

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038848.D
 Acq On : 12 Jun 2020 14:00
 Operator : SY/MD
 Sample : L2957-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 01:31:59 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	279295	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	278786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129527	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96128	6.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.20%
7) Chloroethane-d5	1.93	69	76908	6.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.80%
11) 1,1-Dichloroethene-d2	2.59	63	147792	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	4.68	46	292866	61.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.60%
24) Chloroform-d	5.10	84	185122	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.74	65	107662	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.76	84	374056	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
36) 1,2-Dichloropropane-d6	6.72	67	111189	5.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.20%
41) Toluene-d8	7.92	98	317512	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	8.20	79	44634	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.65	63	251081	65.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.58%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95411	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	124429	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

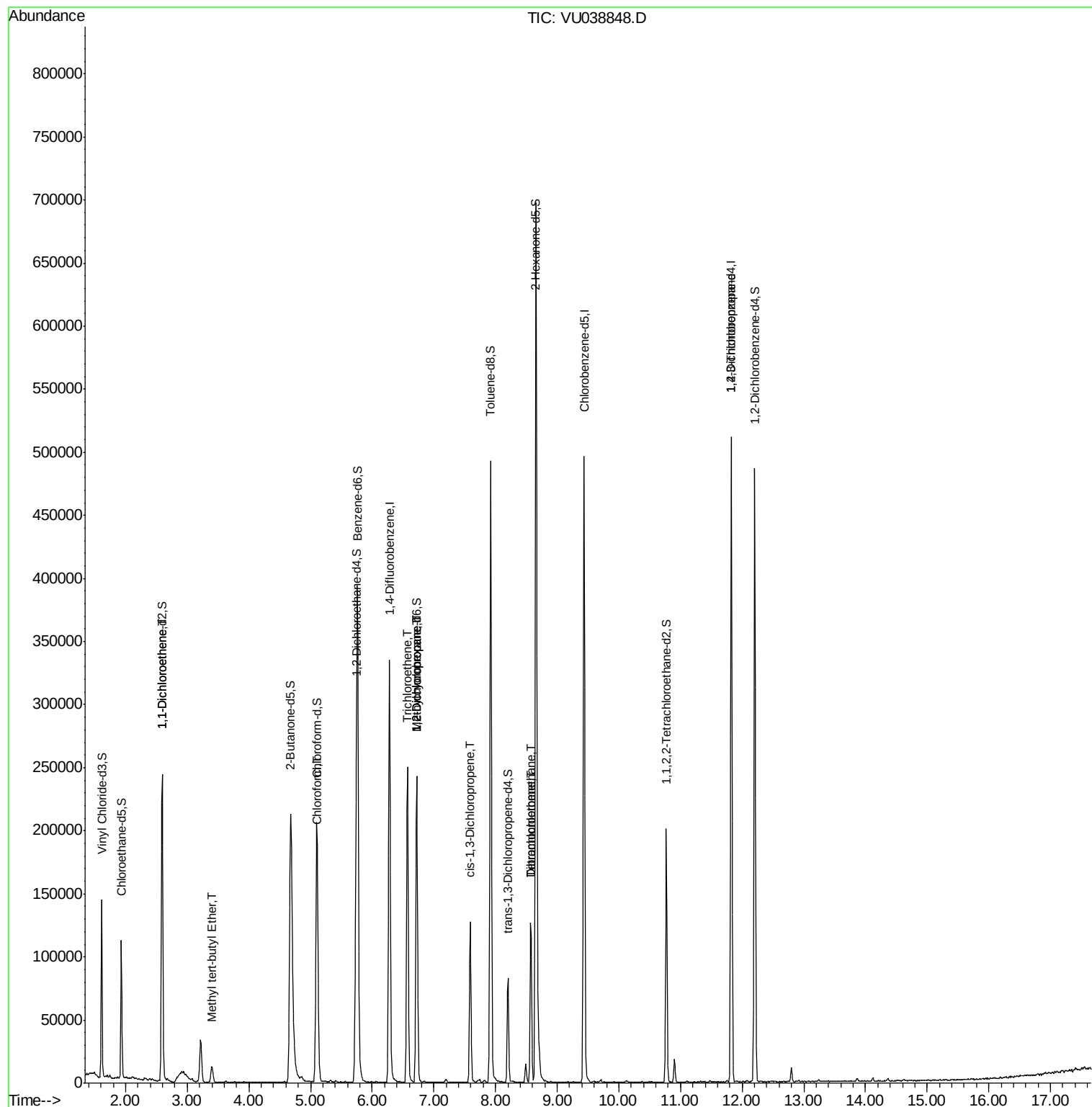
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1250	0.064	ug/L #	1
17) Methyl tert-butyl Ether	3.40	73	14308	0.284	ug/L #	87
25) Chloroform	5.12	83	20178	0.518	ug/L	93
34) Trichloroethene	6.57	95	83953	3.816	ug/L	98
35) Methylcyclohexane	6.72	83	26990	0.789	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12889	0.607	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3682	0.117	ug/L #	81
47) Tetrachloroethene	8.57	164	27605	1.630	ug/L	96
49) Dibromochloromethane	8.57	129	27199	1.505	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	16601	1.055	ug/L	90

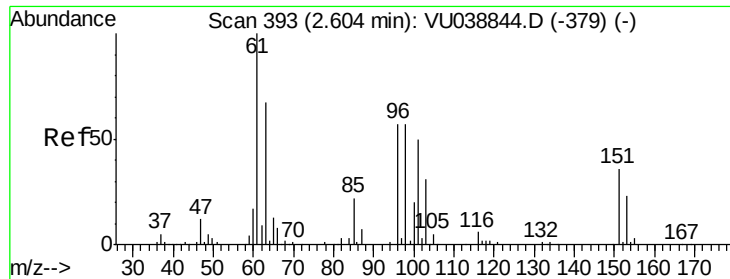
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 02:52:53 2020
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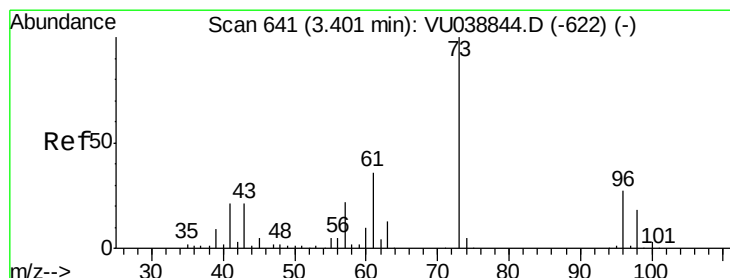
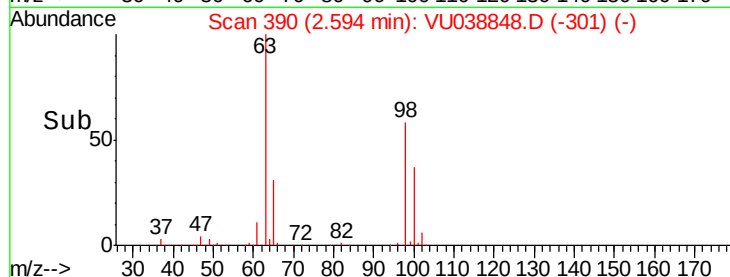
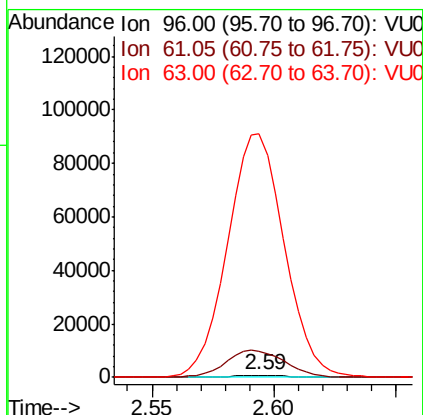
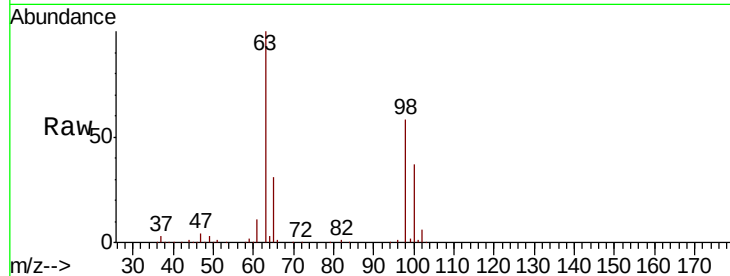




#12
 1,1-Dichloroethene
 Concen: 0.064 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU038848.D
 Acq: 12 Jun 2020 14:00

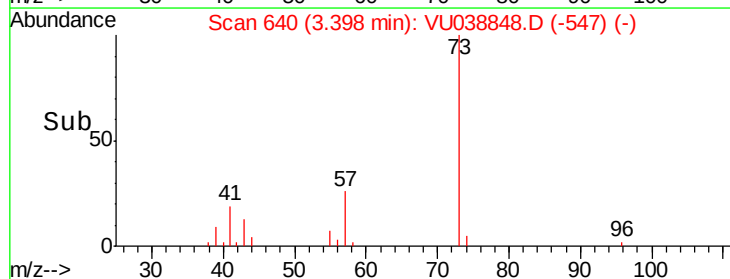
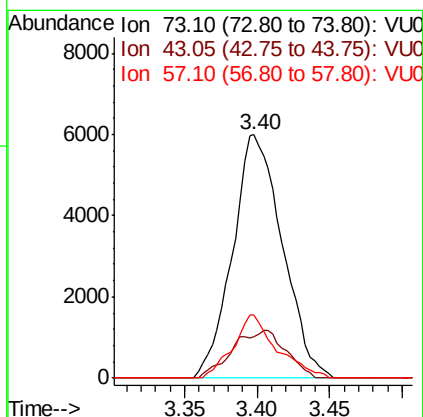
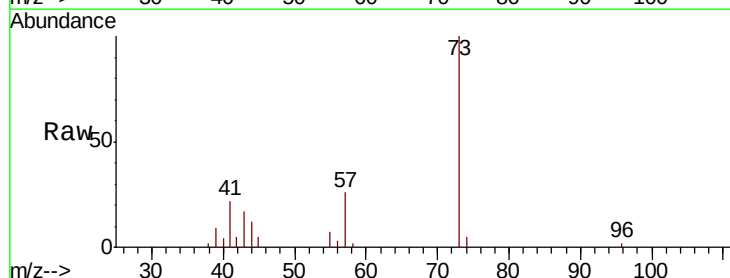
Instrument :
 MSVOA_U
 ClientSampleId :

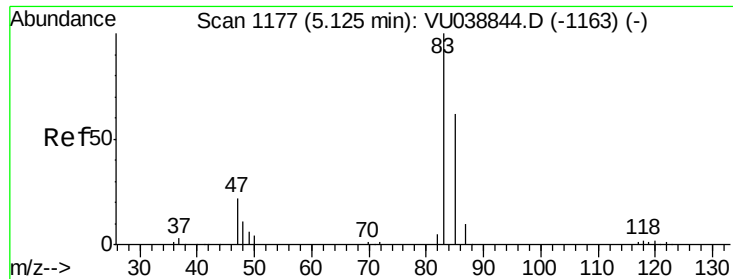
Tot Ion: 96 Resp: 1250
 Ion Ratio Lower Upper
 96 100
 61 1199.9 120.2 223.2#
 63 11240.5 90.1 167.3#



#17
 Methyl tert-butyl Ether
 Concen: 0.284 ug/L
 RT: 3.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: VU038848.D
 Acq: 12 Jun 2020 14:00

Tgt Ion: 73 Resp: 14308
 Ion Ratio Lower Upper
 73 100
 43 8.4 15.9 23.9#
 57 22.7 17.5 26.3

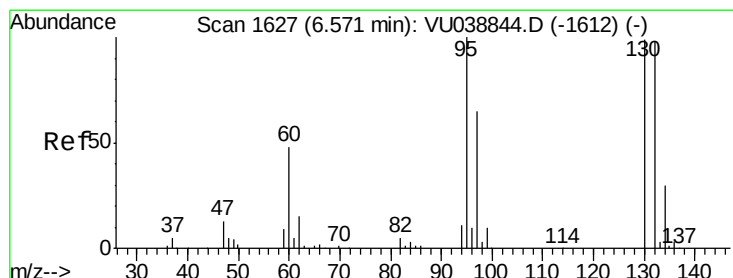
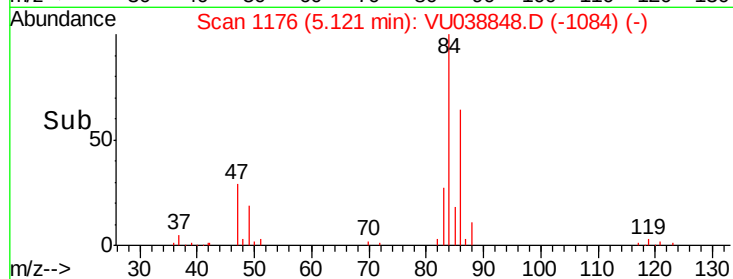
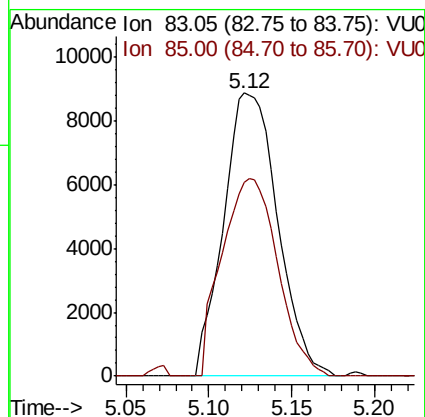
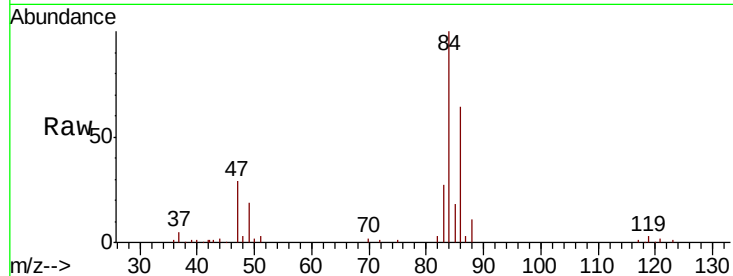




#25
Chloroform
Concen: 0.518 ug/L
RT: 5.12 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VU038848.D
Acq: 12 Jun 2020 14:00

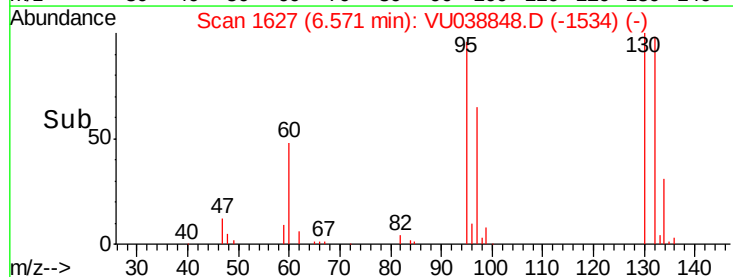
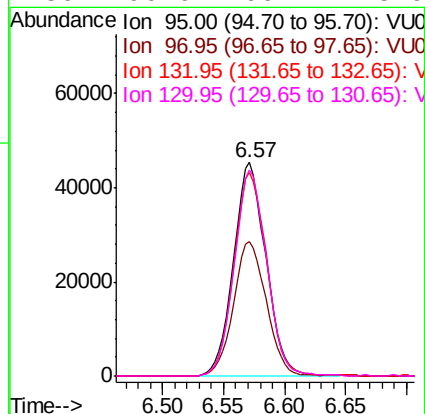
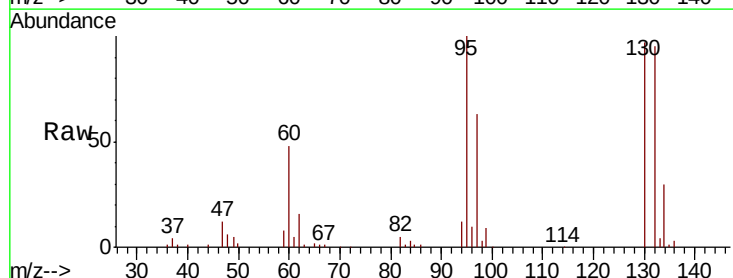
Instrument :
MSVOA_U
ClientSampleId :

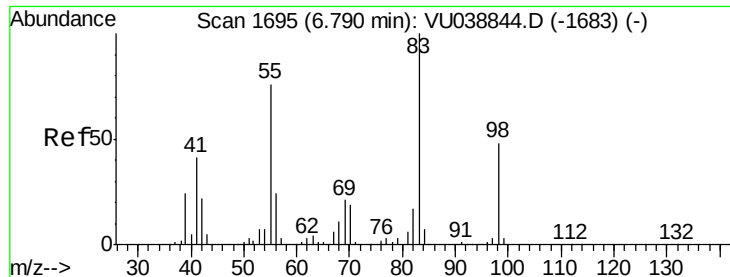
Tot Ion: 83 Resp: 20178
Ion Ratio Lower Upper
83 100
85 68.4 44.1 81.9



#34
Trichloroethene
Concen: 3.816 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038848.D
Acq: 12 Jun 2020 14:00

Tgt Ion: 95 Resp: 83953
Ion Ratio Lower Upper
95 100
97 62.9 46.1 85.5
132 95.0 67.5 125.3
130 96.6 66.7 123.9

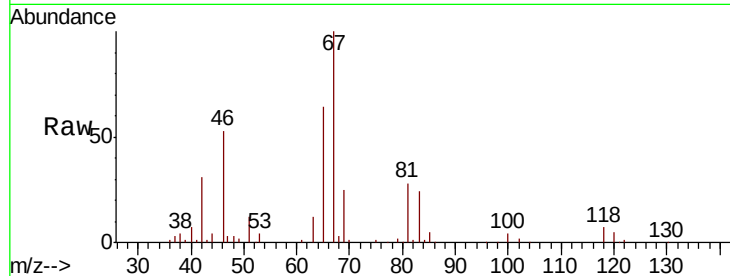




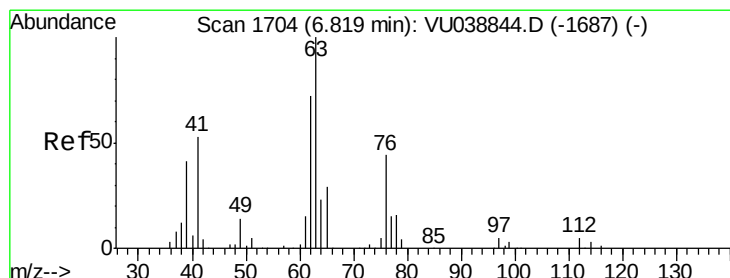
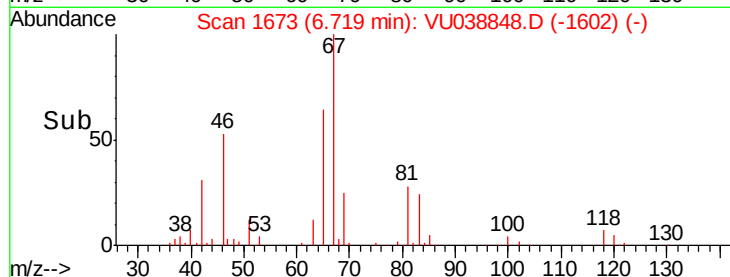
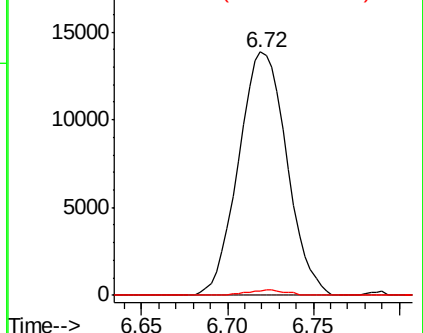
#35
Methylvlcyclohexane
Concen: 0.789 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038848.D
Acq: 12 Jun 2020 14:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26990
Ion Ratio Lower Upper
83 100
55 0.0 64.2 96.2#
98 1.7 40.5 60.7#

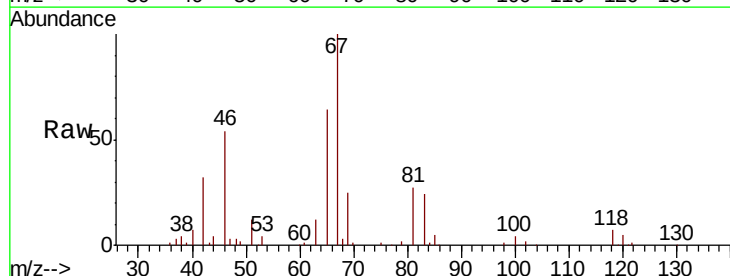


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

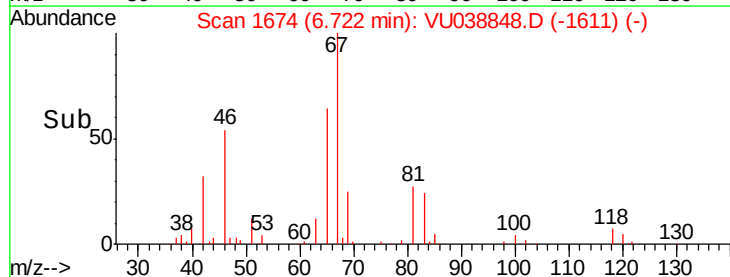
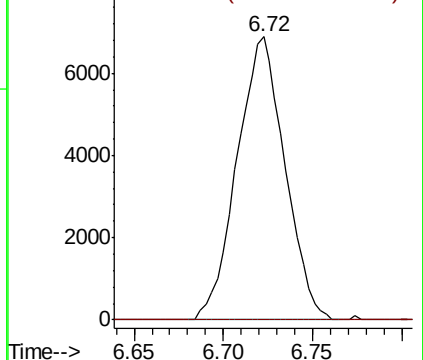


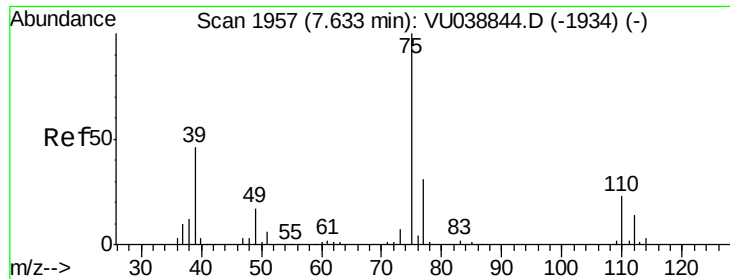
#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038848.D
Acq: 12 Jun 2020 14:00

Tgt Ion: 63 Resp: 12889
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

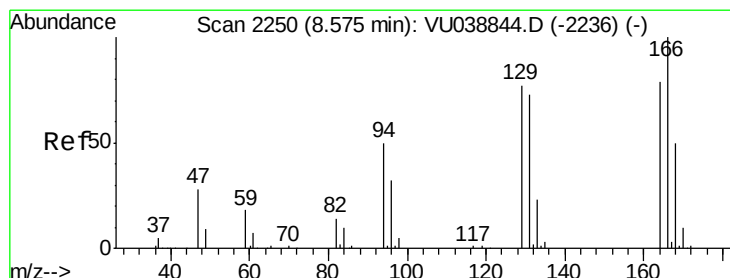
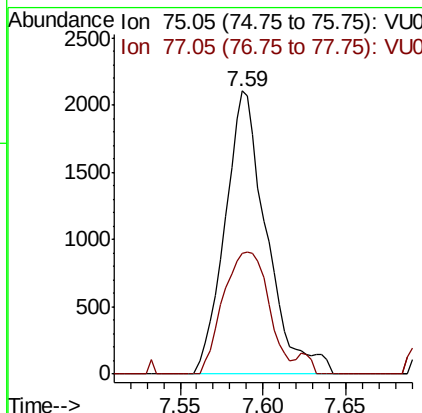
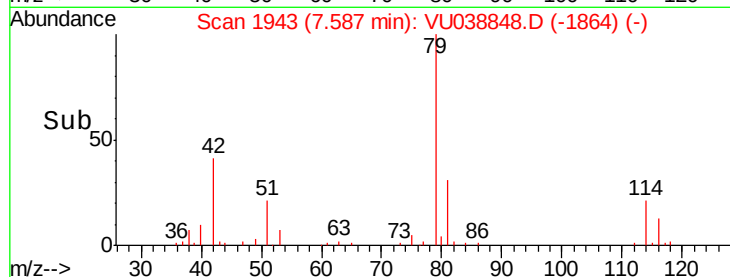
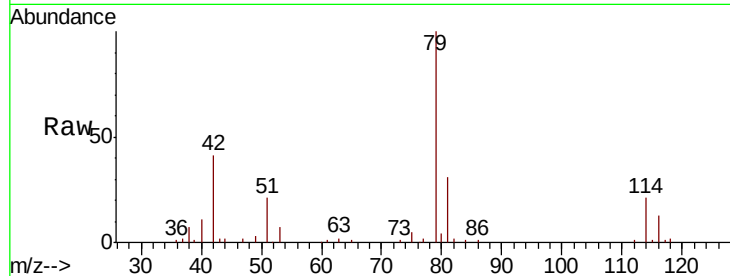




#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038848.D
 Acq: 12 Jun 2020 14:00

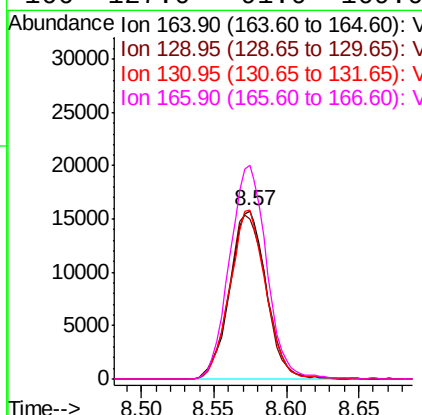
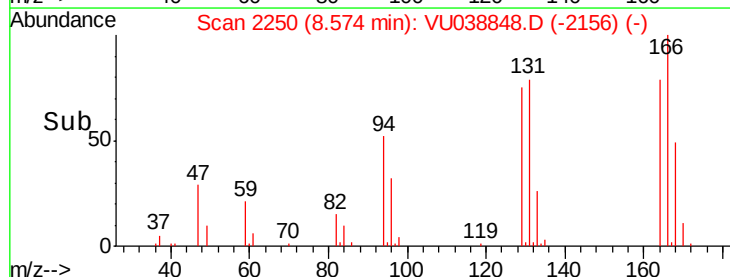
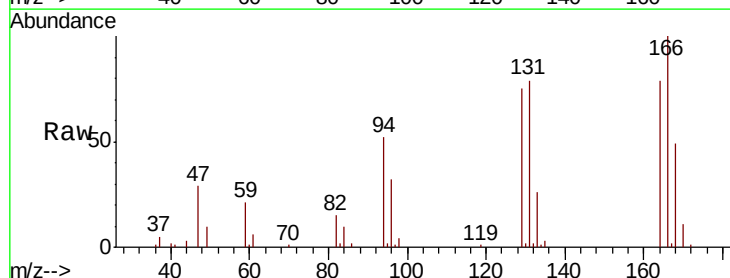
Instrument :
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 ClientSampleId :

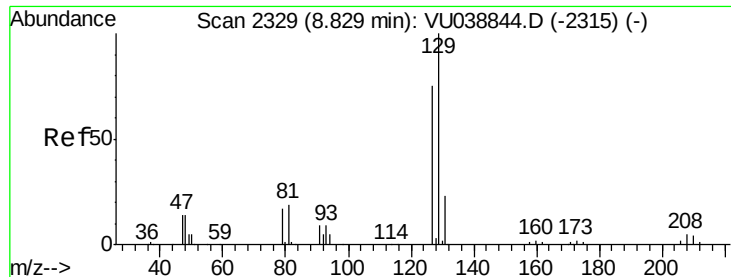
Tot Ion: 75 Resp: 3682
 Ion Ratio Lower Upper
 75 100
 77 42.6 22.4 41.6#



#47
 Tetrachloroethene
 Concen: 1.630 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038848.D
 Acq: 12 Jun 2020 14:00

Tgt Ion:164 Resp: 27605
 Ion Ratio Lower Upper
 164 100
 129 95.2 67.3 124.9
 131 100.5 65.0 120.6
 166 127.0 91.0 169.0

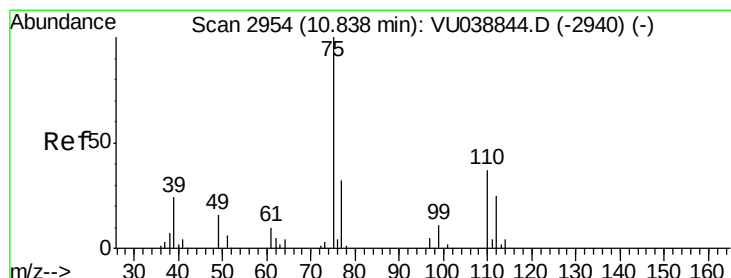
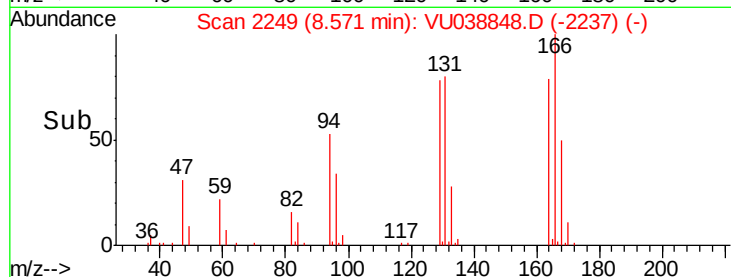
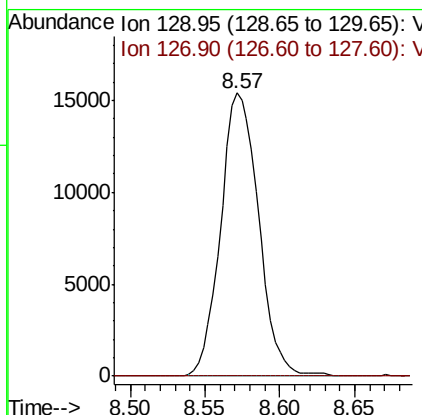
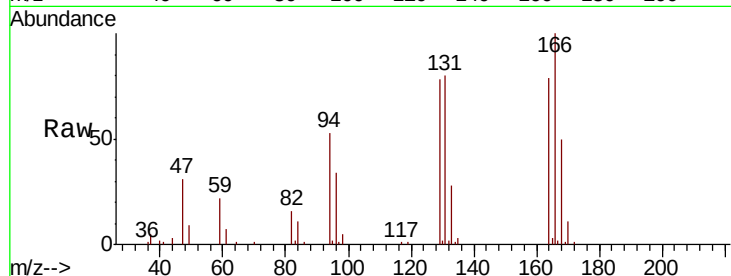




#49
 Dibromochloromethane
 Concen: 1.505 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.26 min
 Lab File: VU038848.D
 Acq: 12 Jun 2020 14:00

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 27199
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.5 103.1#



#59
 1,2,3-Trichloropropane
 Concen: 1.055 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU038848.D
 Acq: 12 Jun 2020 14:00

Tgt Ion: 75 Resp: 16601
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.8 38.8

