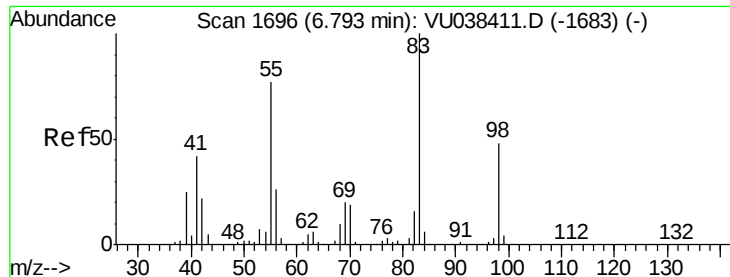


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

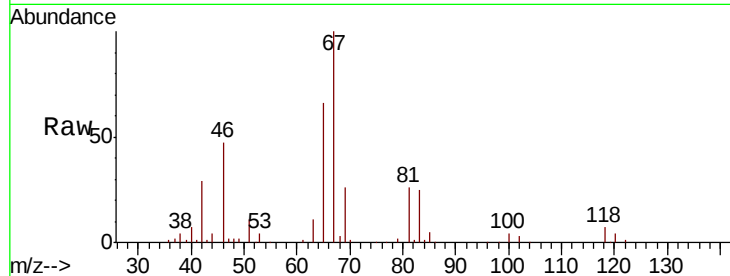




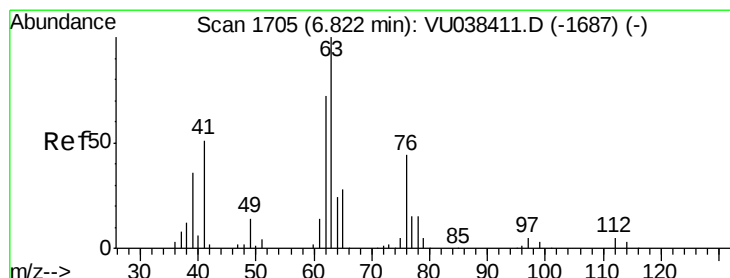
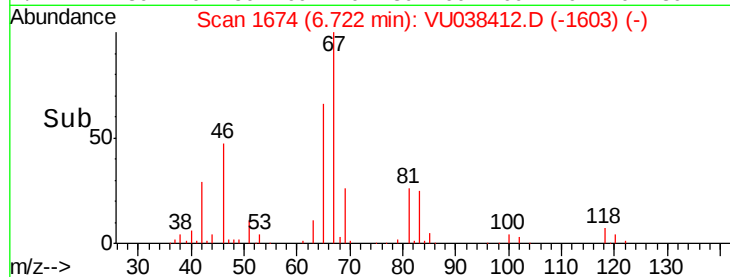
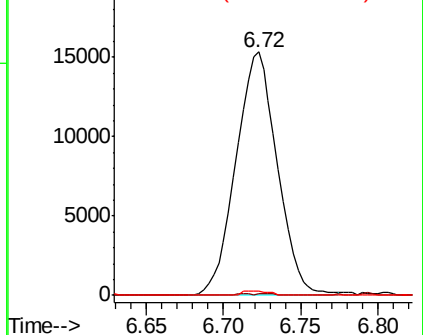
#35
Methvlcvclohexane
Concen: 0.780 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038412.D
Acq: 30 May 2020 14:39

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 28490
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 0.0 39.0 58.4#

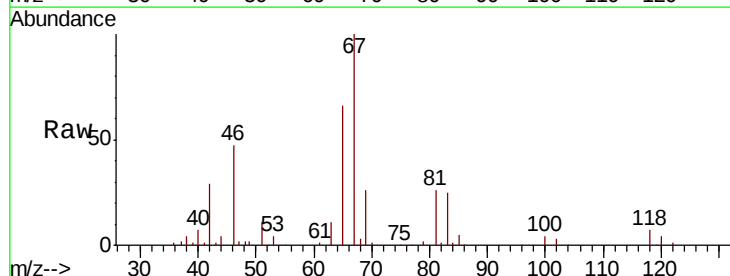


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

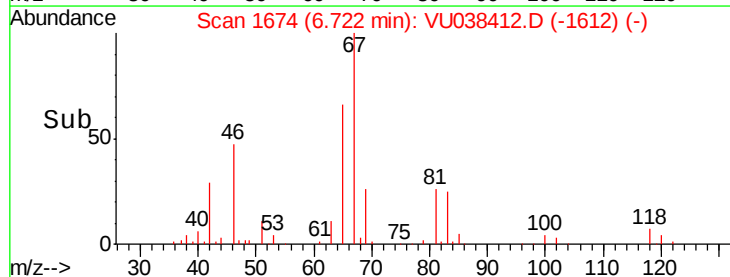
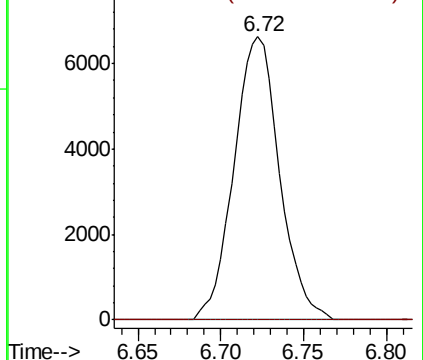


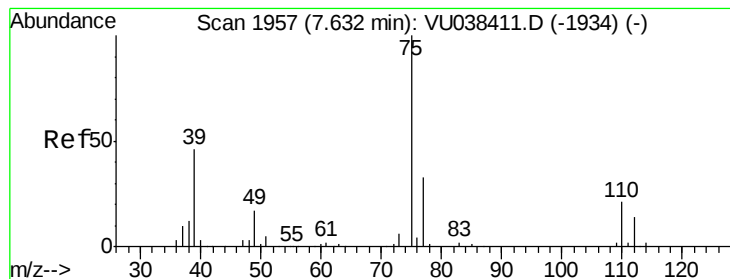
#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038412.D
Acq: 30 May 2020 14:39

Tgt Ion: 63 Resp: 12652
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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



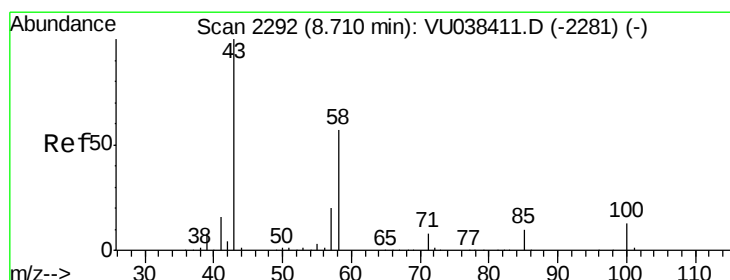
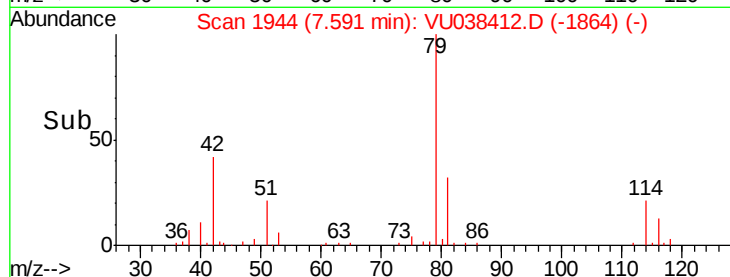
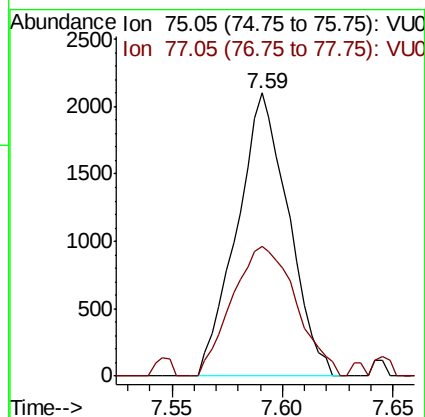
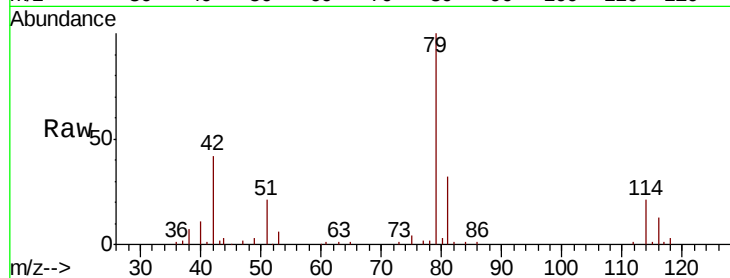


#39

cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038412.D
 Acq: 30 May 2020 14:39

Instrument :
 MSVOA_U
 ClientSampleId :

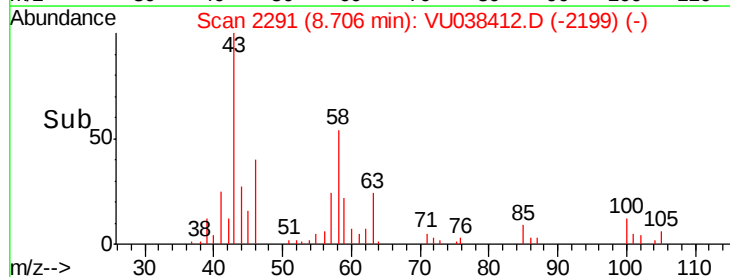
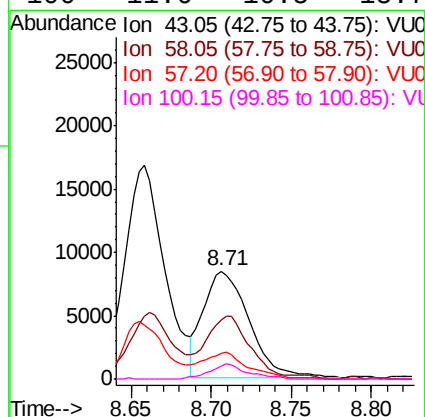
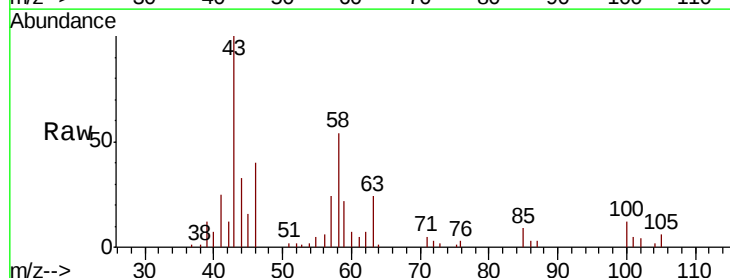
Tot Ion: 75 Resp: 3411
 Ion Ratio Lower Upper
 75 100
 77 46.0 21.9 40.7#

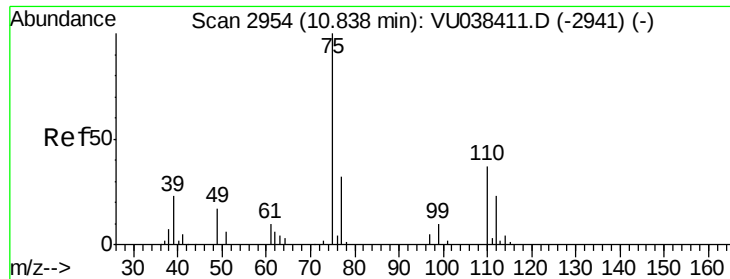


#48

2-Hexanone
 Concen: 1.351 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038412.D
 Acq: 30 May 2020 14:39

Tgt Ion: 43 Resp: 16739
 Ion Ratio Lower Upper
 43 100
 58 51.1 45.4 68.0
 57 26.4 15.9 23.9#
 100 11.6 10.5 15.7

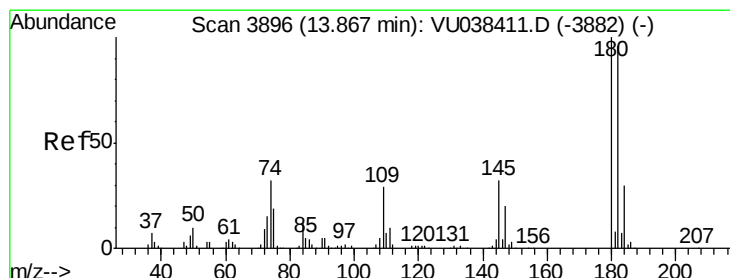
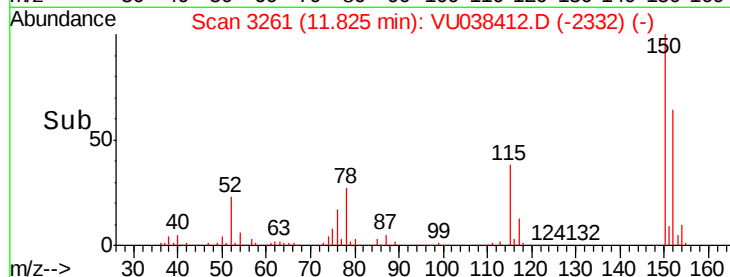
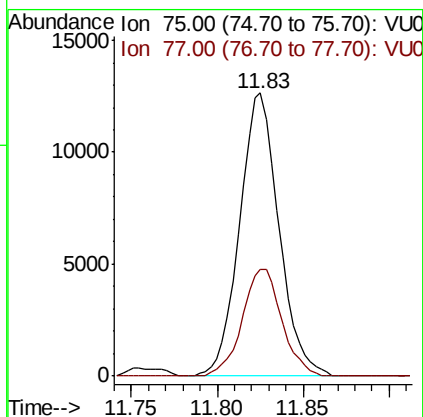
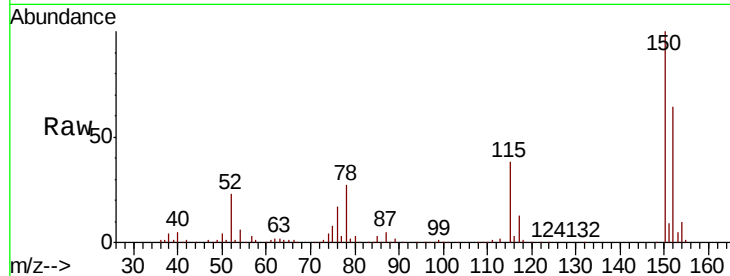




#59
 1,2,3-Trichloropropane
 Concen: 1.175 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU038412.D
 Acq: 30 May 2020 14:39

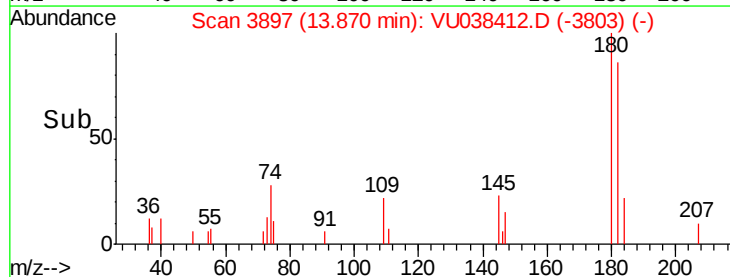
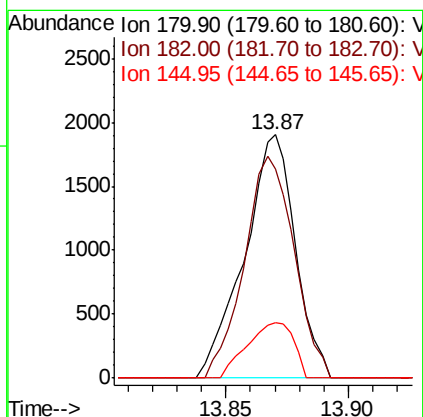
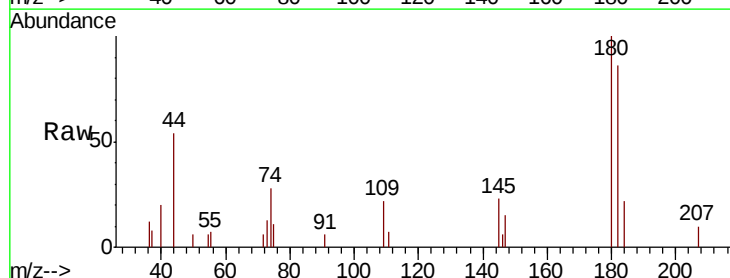
Instrument :
 MSVOA_U
 ClientSampleId :

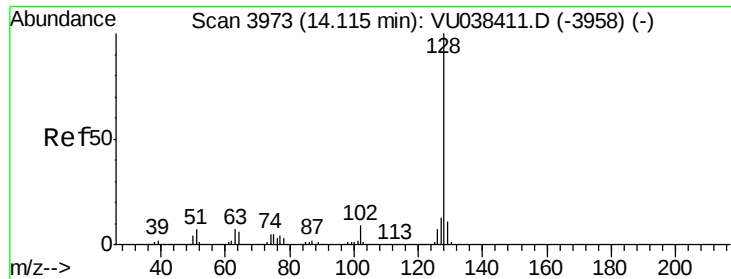
Tot Ion: 75 Resp: 20053
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.4 38.2



#68
 1,2,4-trichlorobenzene
 Concen: 0.085 ug/L
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.00 min
 Lab File: VU038412.D
 Acq: 30 May 2020 14:39

Tgt Ion:180 Resp: 2756
 Ion Ratio Lower Upper
 180 100
 182 89.0 75.8 113.8
 145 20.8 25.3 37.9#





#69

Naphthalene

Concen: 0.117 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.00 min

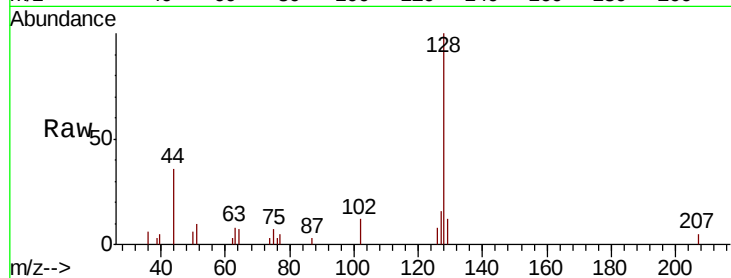
Lab File: VU038412.D

Acq: 30 May 2020 14:39

Instrument :

MSVOA_U

ClientSampleId :



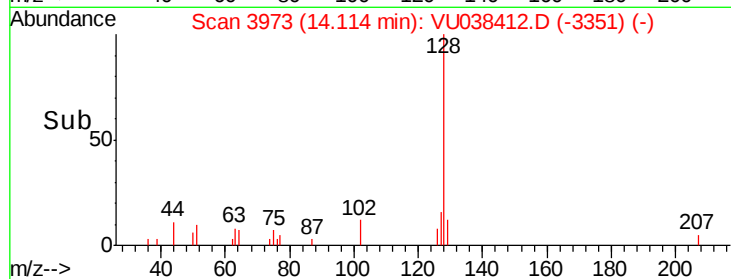
Tot Ion:128 Resp: 7566

Ion Ratio Lower Upper

128 100

129 9.6 8.9 13.3

127 15.8 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

