

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038951.D
 Acq On : 17 Jun 2020 18:02
 Operator : SY/MD
 Sample : L3040-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:10:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 04:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.32	114	258371	5.00	ug/L	0.04
28) Chlorobenzene-d5	9.44	117	257419	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131636	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.63	65	83389	4.65	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.95	69	71151	4.72	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.61	63	175879	4.84	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	4.81	46	277583	48.36	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.72%
24) Chloroform-d	5.16	84	184813	5.18	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.79	65	108838	5.29	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.81	84	345870	5.14	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.75	67	111085	5.34	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.94	98	282149	4.68	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.22	79	46176	4.84	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.67	63	256494	51.08	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	100592	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	133289	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

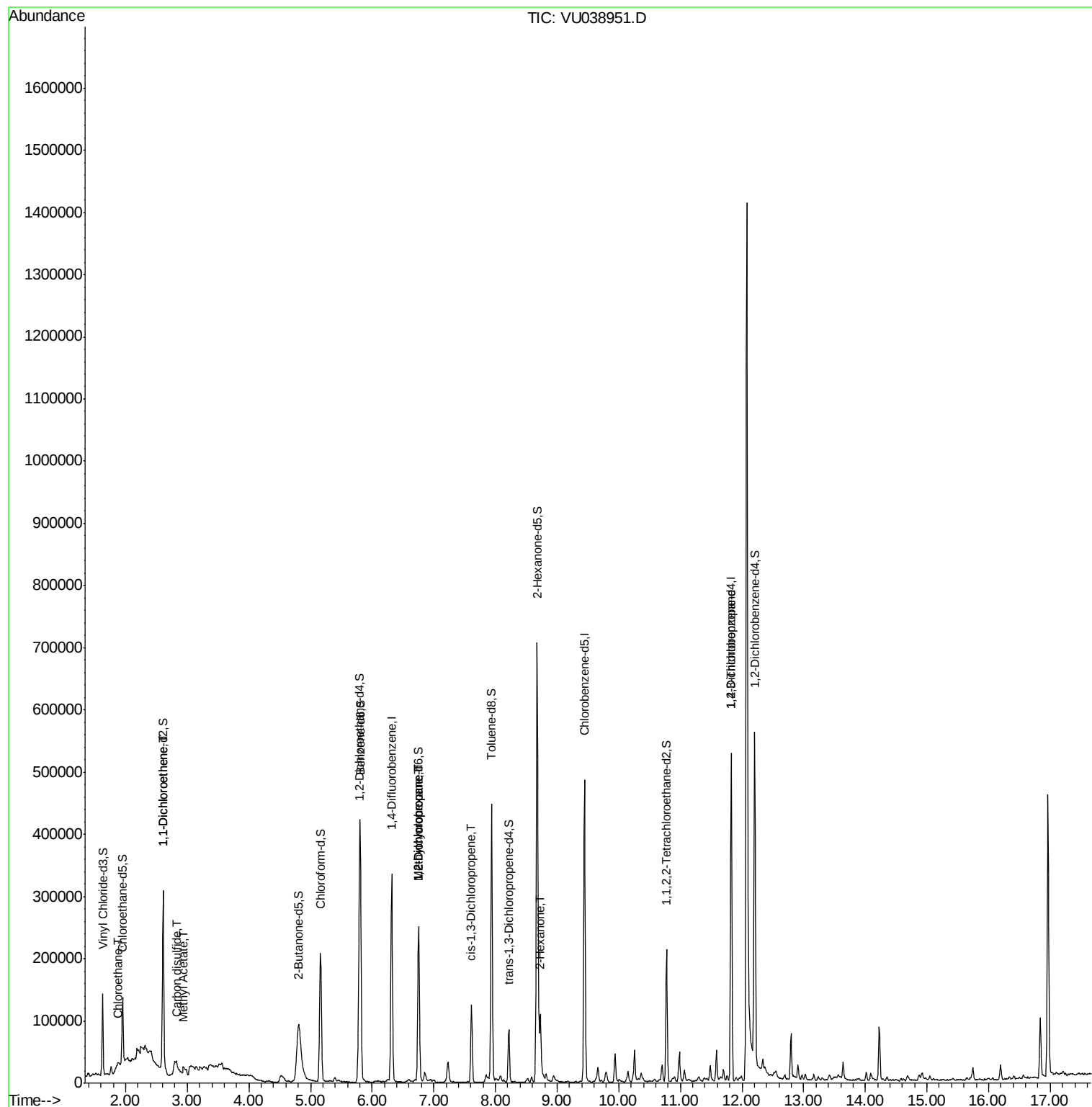
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.87	64	30990	2.012	ug/L #	53
12) 1,1-Dichloroethene	2.61	96	1565	0.086	ug/L #	1
14) Carbon disulfide	2.84	76	6562	0.107	ug/L #	73
15) Methyl Acetate	2.93	43	1561	0.163	ug/L #	58
35) Methylcyclohexane	6.75	83	27441	0.887	ug/L #	19
37) 1,2-Dichloropropane	6.75	63	13075	0.651	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3279	0.111	ug/L #	76
48) 2-Hexanone	8.73	43	56823	5.421	ug/L #	93
59) 1,2,3-Trichloropropane	11.83	75	16281	1.051	ug/L #	80

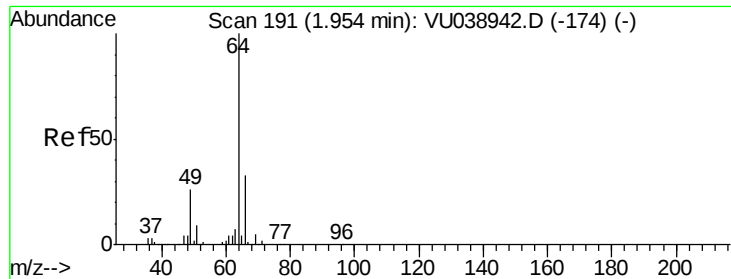
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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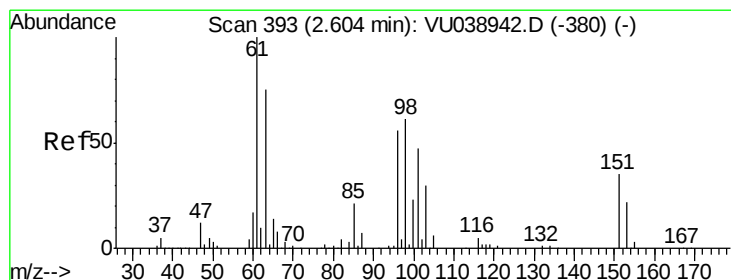
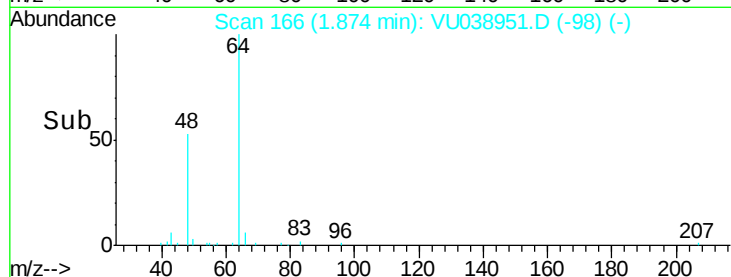
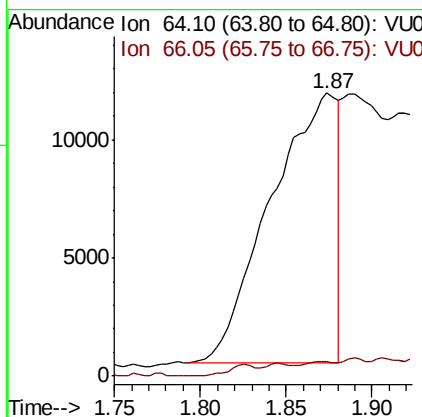
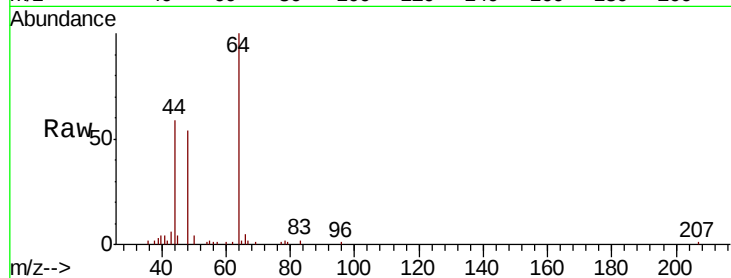




#8
Chloroethane
Concen: 2.012 ug/L
RT: 1.87 min Scan# 166
Delta R.T. -0.08 min
Lab File: VU038951.D
Acq: 17 Jun 2020 18:02

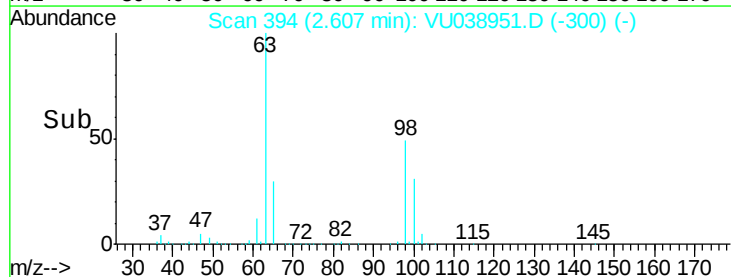
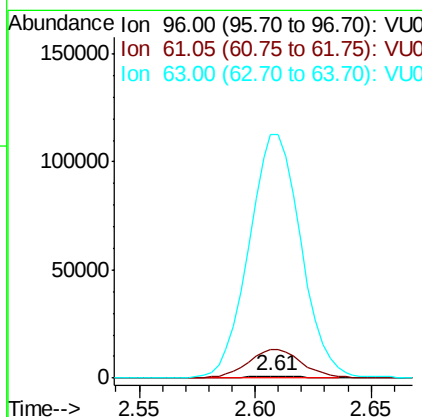
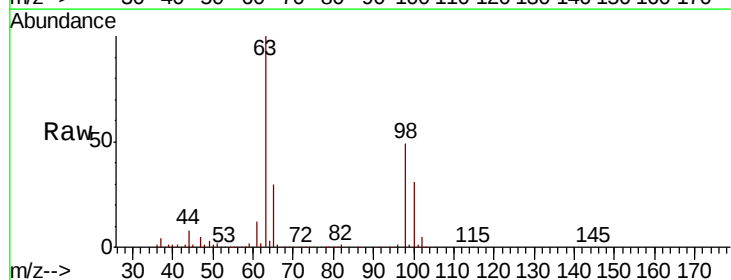
Instrument :
MSVOA_U
ClientSampleId :

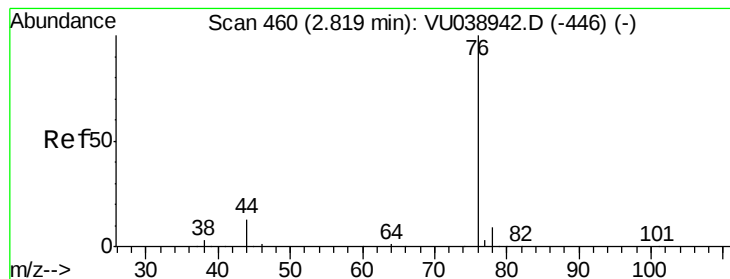
Tot Ion: 64 Resp: 30990
Ion Ratio Lower Upper
64 100
66 5.3 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU038951.D
Acq: 17 Jun 2020 18:02

Tgt Ion: 96 Resp: 1565
Ion Ratio Lower Upper
96 100
61 1516.1 120.3 223.5#
63 12709.7 78.7 146.1#





#14

Carbon disulfide

Concen: 0.107 ug/L

RT: 2.84 min Scan# 465

Delta R.T. 0.02 min

Lab File: VU038951.D

Acq: 17 Jun 2020 18:02

Instrument :

MSVOA_U

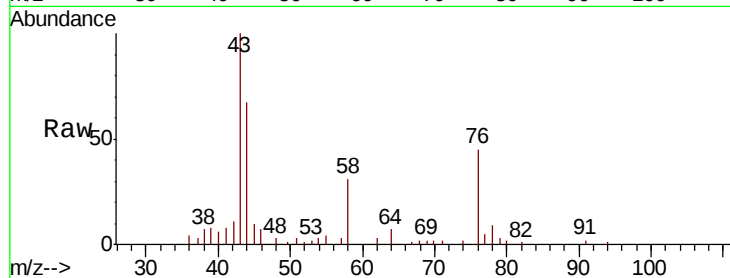
ClientSampleId :

Tot Ion: 76 Resp: 6562

Ion Ratio Lower Upper

76 100

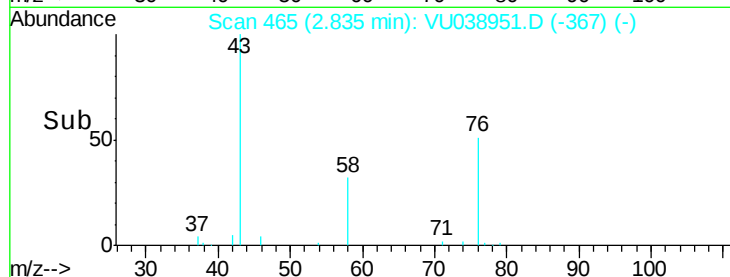
78 18.9 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU038942.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU038942.D (-446) (-)

Time-->

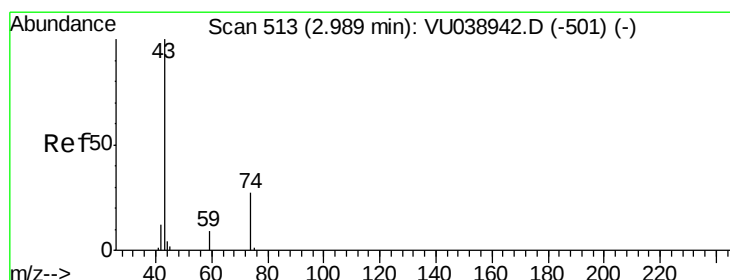


Abundance

Ion 76.05 (75.75 to 76.75): VU038951.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU038951.D (-367) (-)

Time-->



#15

Methyl Acetate

Concen: 0.163 ug/L

RT: 2.93 min Scan# 494

Delta R.T. -0.06 min

Lab File: VU038951.D

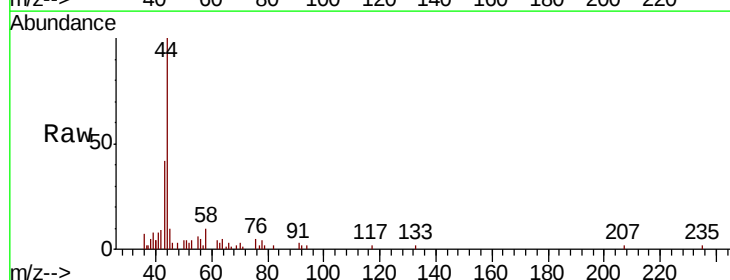
Acq: 17 Jun 2020 18:02

Tgt Ion: 43 Resp: 1561

Ion Ratio Lower Upper

43 100

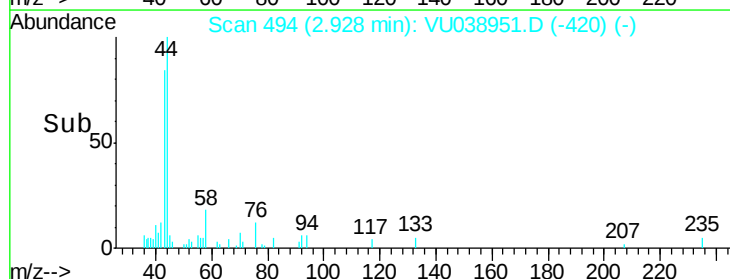
74 6.0 22.2 33.2#



Abundance Ion 43.05 (42.75 to 43.75): VU038942.D (-501) (-)

Ion 74.05 (73.75 to 74.75): VU038942.D (-501) (-)

Time-->

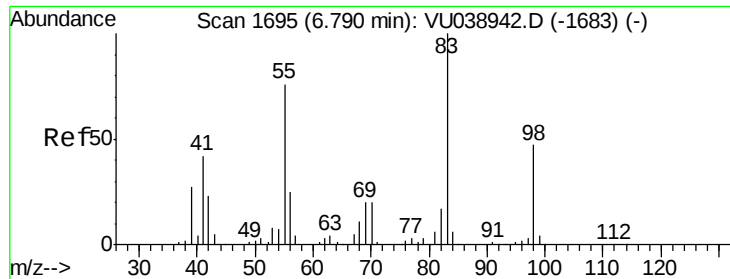


Abundance

Ion 43.05 (42.75 to 43.75): VU038951.D (-420) (-)

Ion 74.05 (73.75 to 74.75): VU038951.D (-420) (-)

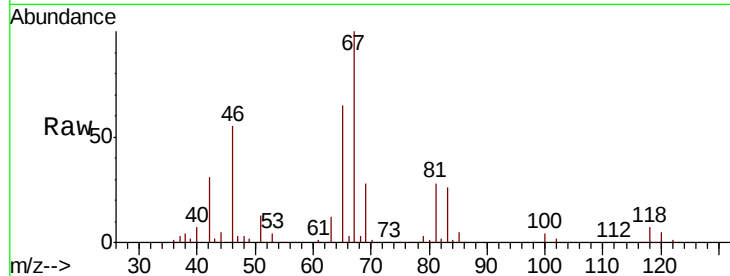
Time-->



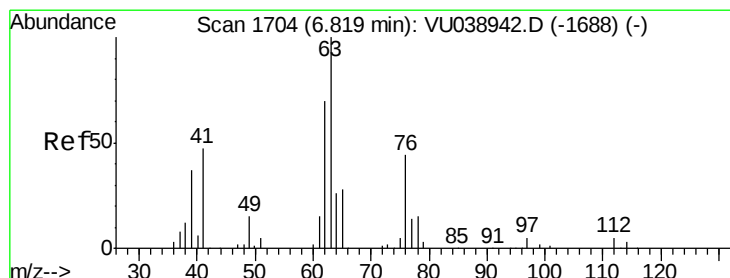
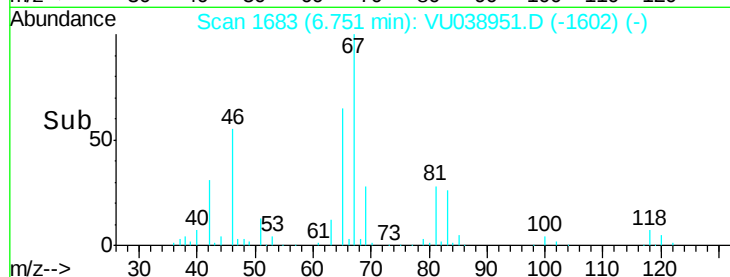
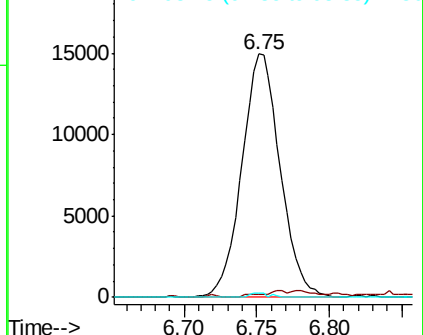
#35
Methvlcvclohexane
Concen: 0.887 ug/L
RT: 6.75 min Scan# 1683
Delta R.T. -0.04 min
Lab File: VU038951.D
Acq: 17 Jun 2020 18:02

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 27441
Ion Ratio Lower Upper
83 100
55 1.8 61.8 92.8#
98 0.7 39.3 58.9#

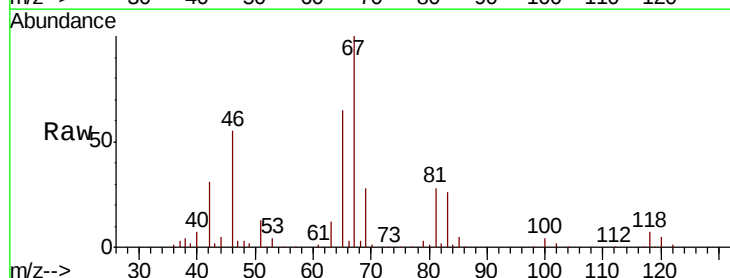


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

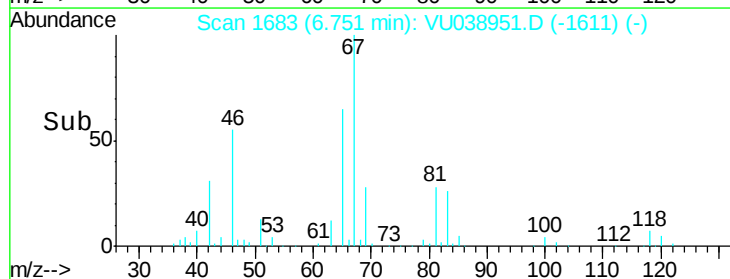
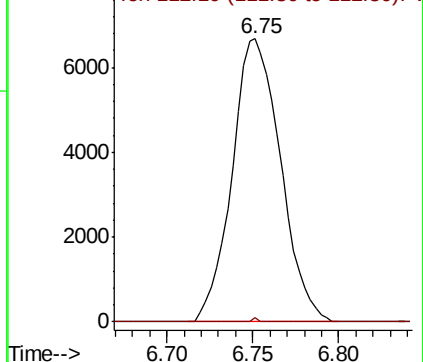


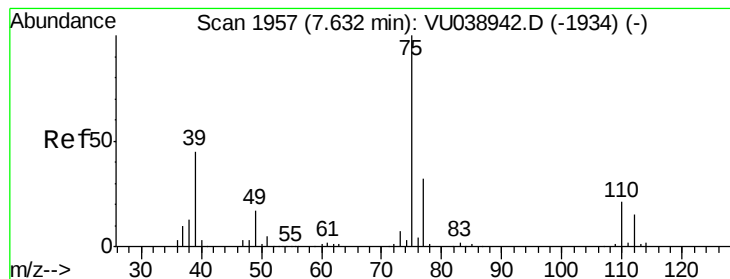
#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.75 min Scan# 1683
Delta R.T. -0.07 min
Lab File: VU038951.D
Acq: 17 Jun 2020 18:02

Tgt Ion: 63 Resp: 13075
Ion Ratio Lower Upper
63 100
112 0.2 3.9 5.9#



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



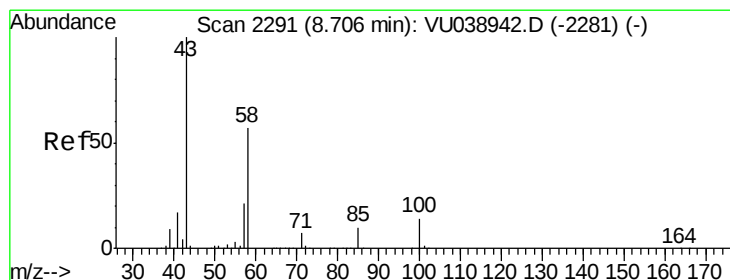
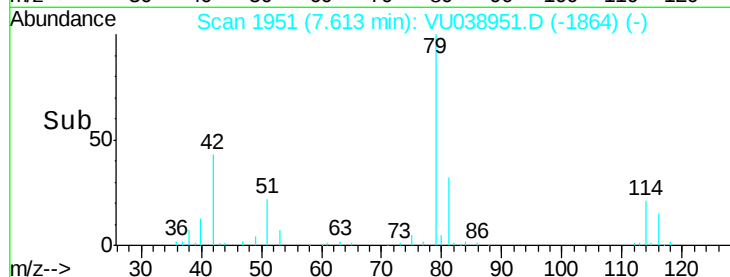
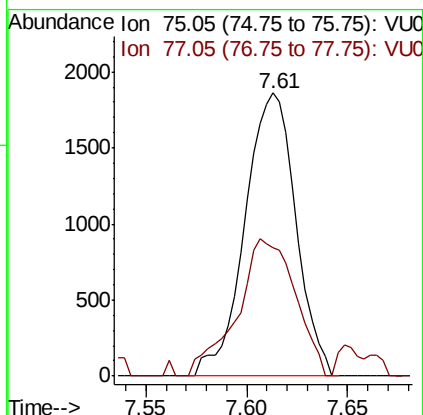
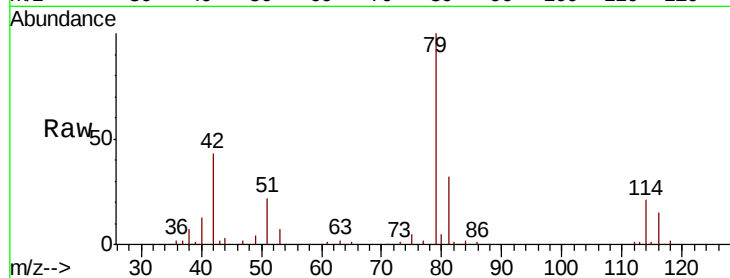


#39

cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.61 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: VU038951.D
 Acq: 17 Jun 2020 18:02

Instrument :
 MSVOA_U
 ClientSampleId :

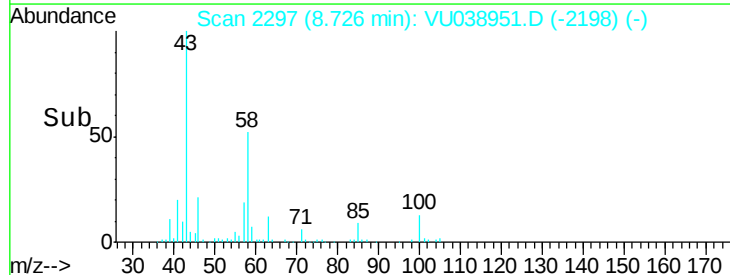
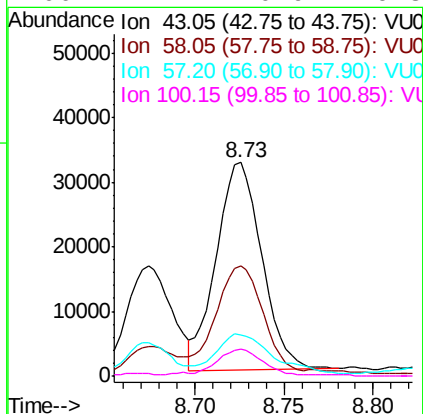
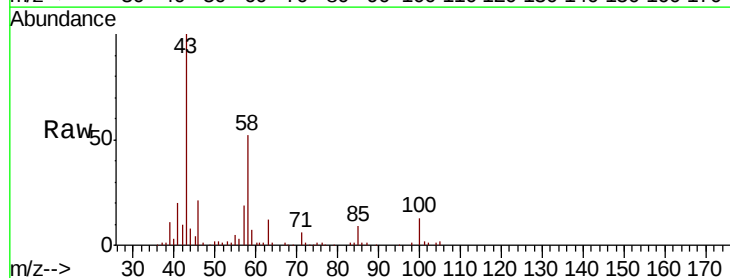
Tot Ion: 75 Resp: 3279
 Ion Ratio Lower Upper
 75 100
 77 45.5 22.4 41.6#

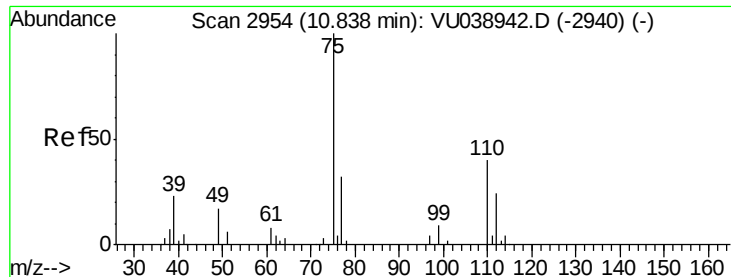


#48

2-Hexanone
 Concen: 5.421 ug/L
 RT: 8.73 min Scan# 2297
 Delta R.T. 0.02 min
 Lab File: VU038951.D
 Acq: 17 Jun 2020 18:02

Tgt Ion: 43 Resp: 56823
 Ion Ratio Lower Upper
 43 100
 58 53.1 45.2 67.8
 57 27.0 16.1 24.1#
 100 12.4 10.9 16.3





#59

1,2,3-Trichloropropane

Concen: 1.051 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038951.D

Acq: 17 Jun 2020 18:02

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 16281

Ion Ratio Lower Upper

75 100

77 42.7 25.4 38.0#

