

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038153.D
 Acq On : 13 May 2020 18:58
 Operator : JC/MD
 Sample : L2631-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:16:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	333978	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	325264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	152861	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115539	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.93	69	108904	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.59	63	153396	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.66	46	443245	58.81	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.62%
24) Chloroform-d	5.10	84	212343	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.74	65	132593	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.76	84	454424	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.72	67	152413	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	399345	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.20	79	56088	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.65	63	367126	61.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	130627	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	151778	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

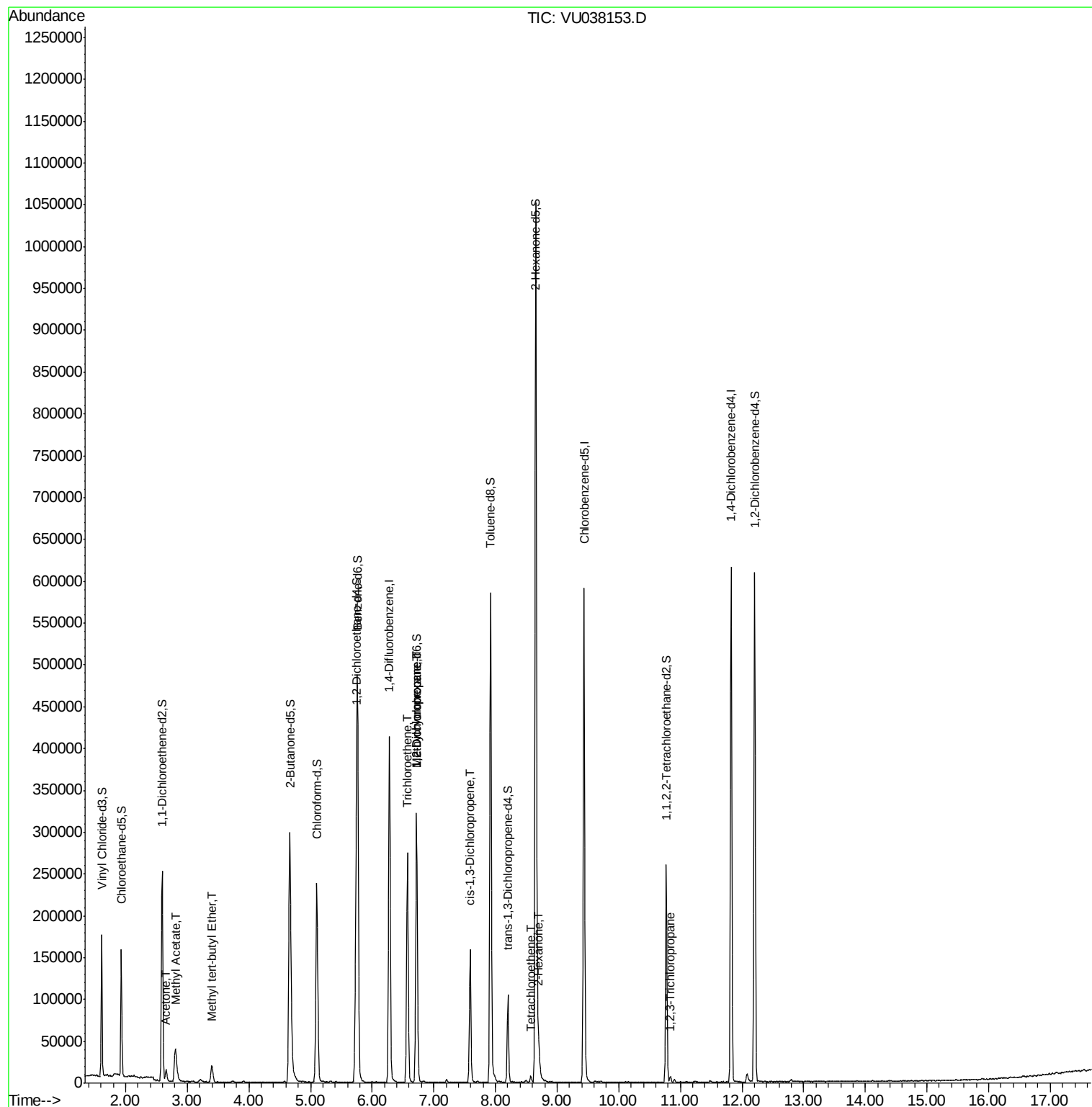
					Ovalue
13) Acetone	2.66	43	16768	3.546	ug/L 98
15) Methyl Acetate	2.81	43	15378	1.163	ug/L # 53
17) Methyl tert-butyl Ether	3.40	73	20638	0.320	ug/L 94
34) Trichloroethene	6.57	95	95196	3.654	ug/L 98
35) Methylcyclohexane	6.72	83	34434	0.816	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	15776	0.558	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	3662	0.090	ug/L # 47
47) Tetrachloroethene	8.57	164	1815	0.100	ug/L 81
48) 2-Hexanone	8.70	43	20759	1.446	ug/L # 94
59) 1,2,3-Trichloropropane	10.84	75	3175	0.167	ug/L 98

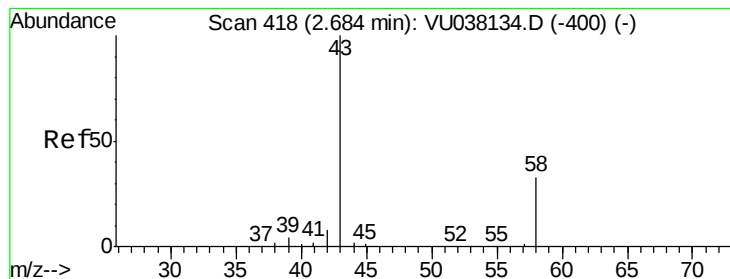
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 14 01:11:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.546 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU038153.D

Acq: 13 May 2020 18:58

Instrument :

MSVOA_U

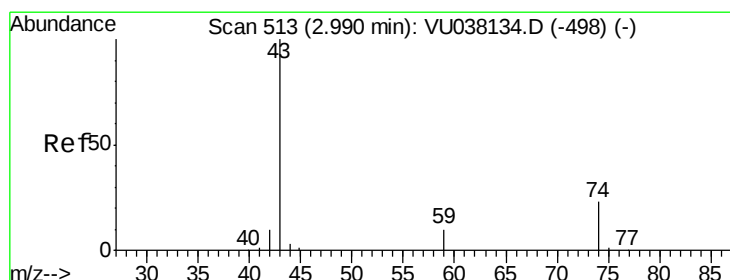
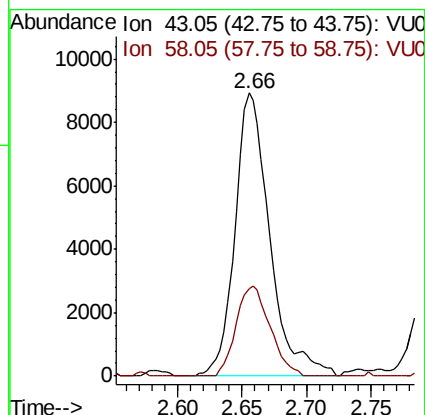
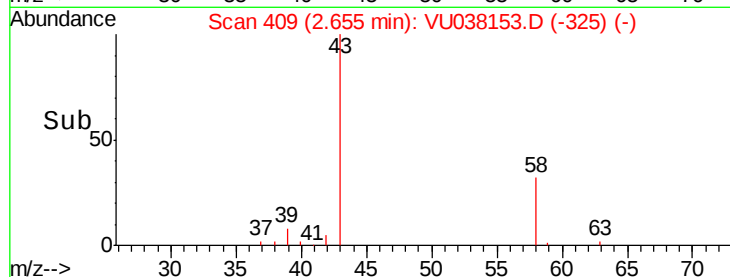
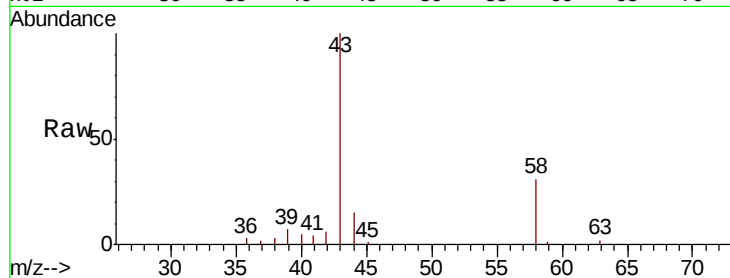
ClientSampleId :

Tot Ion: 43 Resp: 16768

Ion Ratio Lower Upper

43 100

58 30.9 0.0 63.6



#15

Methyl Acetate

Concen: 1.163 ug/L

RT: 2.81 min Scan# 457

Delta R.T. -0.18 min

Lab File: VU038153.D

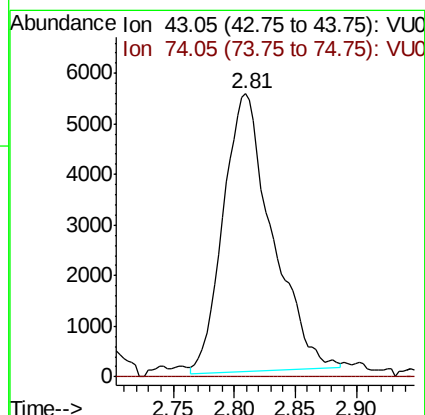
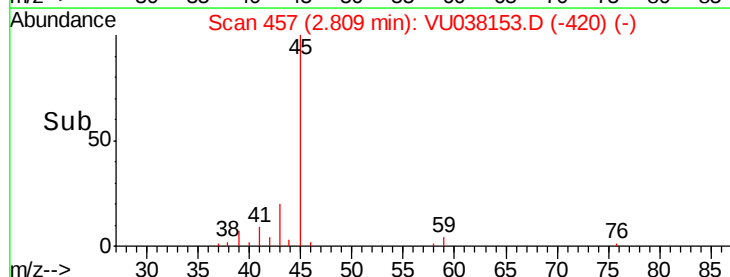
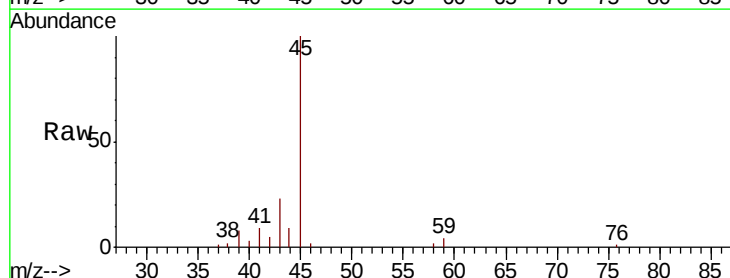
Acq: 13 May 2020 18:58

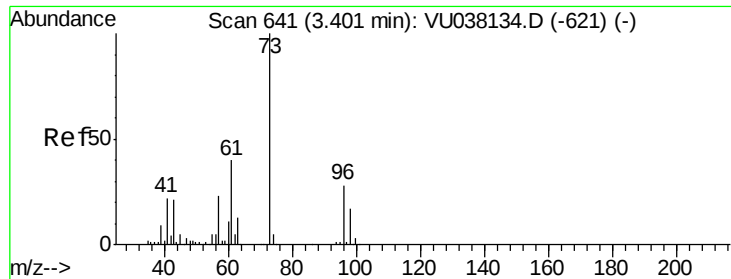
Tgt Ion: 43 Resp: 15378

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#

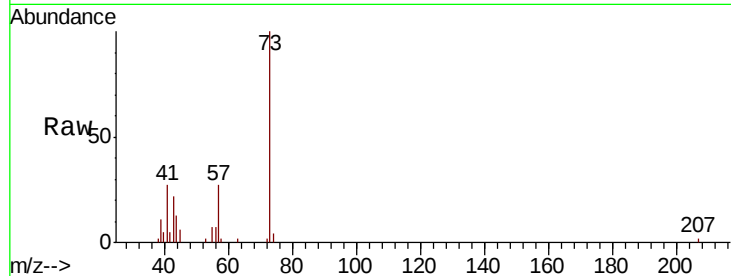




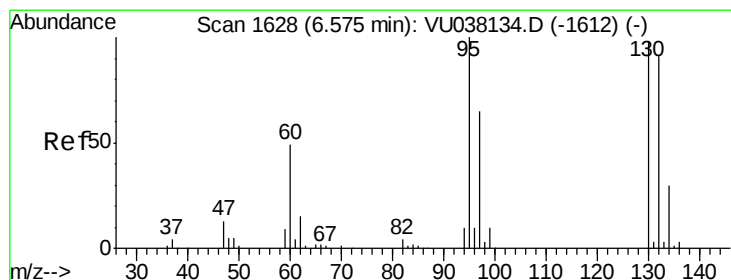
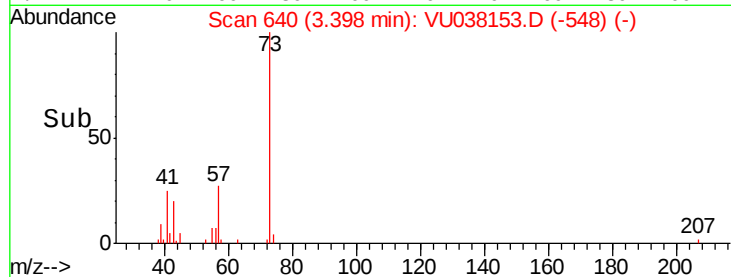
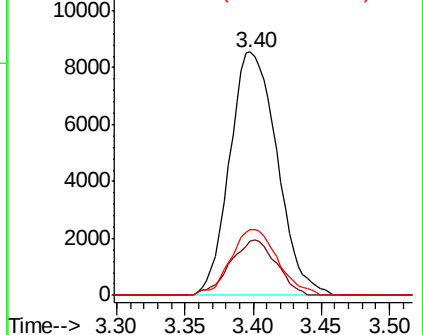
#17
Methvl tert-butvl Ether
Concen: 0.320 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU038153.D
Acq: 13 May 2020 18:58

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 73 Resp: 20638
Ion Ratio Lower Upper
73 100
43 22.2 16.9 25.3
57 26.9 18.2 27.2

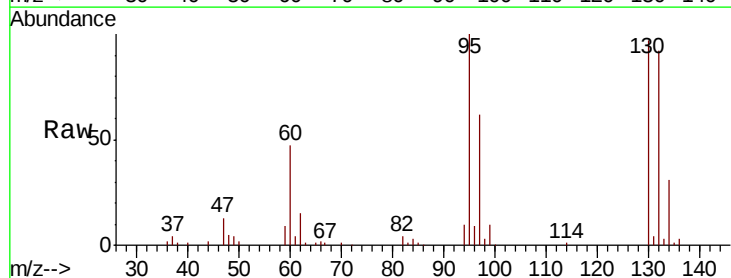


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

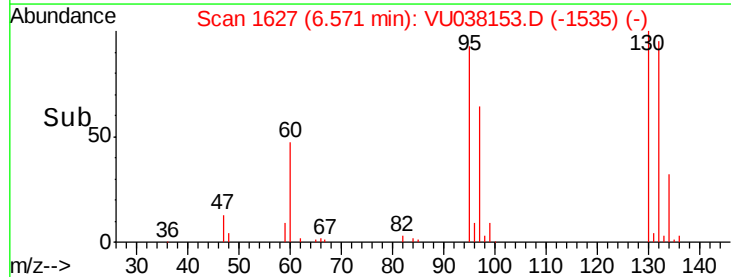
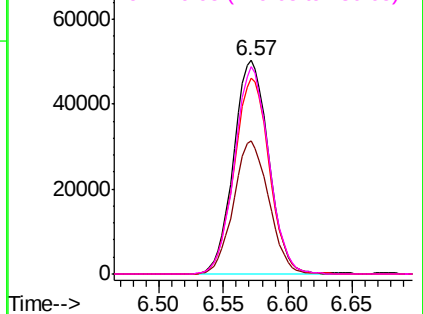


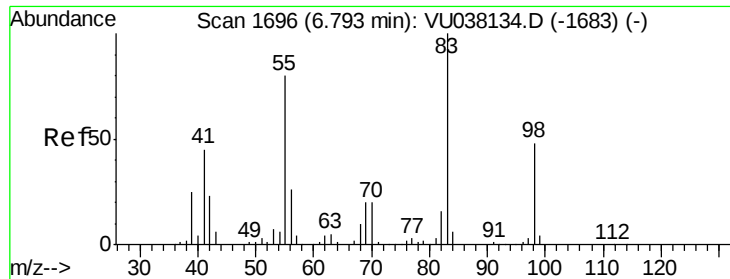
#34
Trichloroethene
Concen: 3.654 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038153.D
Acq: 13 May 2020 18:58

Tgt Ion: 95 Resp: 95196
Ion Ratio Lower Upper
95 100
97 62.1 44.9 83.3
132 91.6 63.3 117.5
130 96.9 65.7 122.1



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

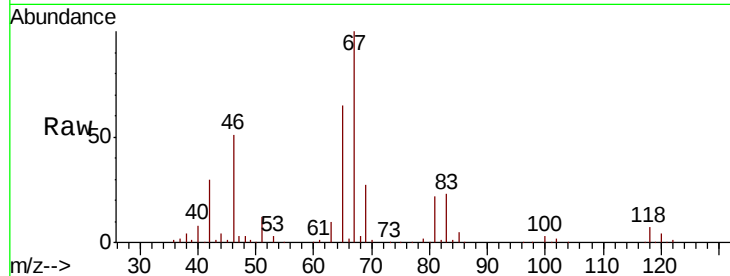




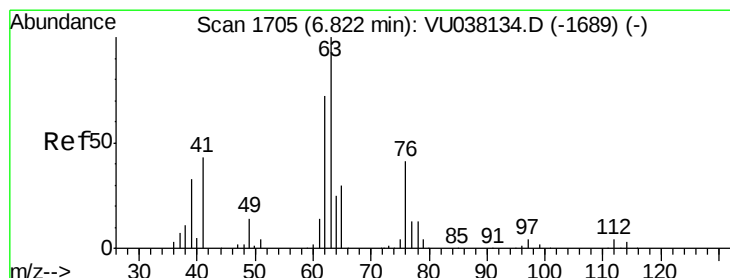
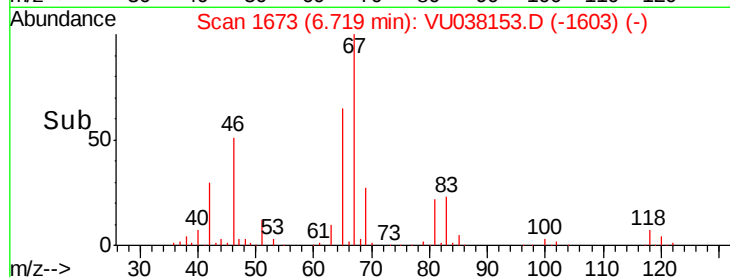
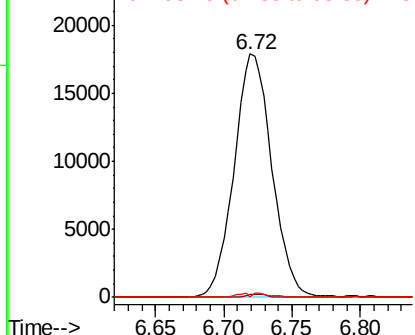
#35
Methvlcvclohexane
Concen: 0.816 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038153.D
Acq: 13 May 2020 18:58

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 34434
Ion Ratio Lower Upper
83 100
55 0.6 66.7 100.1#
98 0.8 39.4 59.2#

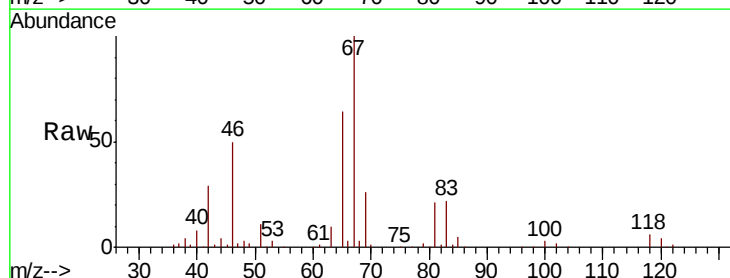


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

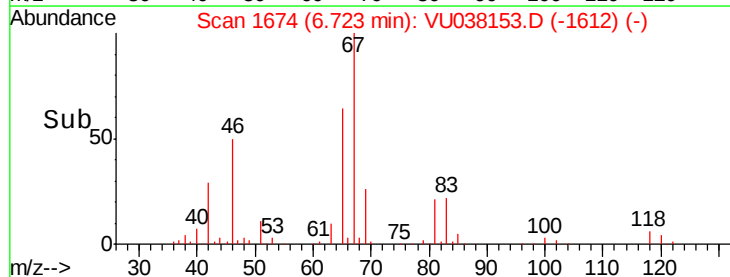
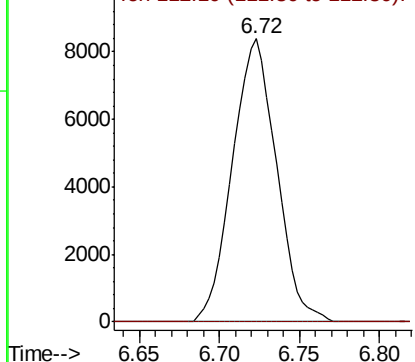


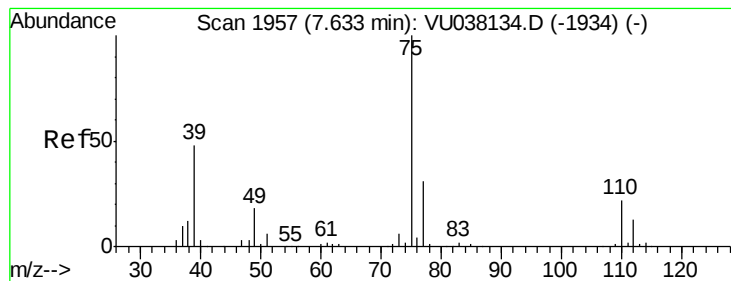
#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038153.D
Acq: 13 May 2020 18:58

Tgt Ion: 63 Resp: 15776
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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



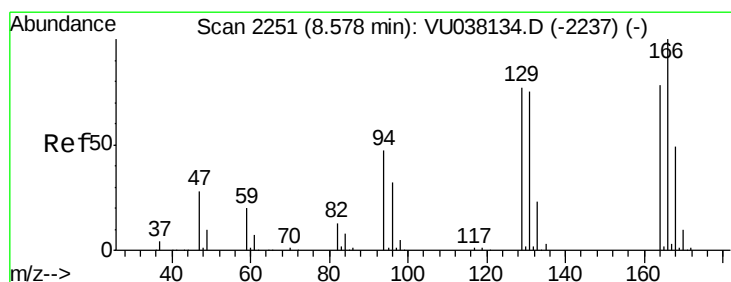
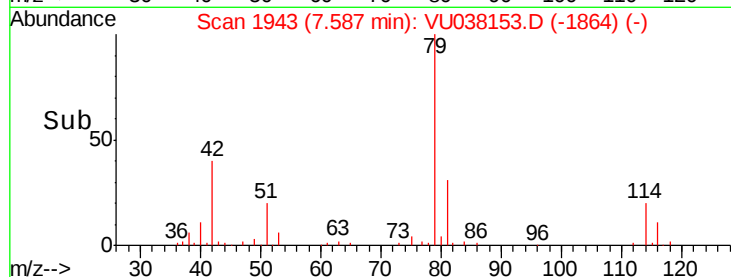
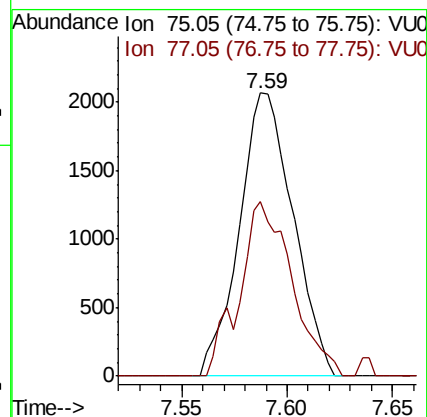
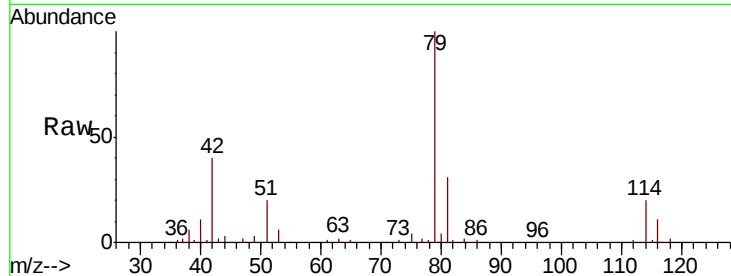


#39

cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038153.D
 Acq: 13 May 2020 18:58

Instrument :
 MSVOA_U
 ClientSampleId :

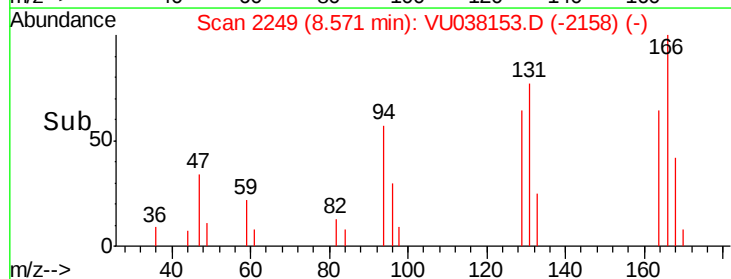
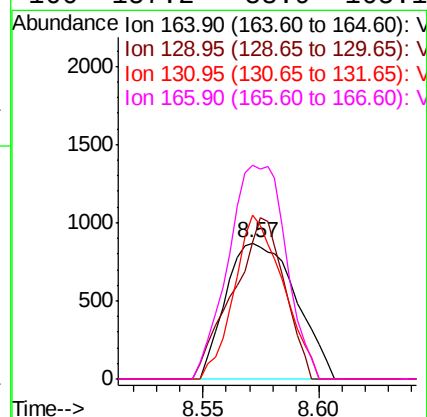
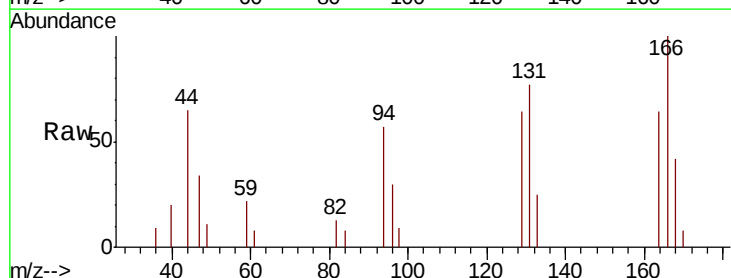
Tot Ion: 75 Resp: 3662
 Ion Ratio Lower Upper
 75 100
 77 61.5 22.4 41.6#

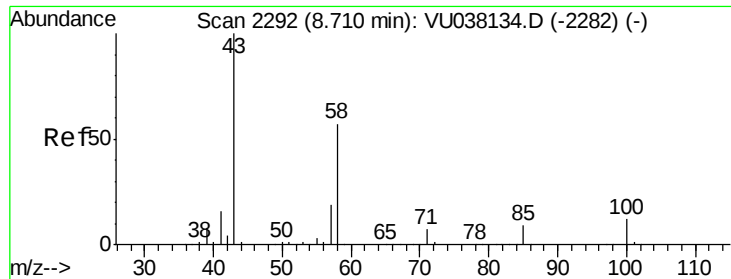


#47

Tetrachloroethene
 Concen: 0.100 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: VU038153.D
 Acq: 13 May 2020 18:58

Tgt Ion: 164 Resp: 1815
 Ion Ratio Lower Upper
 164 100
 129 100.6 68.8 127.8
 131 120.4 66.8 124.2
 166 157.2 88.9 165.1

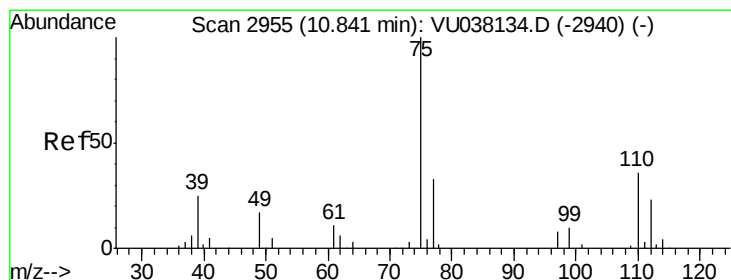
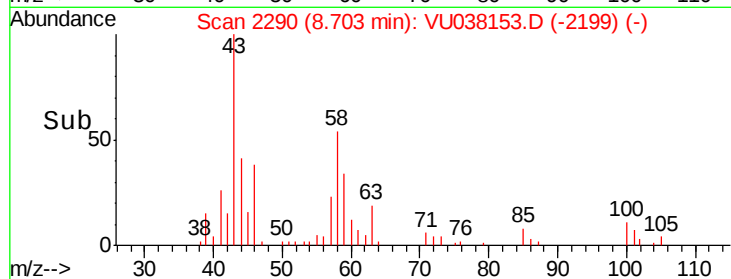
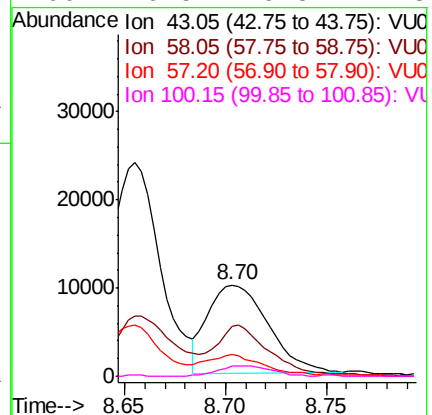
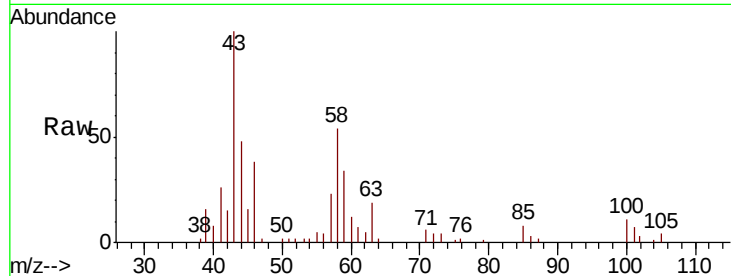




#48
2-Hexanone
Concen: 1.446 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.01 min
Lab File: VU038153.D
Acq: 13 May 2020 18:58

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 20759
Ion Ratio Lower Upper
43 100
58 53.0 45.2 67.8
57 24.0 15.5 23.3#
100 10.5 9.5 14.3



#59
1,2,3-Trichloropropane
Concen: 0.167 ug/L
RT: 10.84 min Scan# 2954
Delta R.T. -0.00 min
Lab File: VU038153.D
Acq: 13 May 2020 18:58

Tgt Ion: 75 Resp: 3175
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0

