

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050820\
 Data File : VU038087.D
 Acq On : 08 May 2020 16:39
 Operator : JC/MD
 Sample : L2528-07DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 00:13:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:11:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	361678	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	352879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	160543	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	142441	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.93	69	126258	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.59	63	174179	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.66	46	391752	48.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.00%
24) Chloroform-d	5.10	84	223896	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.74	65	134638	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.76	84	498357	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.72	67	163374	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	437503	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	57597	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.65	63	323732	50.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122430	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	152417	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

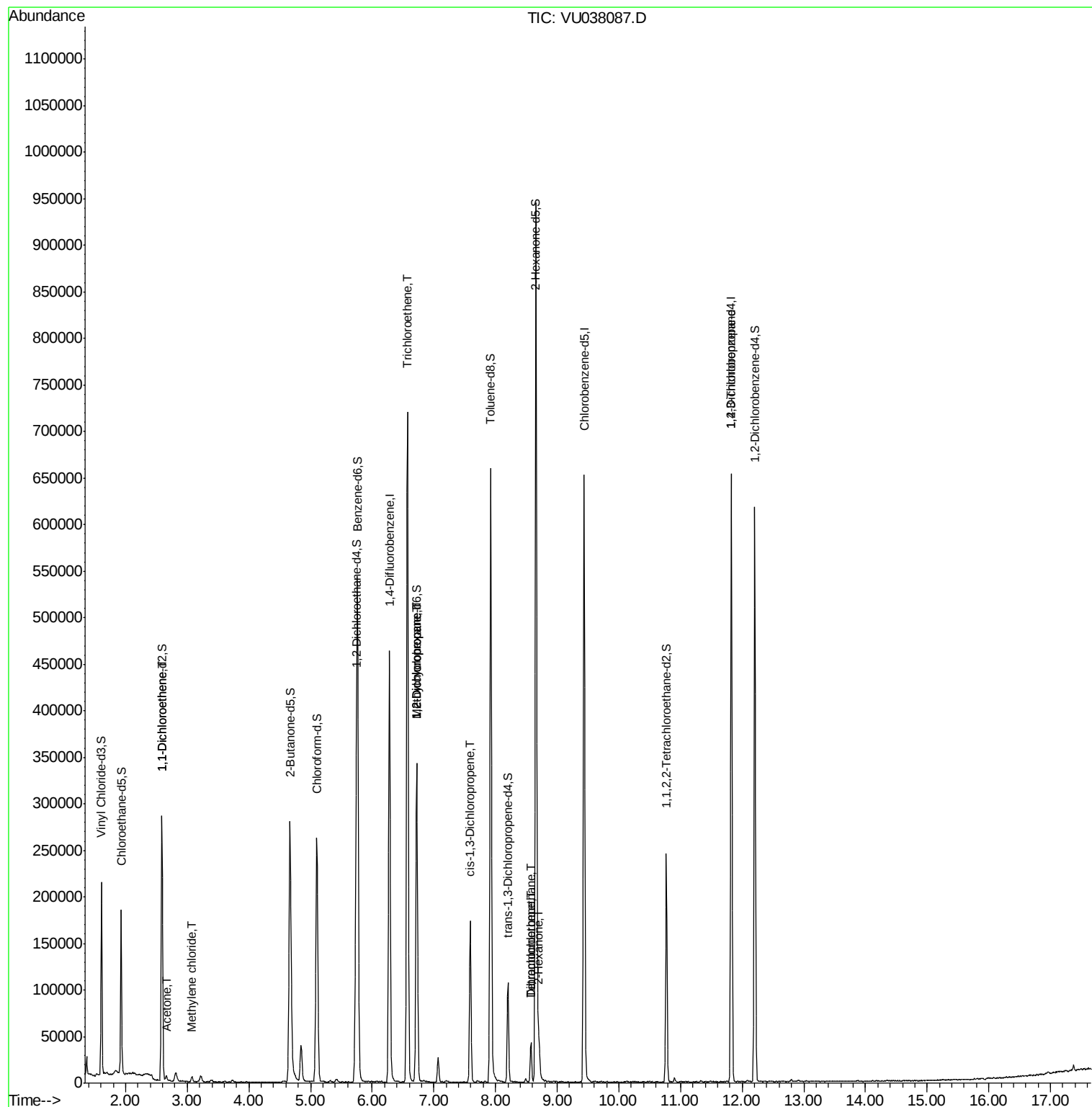
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1511	0.060	ug/L #	1
13) Acetone	2.66	43	6306	1.231	ug/L	98
16) Methylene chloride	3.08	84	2376	0.081	ug/L	86
34) Trichloroethene	6.57	95	243636	8.620	ug/L	97
35) Methylcyclohexane	6.72	83	36248	0.792	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17560	0.572	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3990	0.091	ug/L #	68
47) Tetrachloroethene	8.57	164	9094	0.460	ug/L	91
48) 2-Hexanone	8.71	43	20657	1.326	ug/L #	94
49) Dibromochloromethane	8.57	129	9207	0.416	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	22471	1.091	ug/L	96

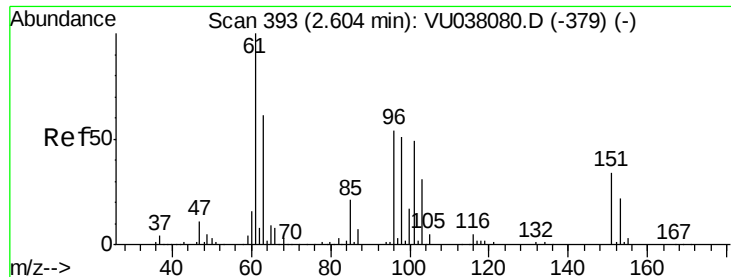
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU038087.D

Acq: 08 May 2020 16:39

Instrument :

MSVOA_U

ClientSampled :

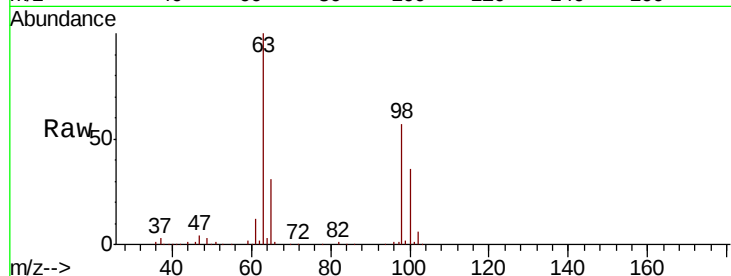
Tot Ion: 96 Resp: 1511

Ion Ratio Lower Upper

96 100

61 1320.6 126.2 234.4#

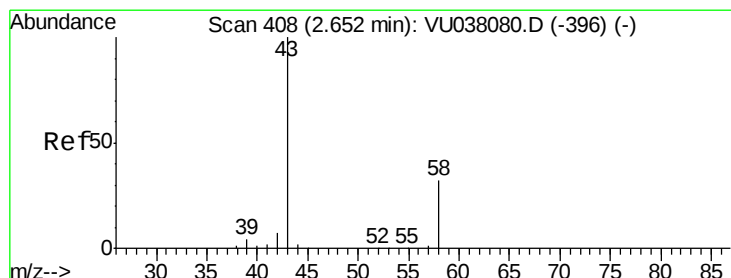
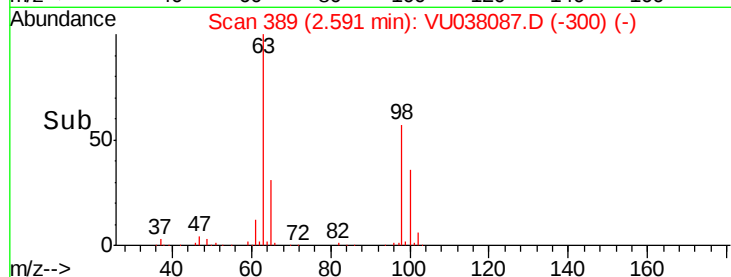
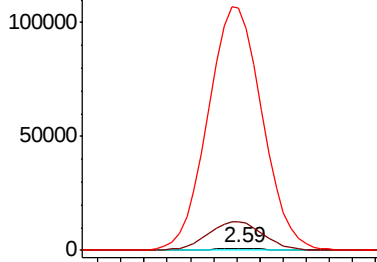
63 11025.3 96.9 179.9#



Abundance Ion 96.00 (95.70 to 96.70): VU038080.D (-379) (-)

Ion 61.05 (60.75 to 61.75): VU038080.D (-379) (-)

Ion 63.00 (62.70 to 63.70): VU038080.D (-379) (-)



#13

Acetone

Concen: 1.231 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU038087.D

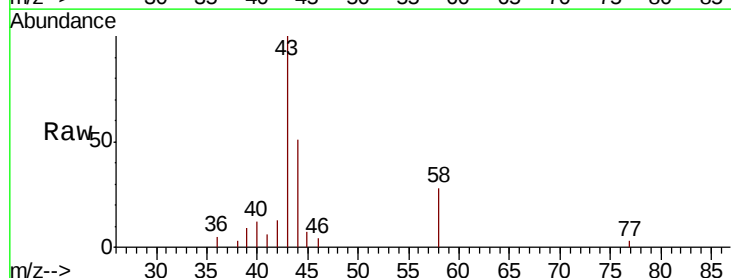
Acq: 08 May 2020 16:39

Tgt Ion: 43 Resp: 6306

Ion Ratio Lower Upper

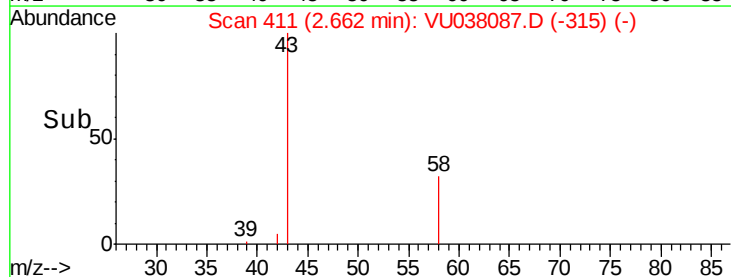
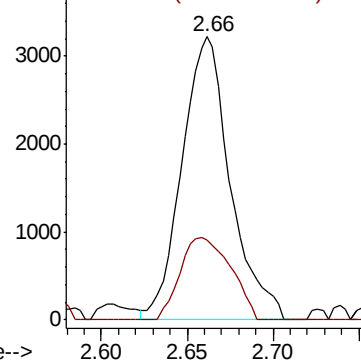
43 100

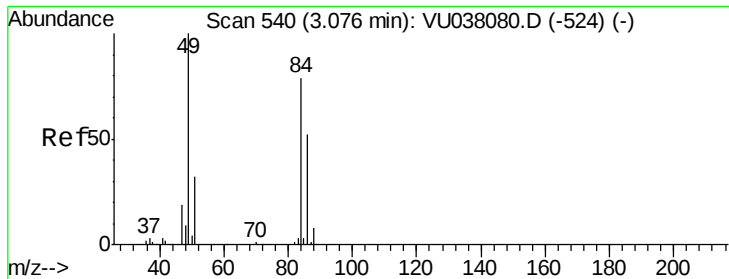
58 30.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038080.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU038080.D (-396) (-)

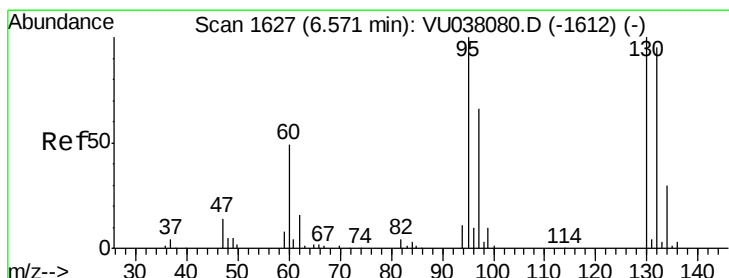
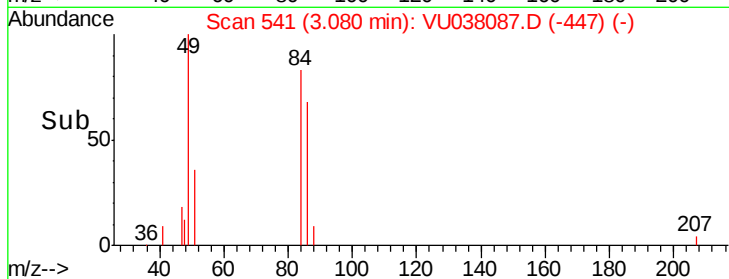
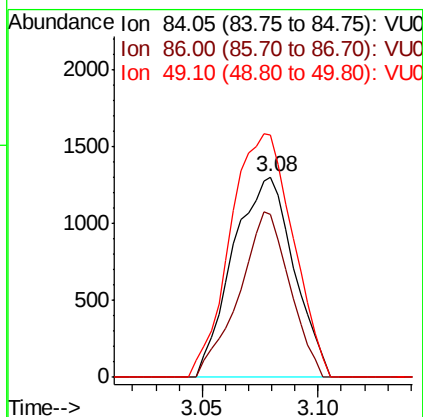
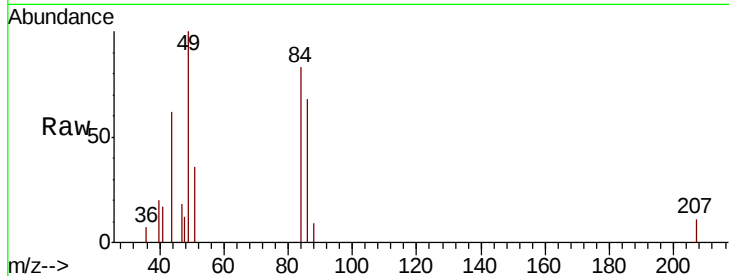




#16
Methylene chloride
Concen: 0.081 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038087.D
Acq: 08 May 2020 16:39

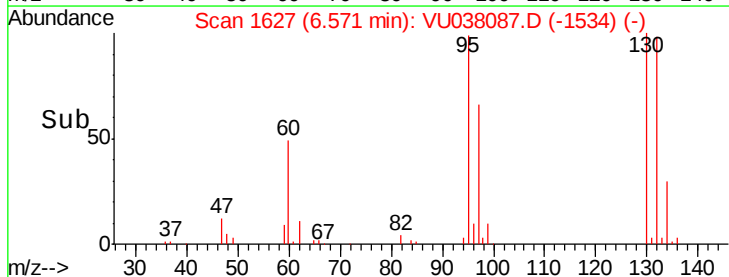
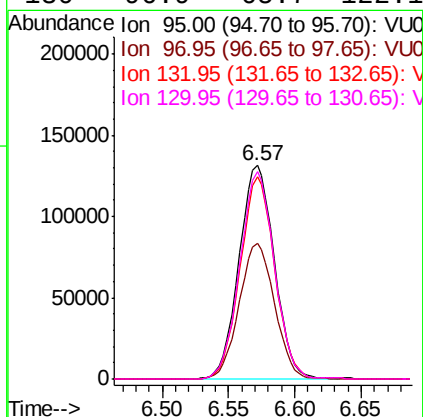
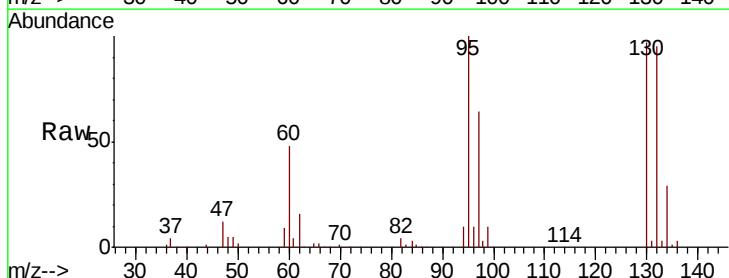
Instrument :
MSVOA_U
ClientSampleId :

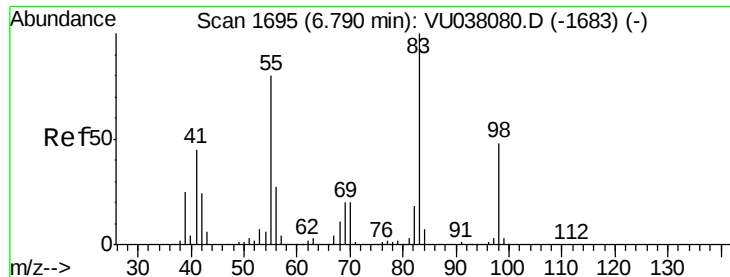
Tot Ion: 84 Resp: 2376
Ion Ratio Lower Upper
84 100
86 81.4 44.9 83.3
49 120.6 92.0 170.9



#34
Trichloroethene
Concen: 8.620 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038087.D
Acq: 08 May 2020 16:39

Tgt Ion: 95 Resp: 243636
Ion Ratio Lower Upper
95 100
97 63.5 44.9 83.3
132 94.6 63.3 117.5
130 96.9 65.7 122.1

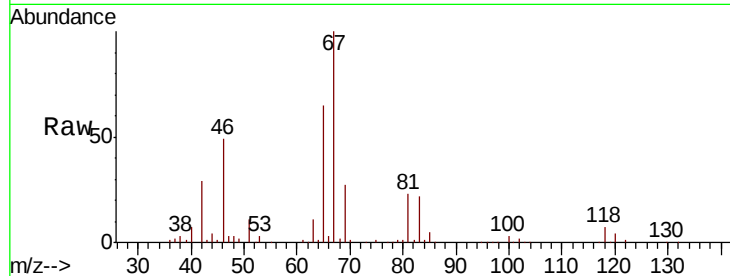




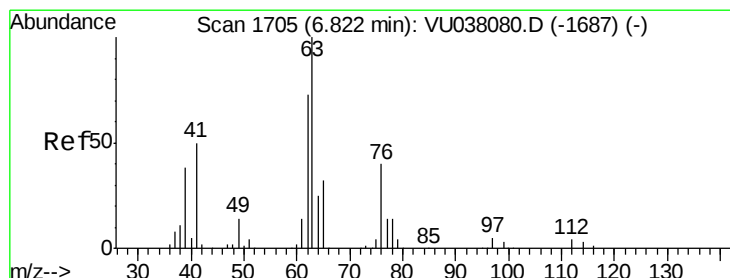
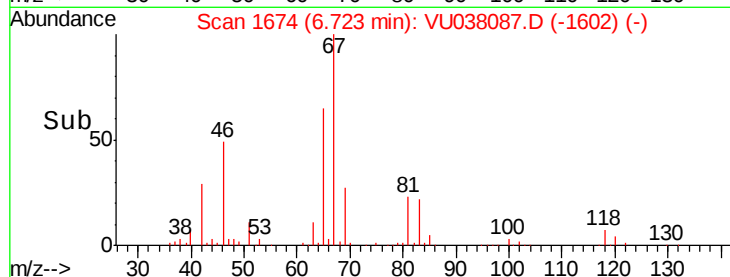
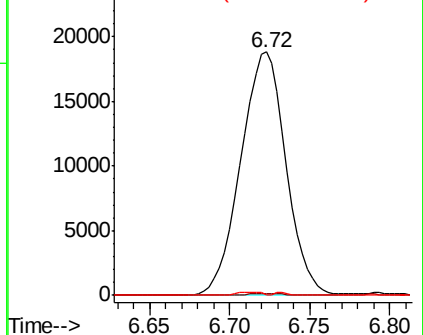
#35
Methvlcvclohexane
Concen: 0.792 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038087.D
Acq: 08 May 2020 16:39

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 36248
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 0.7 39.4 59.2#

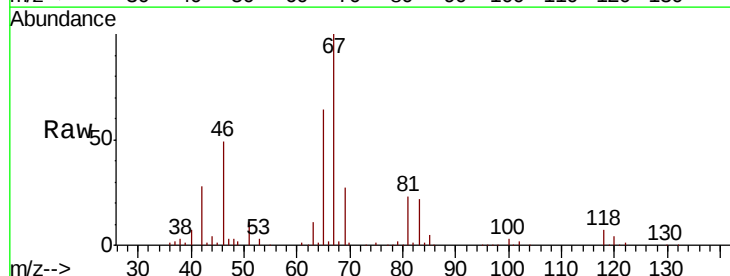


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

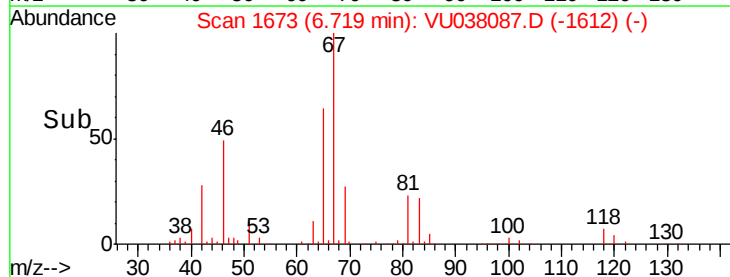
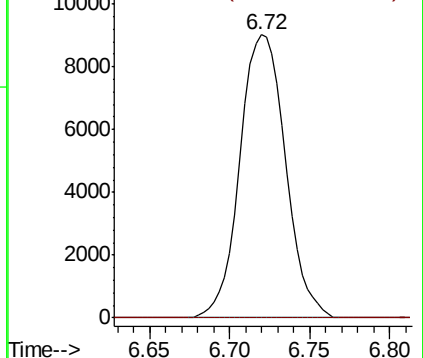


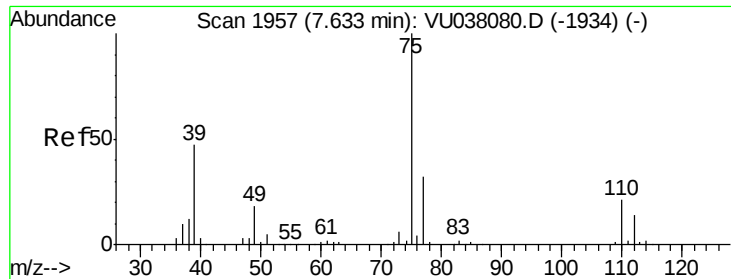
#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038087.D
Acq: 08 May 2020 16:39

Tgt Ion: 63 Resp: 17560
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

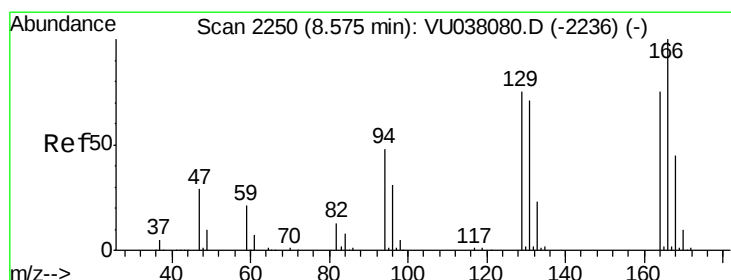
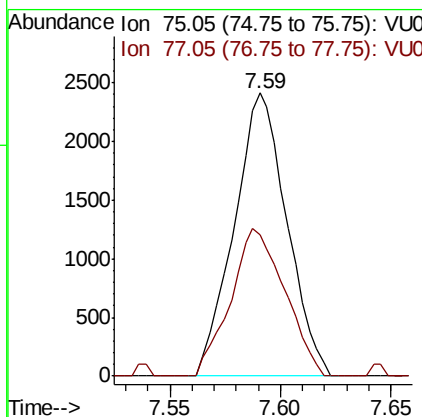
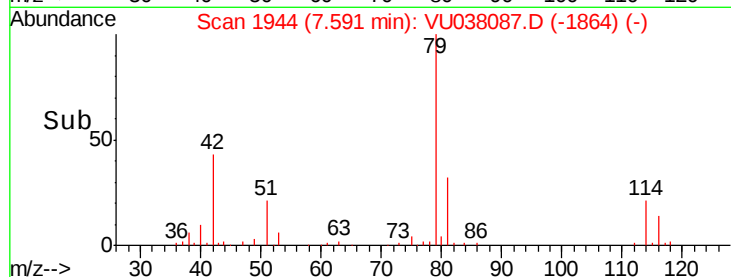
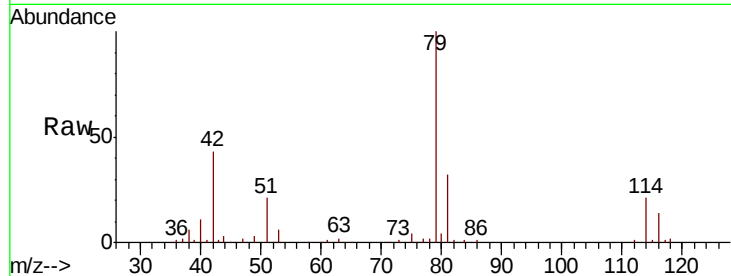




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038087.D
 Acq: 08 May 2020 16:39

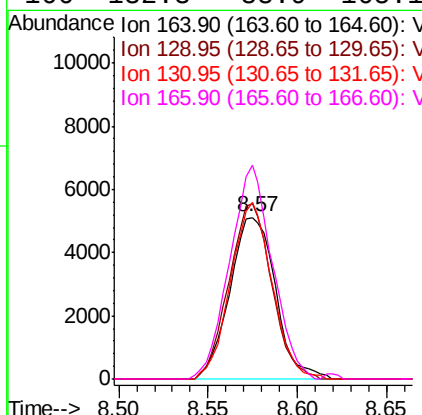
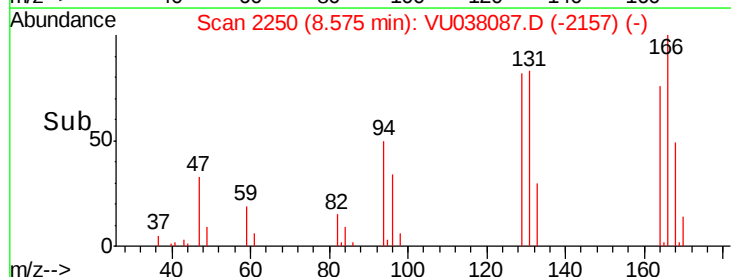
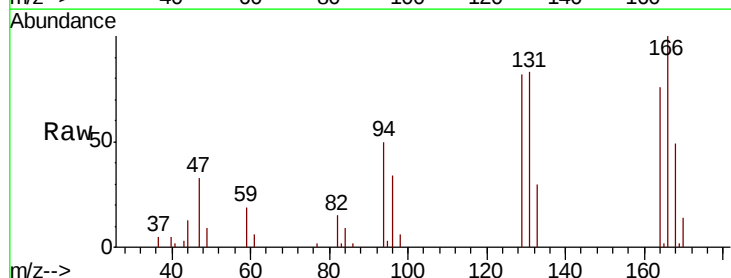
Instrument :
 MSVOA_U
 ClientSampled :

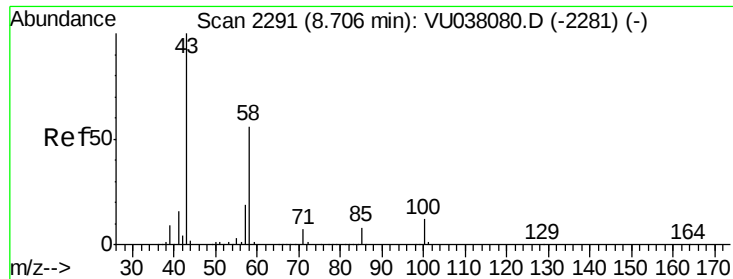
Tot Ion: 75 Resp: 3990
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.4 41.6#



#47
 Tetrachloroethene
 Concen: 0.460 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038087.D
 Acq: 08 May 2020 16:39

Tgt Ion: 164 Resp: 9094
 Ion Ratio Lower Upper
 164 100
 129 108.5 68.8 127.8
 131 109.2 66.8 124.2
 166 132.3 88.9 165.1

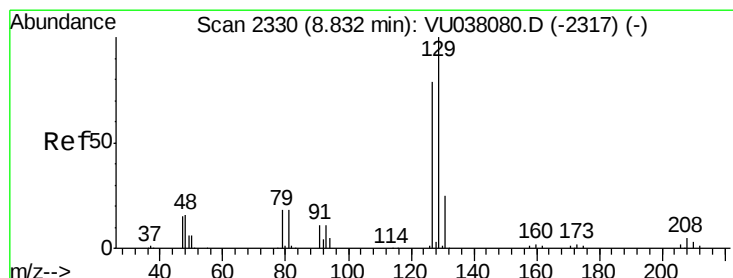
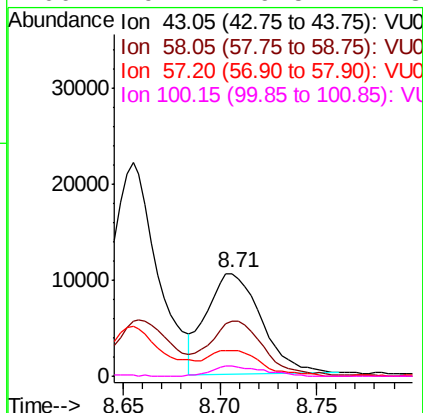
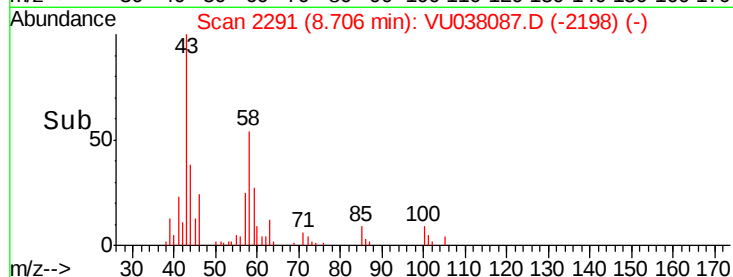
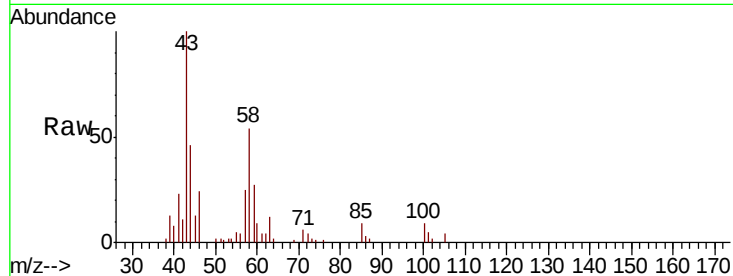




#48
2-Hexanone
Concen: 1.326 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038087.D
Acq: 08 May 2020 16:39

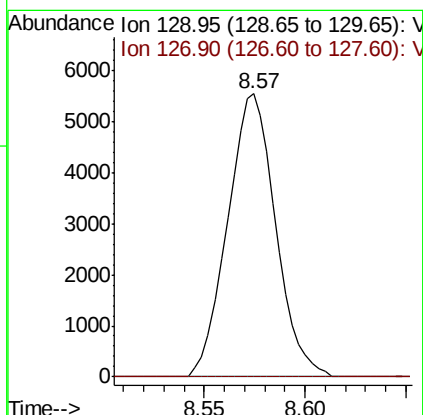
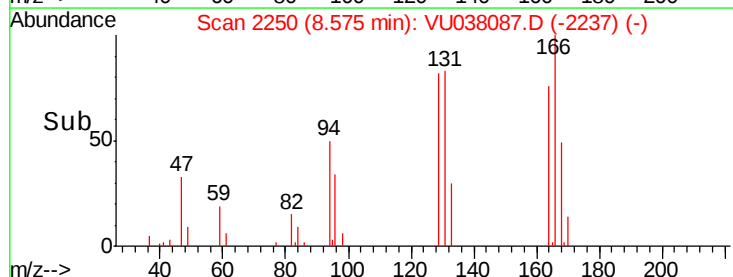
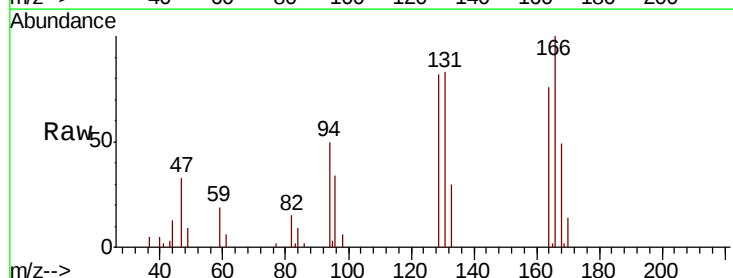
Instrument :
MSVOA_U
ClientSampleId :

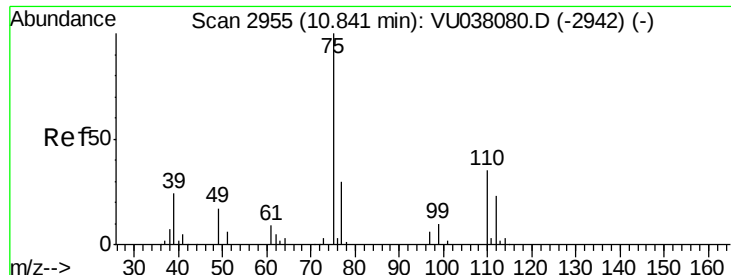
Tot Ion: 43 Resp: 20657
Ion Ratio Lower Upper
43 100
58 54.0 45.2 67.8
57 25.8 15.5 23.3#
100 9.7 9.5 14.3



#49
Dibromochloromethane
Concen: 0.416 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038087.D
Acq: 08 May 2020 16:39

Tgt Ion: 129 Resp: 9207
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#59

1,2,3-Trichloropropane

Concen: 1.091 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038087.D

Acq: 08 May 2020 16:39

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 22471

Ion Ratio Lower Upper

75 100

77 33.9 25.4 38.0

