

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061220\
 Data File : VU038828.D
 Acq On : 11 Jun 2020 16:34
 Operator : SY/MD
 Sample : L2957-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX45

Quant Time: Jun 12 01:05:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 01:02:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	276302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	277588	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	130016	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67019	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.93	69	64442	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.59	63	117139	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.69	46	323450	59.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.08%
24) Chloroform-d	5.10	84	176605	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.74	65	108461	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.76	84	338935	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.72	67	108709	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.92	98	278104	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	41201	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.66	63	260406	57.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96456	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	117929	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

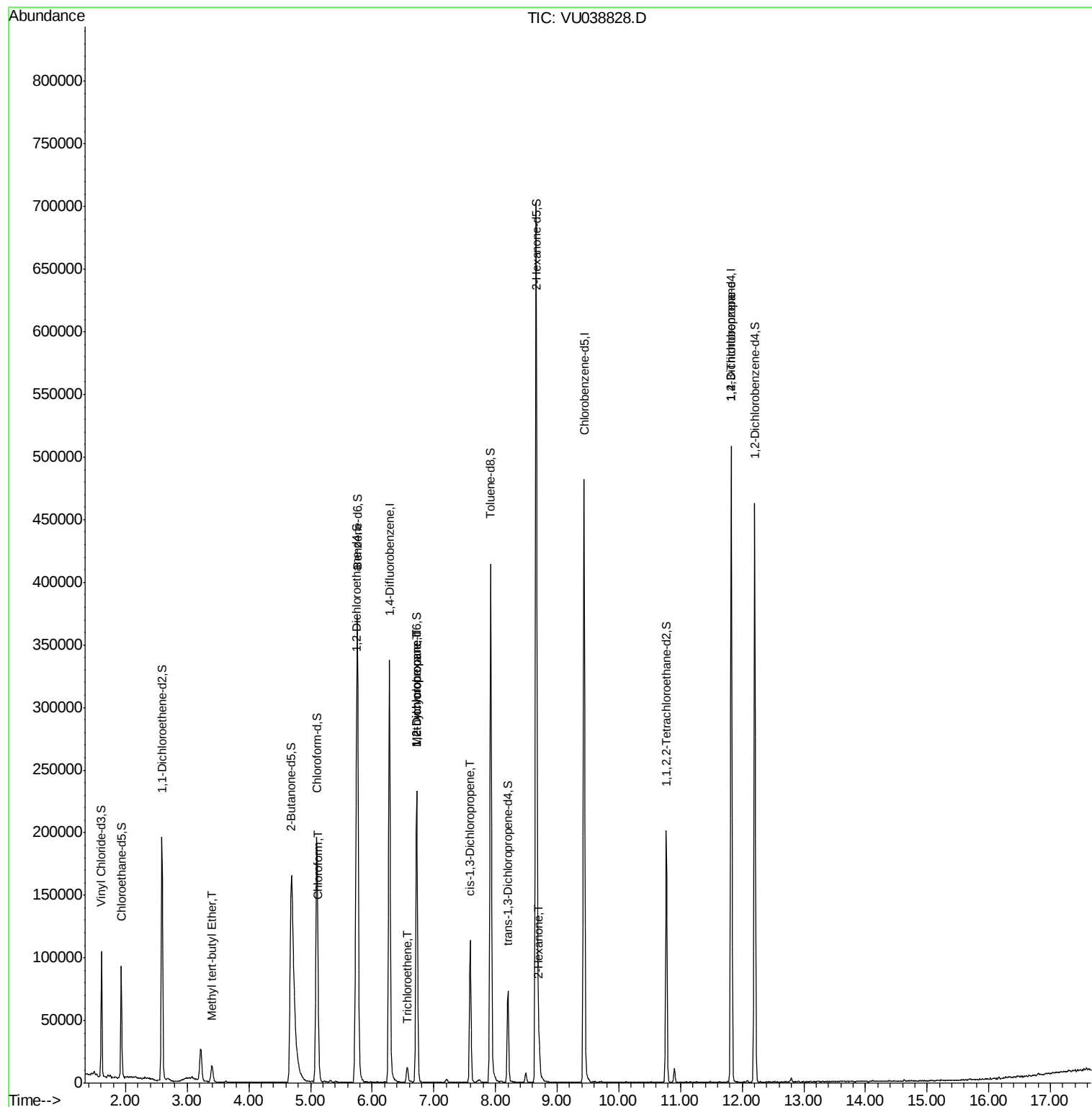
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	15592	0.349 ug/L	94
25) Chloroform	5.13	83	18197	0.546 ug/L	95
34) Trichloroethene	6.57	95	2919	0.145 ug/L	89
35) Methylcyclohexane	6.72	83	25947	0.834 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12196	0.626 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3212	0.112 ug/L #	54
48) 2-Hexanone	8.71	43	12131	1.150 ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	17104	1.176 ug/L	91

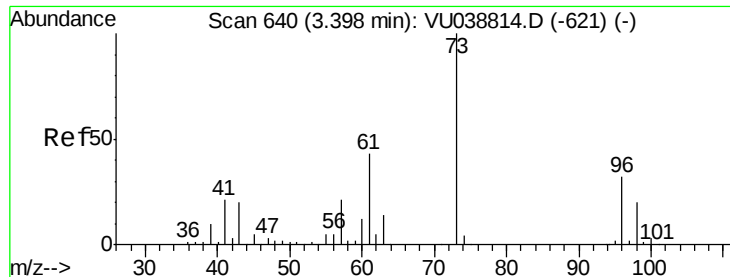
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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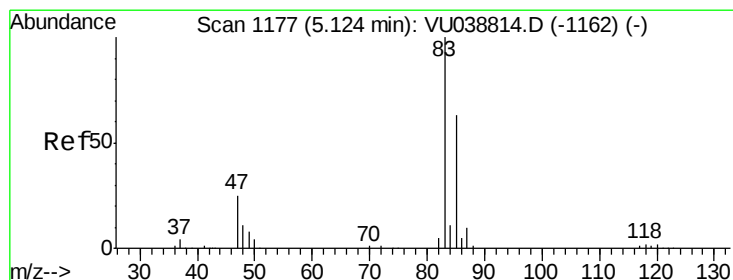
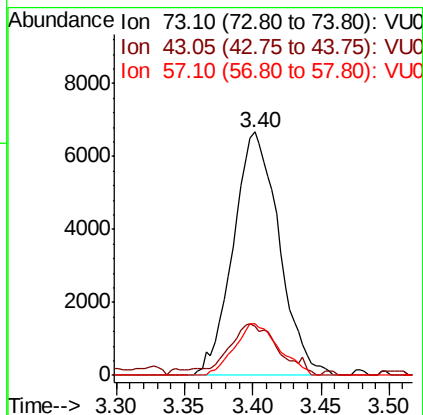
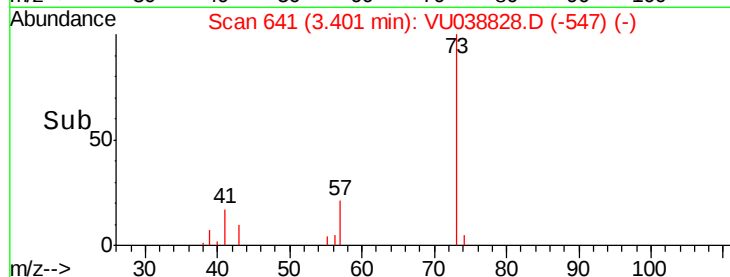
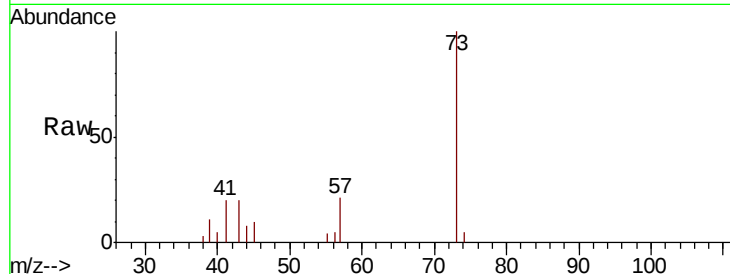




#17
Methvl tert-butvl Ether
Concen: 0.349 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU038828.D
Acq: 11 Jun 2020 16:34

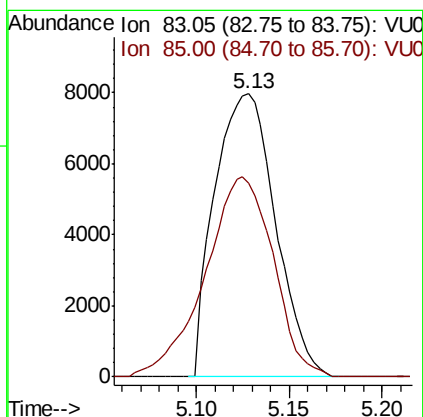
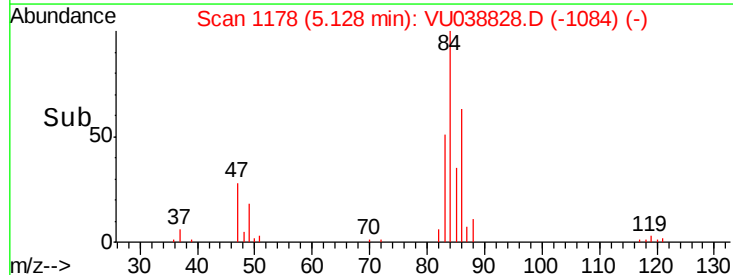
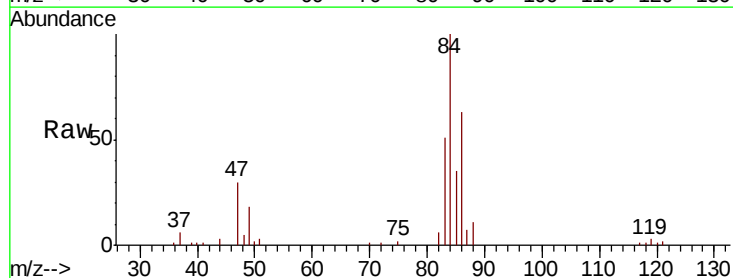
Instrument :
MSVOA_U
ClientSampleId :
BFX45

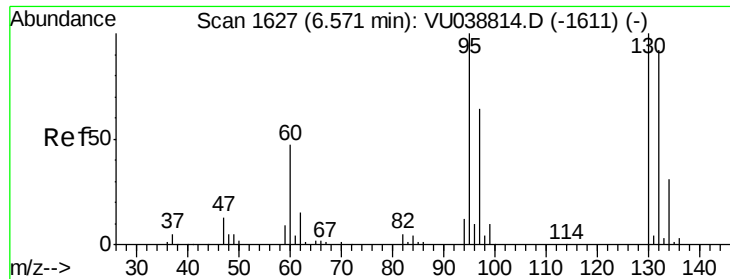
Tot Ion: 73 Resp: 15592
Ion Ratio Lower Upper
73 100
43 23.1 15.5 23.3
57 20.5 17.8 26.6



#25
Chloroform
Concen: 0.546 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038828.D
Acq: 11 Jun 2020 16:34

Tgt Ion: 83 Resp: 18197
Ion Ratio Lower Upper
83 100
85 68.3 44.9 83.5

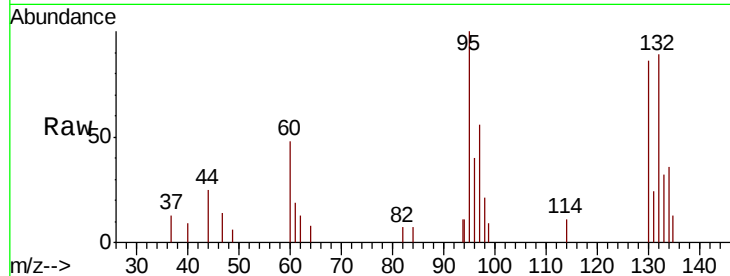




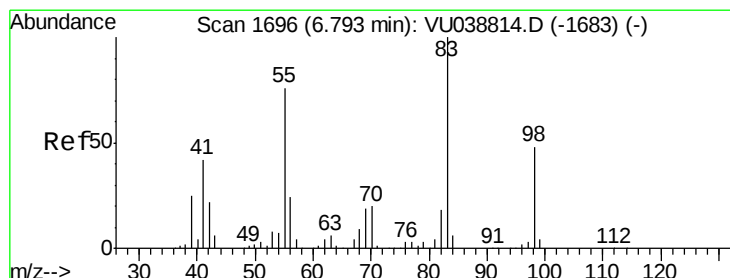
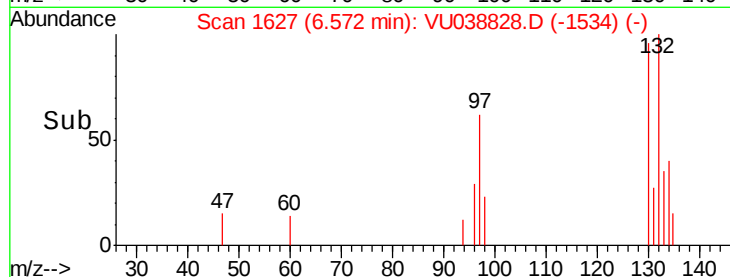
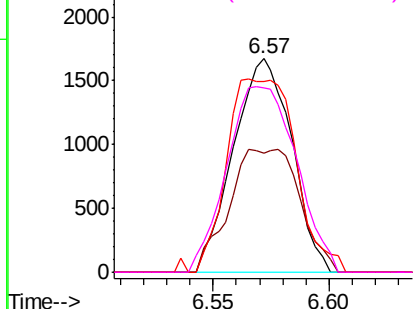
#34
 Trichloroethene
 Concen: 0.145 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038828.D
 Acq: 11 Jun 2020 16:34

Instrument :
 MSVOA_U
 ClientSampleID :
 BFX45

Tot Ion: 95 Resp: 2919
 Ion Ratio Lower Upper
 95 100
 97 55.7 46.8 87.0
 132 89.2 66.1 122.7
 130 86.1 70.0 130.0

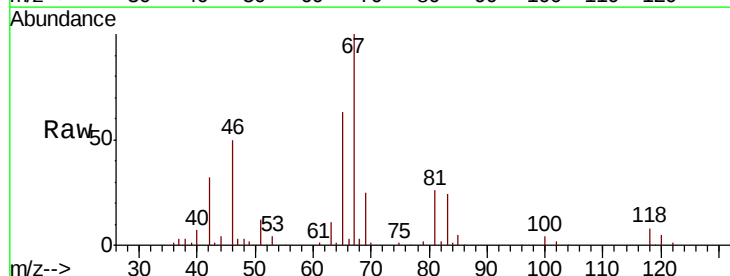


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

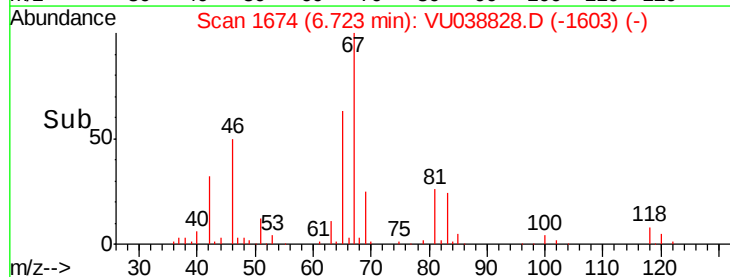
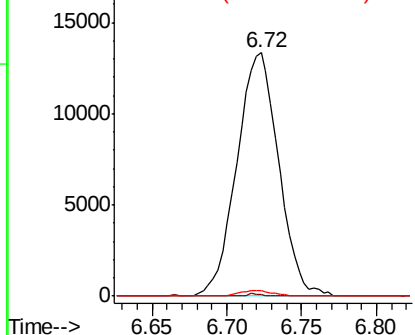


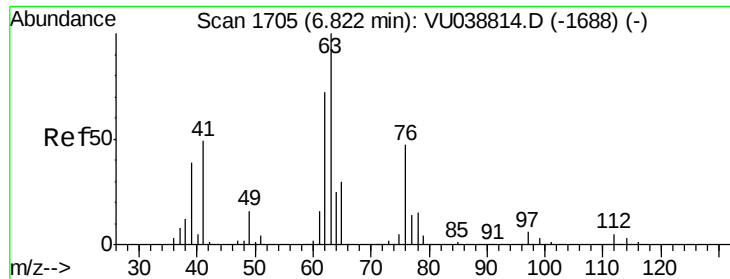
#35
 Methylcyclohexane
 Concen: 0.834 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU038828.D
 Acq: 11 Jun 2020 16:34

Tgt Ion: 83 Resp: 25947
 Ion Ratio Lower Upper
 83 100
 55 0.3 63.4 95.2#
 98 1.7 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

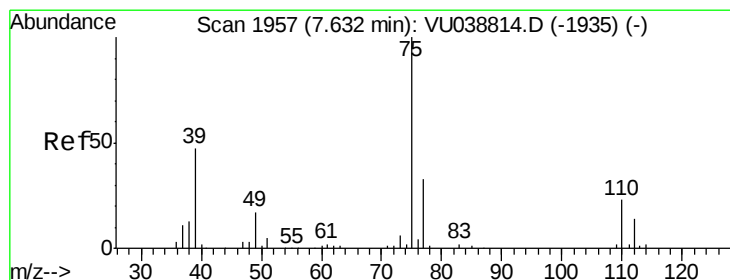
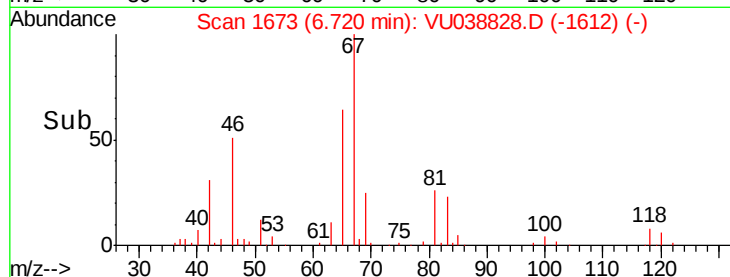
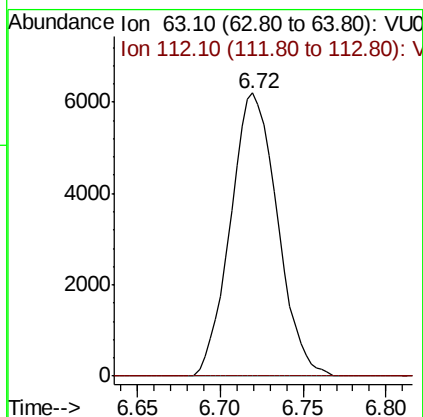
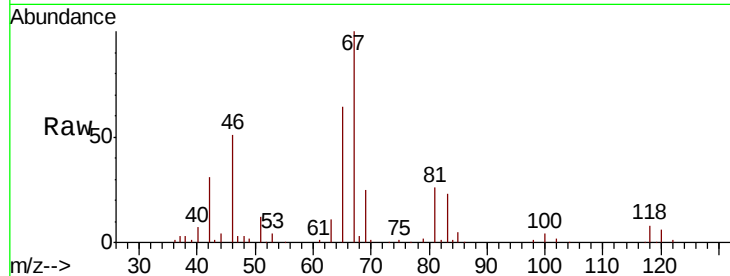




#37
 1,2-Dichloropropane
 Concen: 0.626 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038828.D
 Acq: 11 Jun 2020 16:34

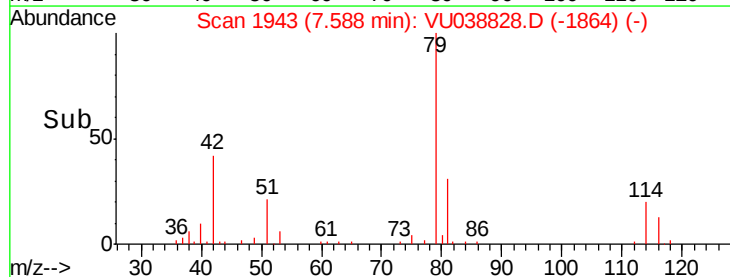
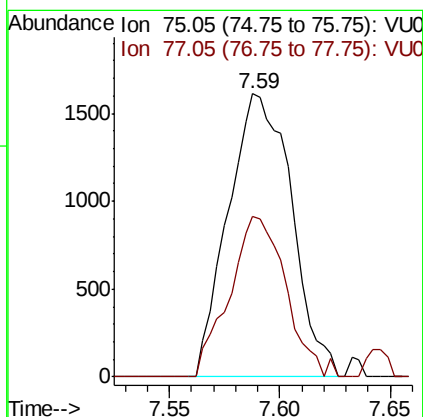
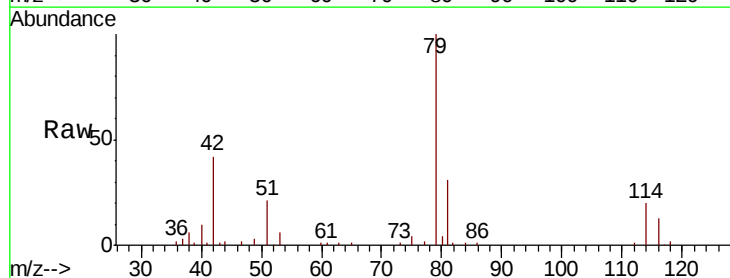
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 ClientSampled :
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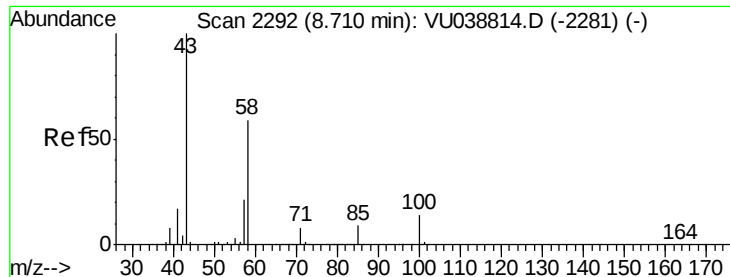
Tot Ion: 63 Resp: 12196
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038828.D
 Acq: 11 Jun 2020 16:34

Tgt Ion: 75 Resp: 3212
 Ion Ratio Lower Upper
 75 100
 77 56.5 21.9 40.7#

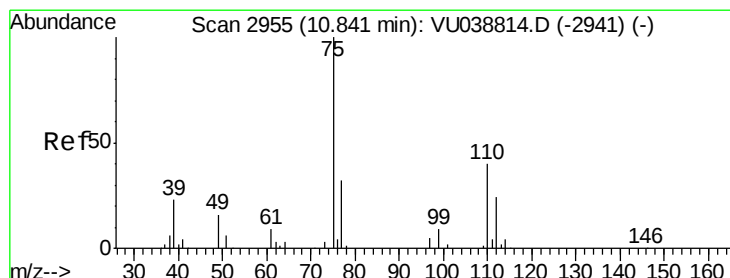
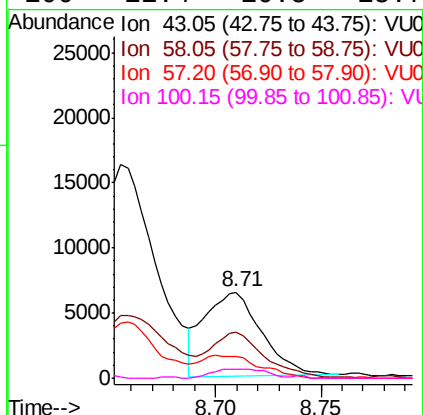
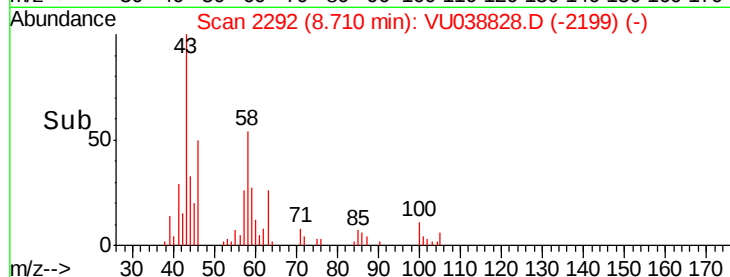
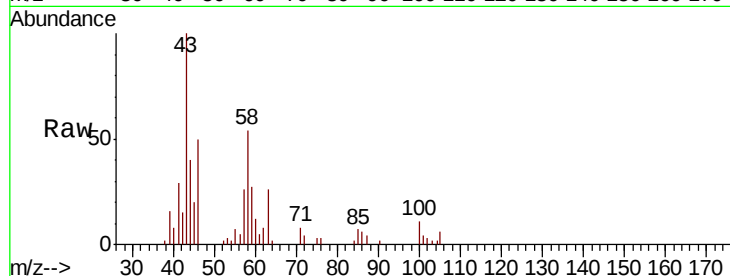




#48
2-Hexanone
Concen: 1.150 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038828.D
Acq: 11 Jun 2020 16:34

Instrument :
MSVOA_U
ClientSampled :
BFX45

Tot Ion: 43 Resp: 12131
Ion Ratio Lower Upper
43 100
58 48.7 45.4 68.0
57 28.6 15.9 23.9#
100 11.4 10.5 15.7



#59
1,2,3-Trichloropropane
Concen: 1.176 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038828.D
Acq: 11 Jun 2020 16:34

Tgt Ion: 75 Resp: 17104
Ion Ratio Lower Upper
75 100
77 37.1 25.4 38.2

