

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036203.D
 Acq On : 13 Dec 2019 18:02
 Operator : JC/MD
 Sample : K6167-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Dec 14 01:22:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 01:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	248522	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	269510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93867	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	97713	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	95027	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.59	63	106294	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.69	46	194839	47.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.04%
24) Chloroform-d	5.11	84	139097	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	5.75	65	90286	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.77	84	310040	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.73	67	102981	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.93	98	256750	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.21	79	38295	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.68	63	153871	45.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.64%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	90830	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	92899	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

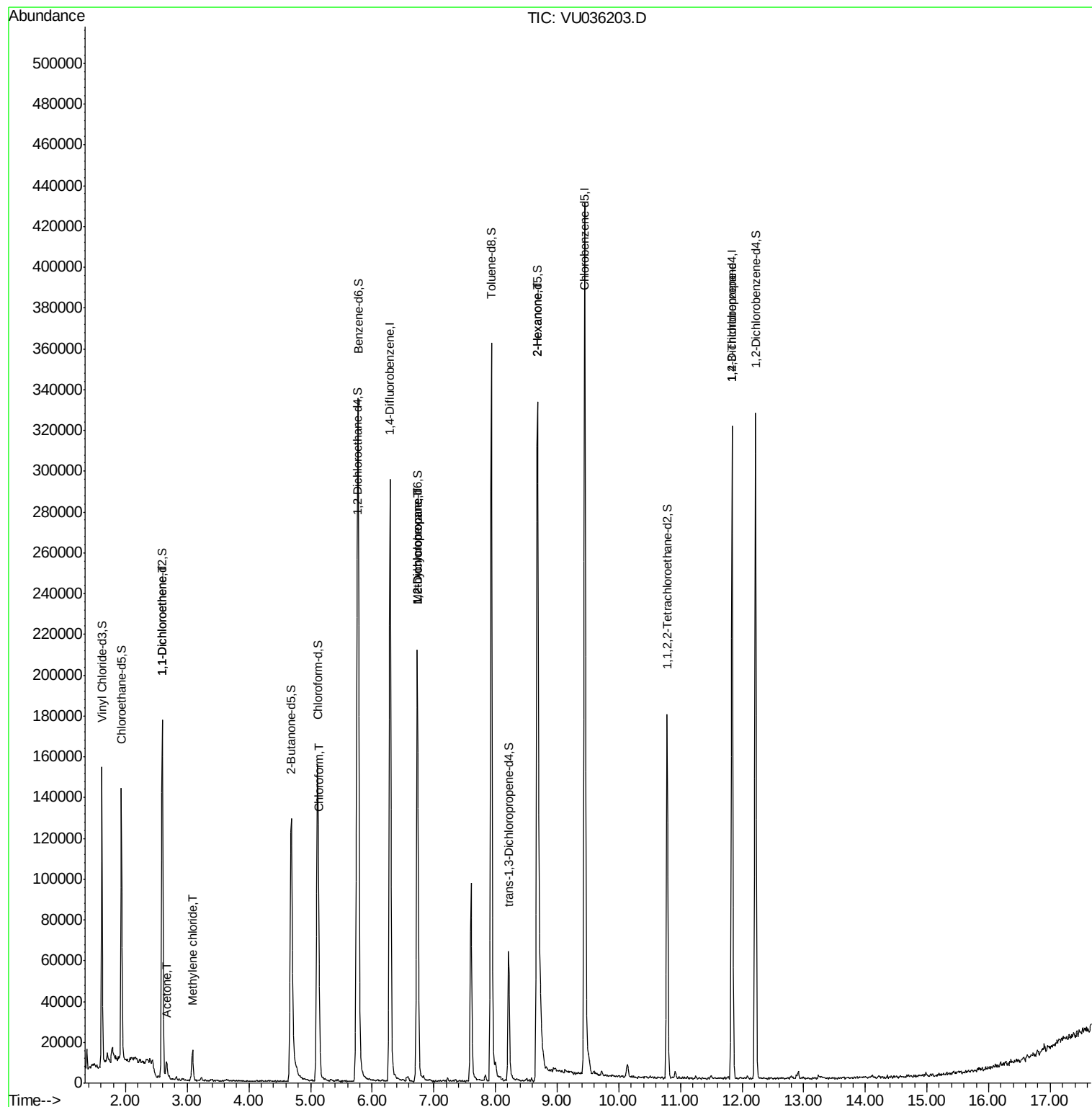
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1109	0.060 ug/L #	1
13) Acetone	2.66	43	9019	2.524 ug/L	100
16) Methylene chloride	3.08	84	7195	0.265 ug/L	98
25) Chloroform	5.14	83	28840	0.748 ug/L	91
35) Methylcyclohexane	6.73	83	24928	0.821 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10446	0.494 ug/L #	87
48) 2-Hexanone	8.68	43	18689	2.266 ug/L #	65
59) 1,2,3-Trichloropropane	11.84	75	10088	0.718 ug/L	93

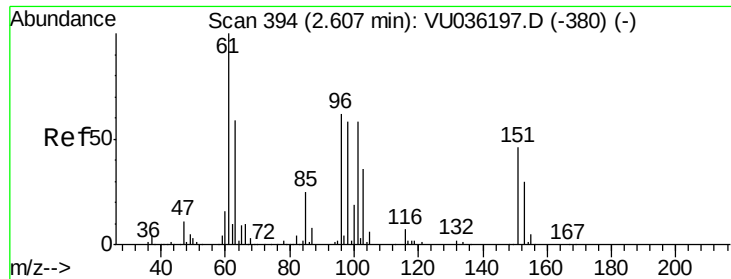
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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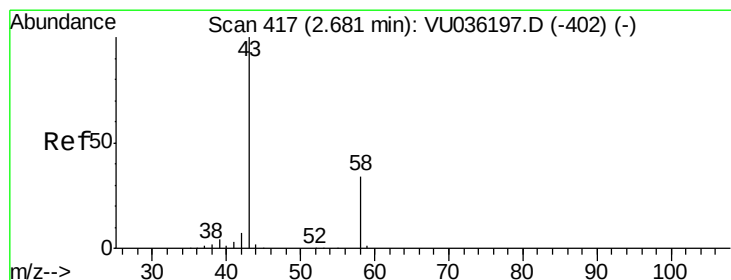
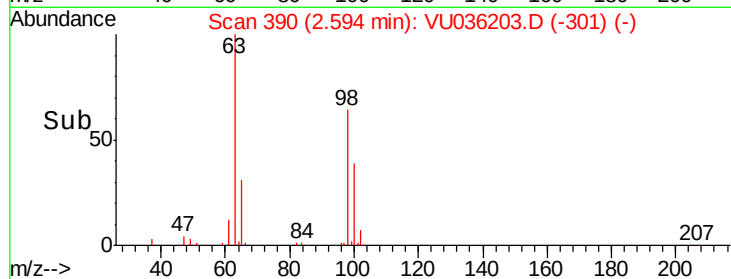
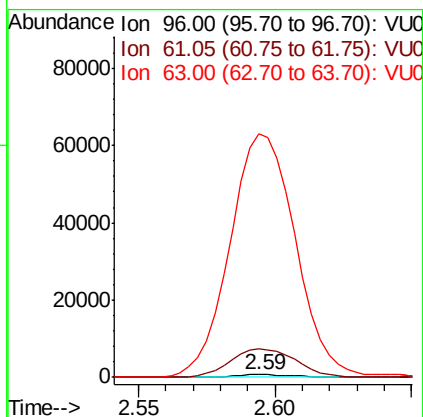
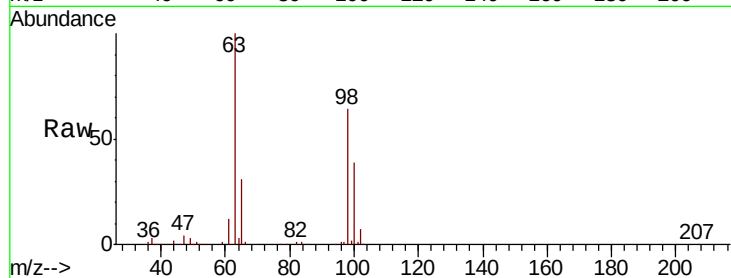




#12
 1,1-Dichloroethene
 Concen: 0.060 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU036203.D
 Acq: 13 Dec 2019 18:02

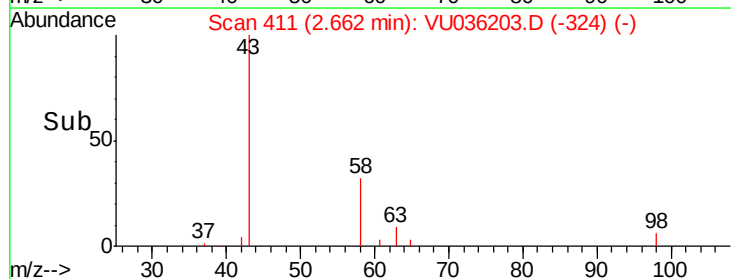
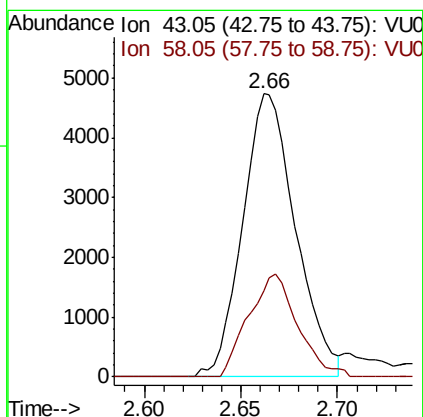
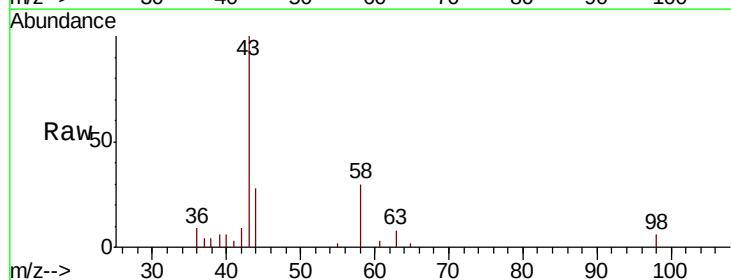
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

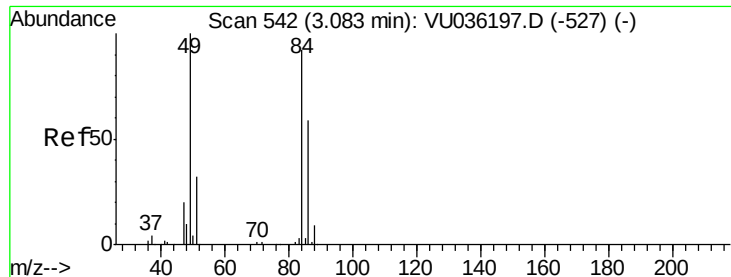
Tot Ion: 96 Resp: 1109
 Ion Ratio Lower Upper
 96 100
 61 978.9 114.0 211.8#
 63 8414.4 63.6 118.0#



#13
 Acetone
 Concen: 2.524 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. -0.02 min
 Lab File: VU036203.D
 Acq: 13 Dec 2019 18:02

Tgt Ion: 43 Resp: 9019
 Ion Ratio Lower Upper
 43 100
 58 33.8 0.0 67.6

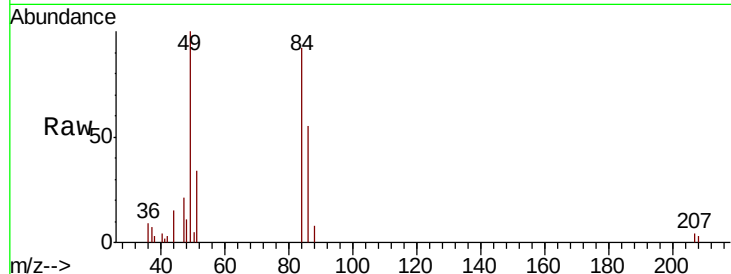




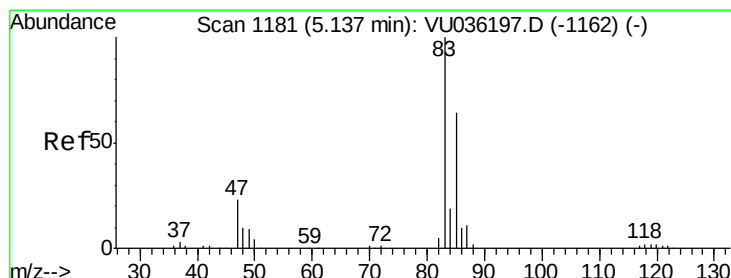
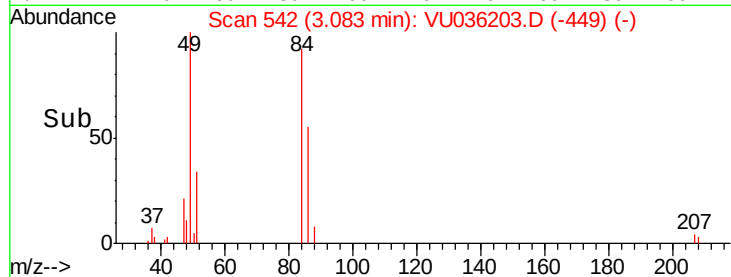
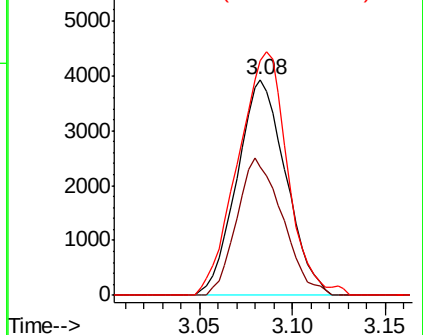
#16
Methylene chloride
Concen: 0.265 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036203.D
Acq: 13 Dec 2019 18:02

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 84 Resp: 7195
Ion Ratio Lower Upper
84 100
86 59.5 43.0 79.8
49 108.7 77.3 143.5

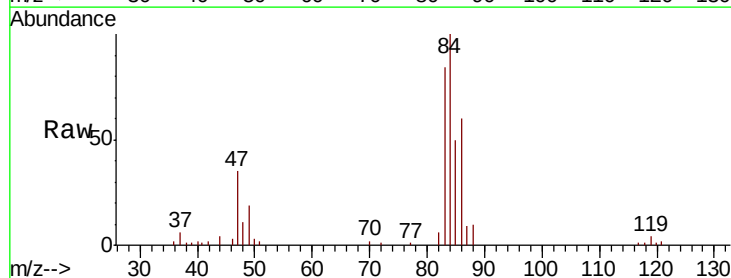


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

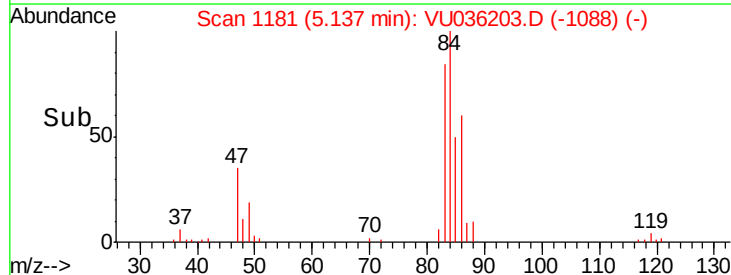
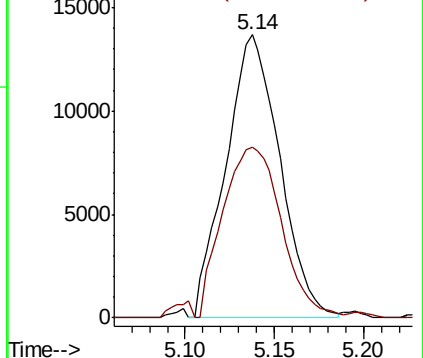


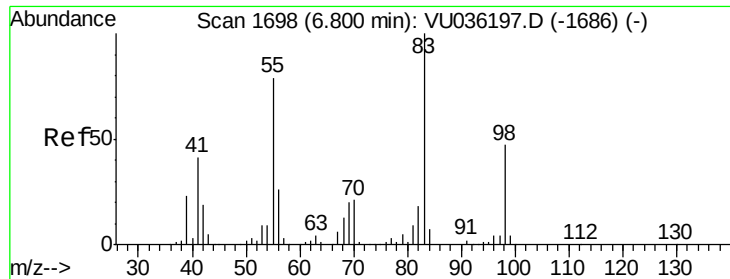
#25
Chloroform
Concen: 0.748 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036203.D
Acq: 13 Dec 2019 18:02

Tgt Ion: 83 Resp: 28840
Ion Ratio Lower Upper
83 100
85 60.3 47.5 88.1



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

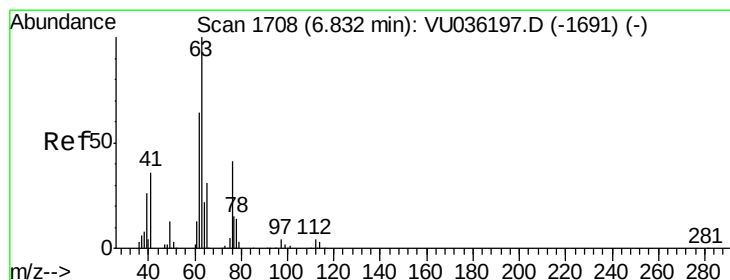
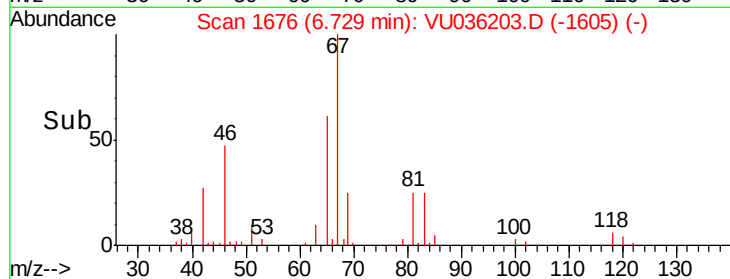
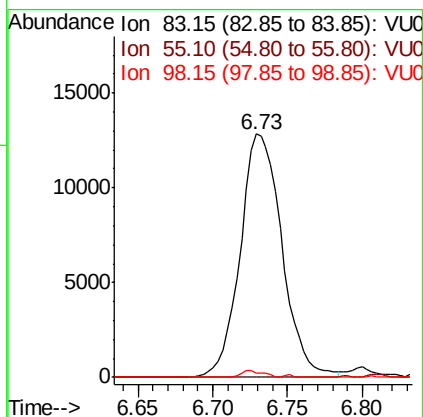
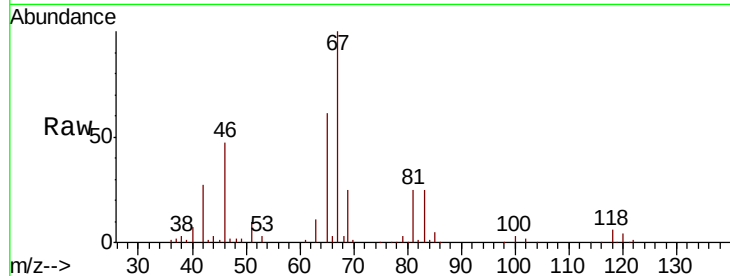




#35
Methylvlcyclohexane
Concen: 0.821 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036203.D
Acq: 13 Dec 2019 18:02

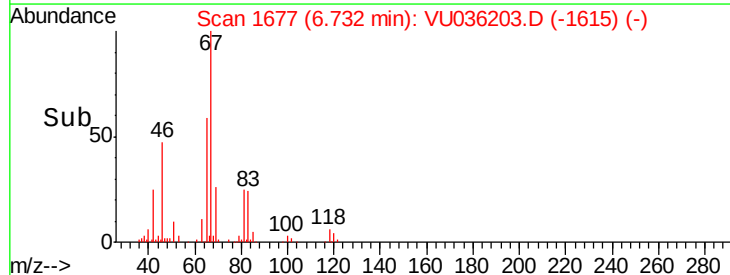
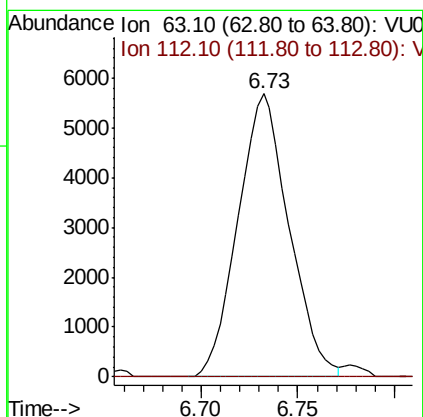
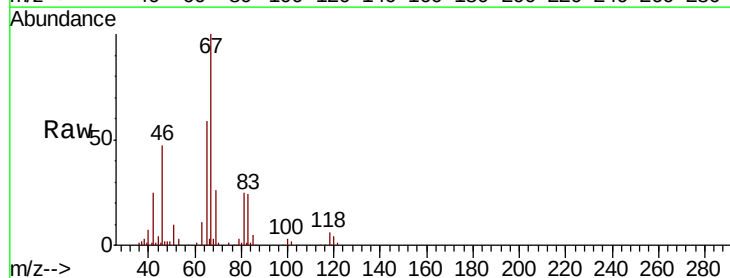
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

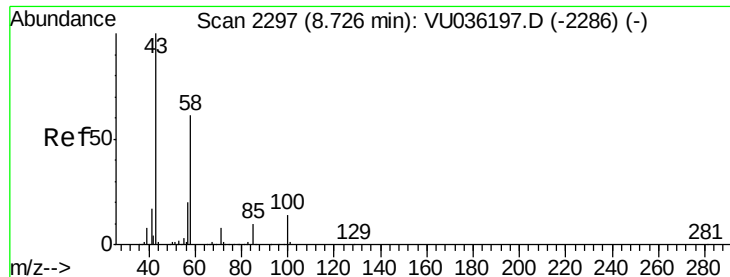
Tot Ion	83	Resp	24928
Ion Ratio	Lower	Upper	
83	100		
55	0.0	62.6	94.0#
98	1.5	36.2	54.2#



#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036203.D
Acq: 13 Dec 2019 18:02

Tgt Ion	63	Resp	10446
Ion Ratio	Lower	Upper	
63	100		
112	0.4	3.8	5.8#

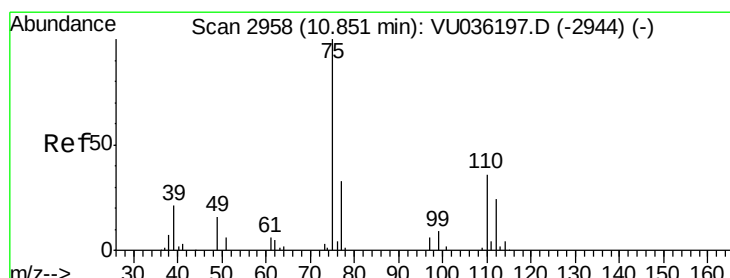
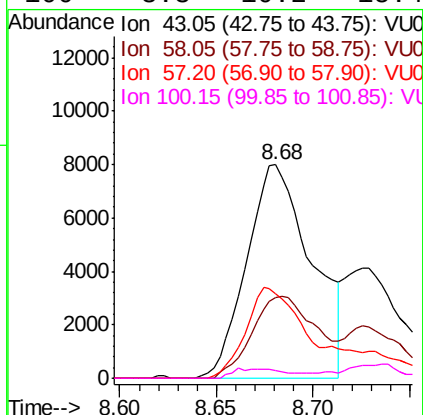
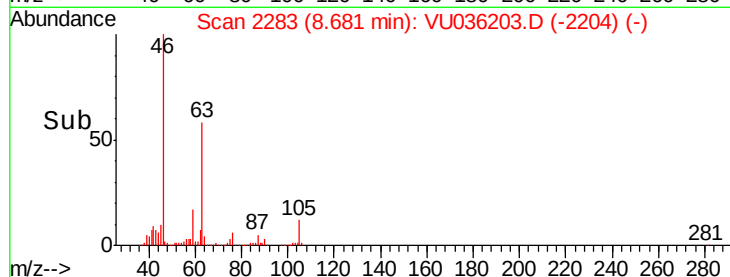
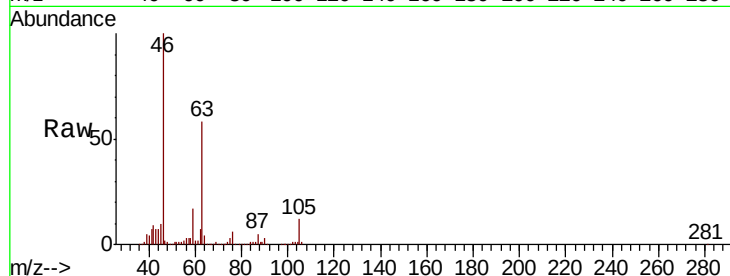




#48
2-Hexanone
Concen: 2.266 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.04 min
Lab File: VU036203.D
Acq: 13 Dec 2019 18:02

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 18689
Ion Ratio Lower Upper
43 100
58 38.3 46.2 69.2#
57 50.7 16.2 24.4#
100 3.3 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 0.718 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036203.D
Acq: 13 Dec 2019 18:02

Tgt Ion: 75 Resp: 10088
Ion Ratio Lower Upper
75 100
77 37.9 27.2 40.8

