

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
 Data File : VU036114.D
 Acq On : 11 Dec 2019 04:35
 Operator : JC/MD
 Sample : K6214-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 07:35:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	263430	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	290379	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	75281	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	117606	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.93	69	117643	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.59	63	130542	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.69	46	230044	57.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.00%
24) Chloroform-d	5.11	84	195527	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.75	65	100935	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.77	84	368474	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.73	67	115240	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.93	98	295361	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.21	79	41936	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.70	63	181199	54.21	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.42%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	108335	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	76619	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

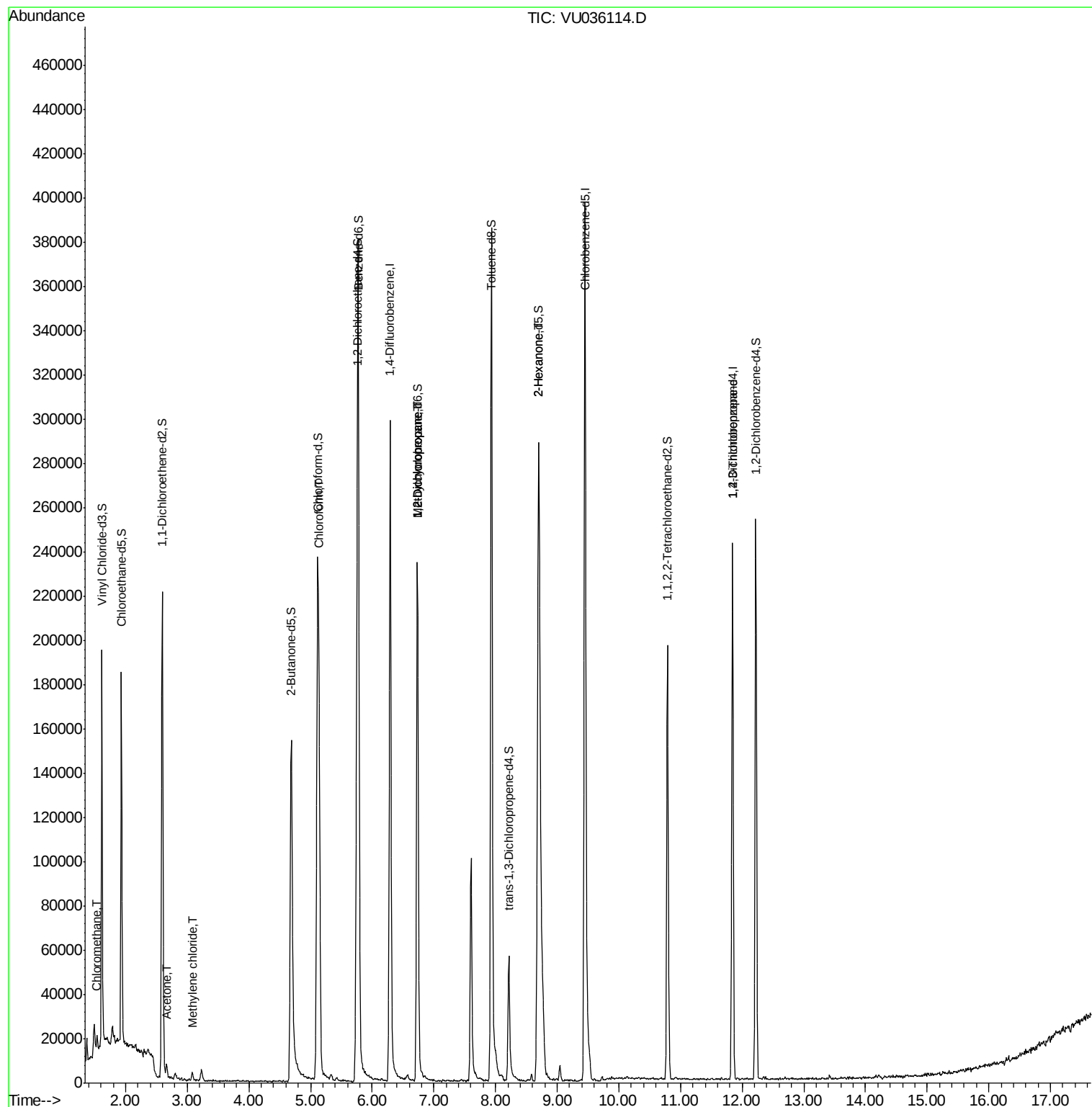
					Ovalue
3) Chloromethane	1.54	50	4216	0.167 ug/L	91
13) Acetone	2.66	43	6100	1.201 ug/L	92
16) Methylene chloride	3.09	84	1967	0.074 ug/L	81
25) Chloroform	5.14	83	127823	3.267 ug/L	100
35) Methylcyclohexane	6.73	83	29291	1.036 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11938	0.600 ug/L #	87
48) 2-Hexanone	8.70	43	20805	2.789 ug/L #	69
59) 1,2,3-Trichloropropane	11.85	75	7045	0.495 ug/L #	82

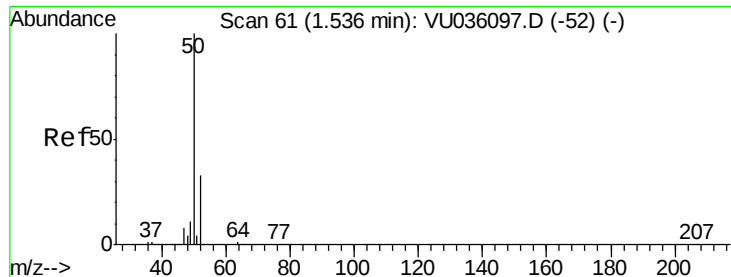
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 11 07:30:58 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.167 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036114.D

Acq: 11 Dec 2019 04:35

Instrument :

MSVOA_U

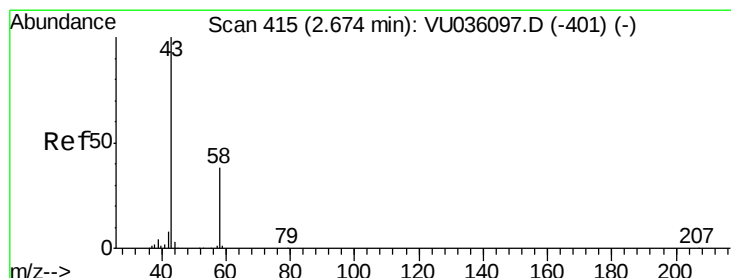
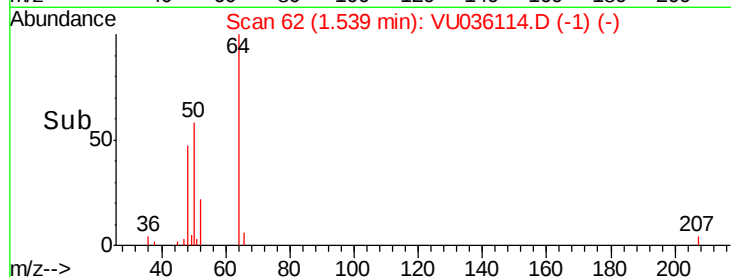
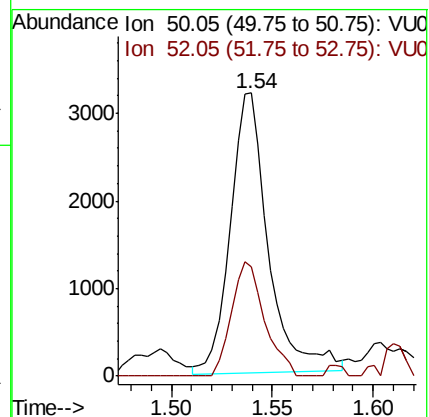
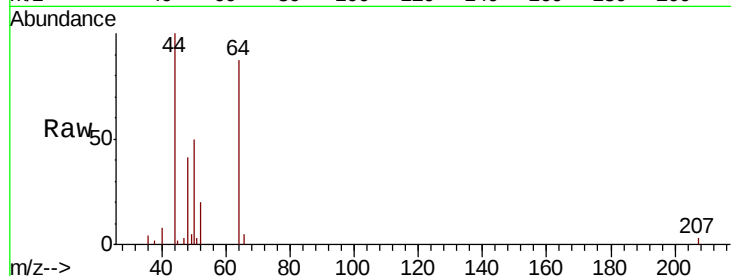
ClientSampleId :

Tot Ion: 50 Resp: 4216

Ion Ratio Lower Upper

50 100

52 38.7 23.6 43.8



#13

Acetone

Concen: 1.201 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036114.D

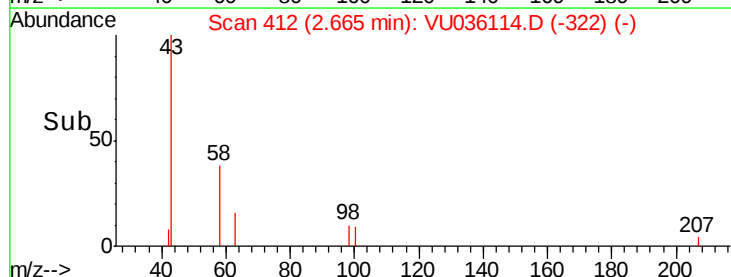
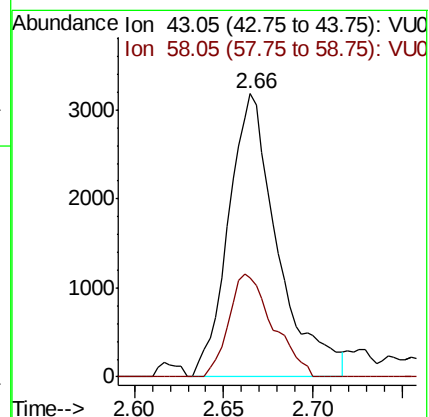
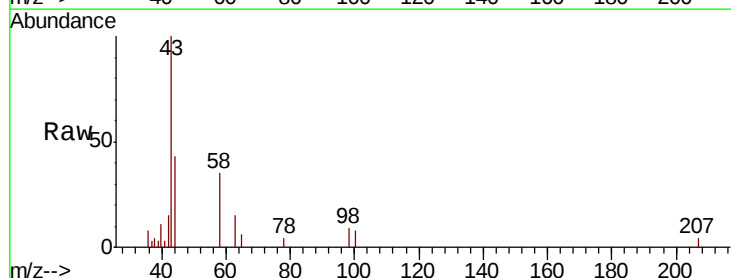
Acq: 11 Dec 2019 04:35

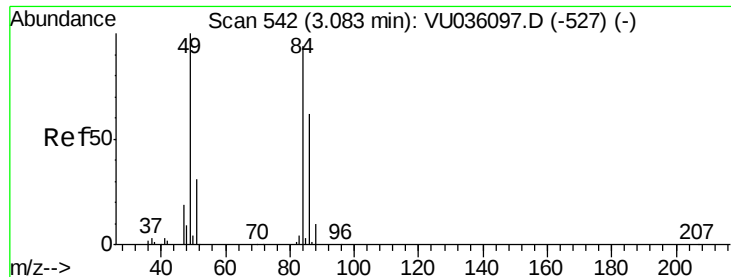
Tgt Ion: 43 Resp: 6100

Ion Ratio Lower Upper

43 100

58 32.6 0.0 74.2

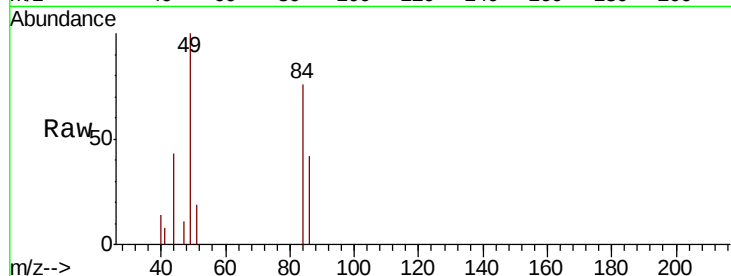




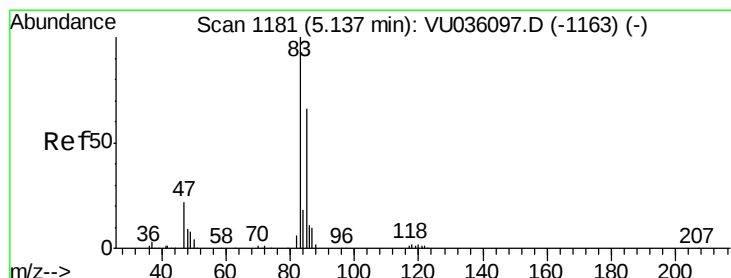
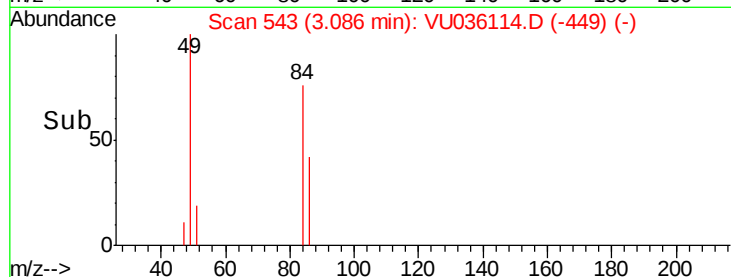
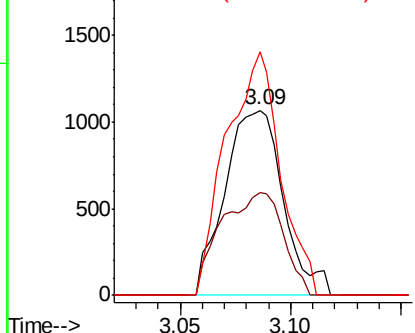
#16
Methvlene chloride
Concen: 0.074 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU036114.D
Acq: 11 Dec 2019 04:35

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 1967
Ion Ratio Lower Upper
84 100
86 55.6 47.5 88.3
49 131.6 76.9 142.9

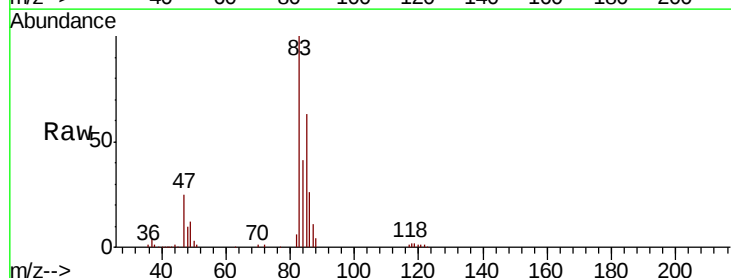


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

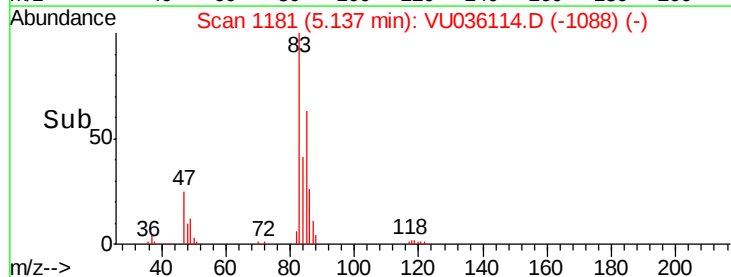
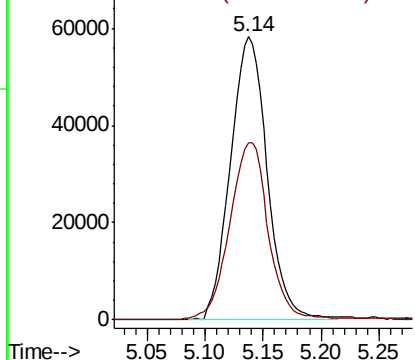


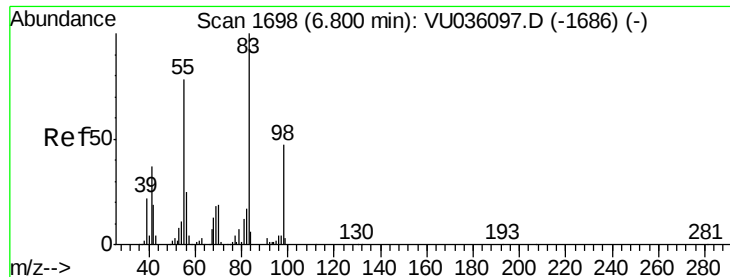
#25
Chloroform
Concen: 3.267 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036114.D
Acq: 11 Dec 2019 04:35

Tgt Ion: 83 Resp: 127823
Ion Ratio Lower Upper
83 100
85 62.6 43.9 81.5



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

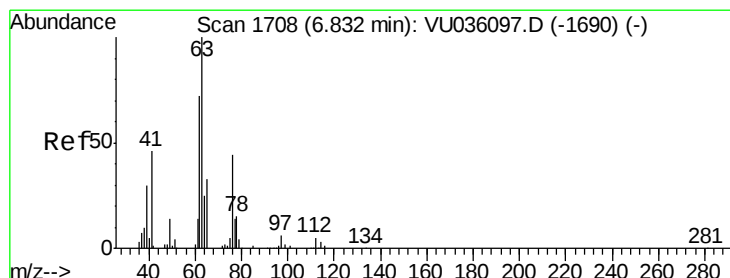
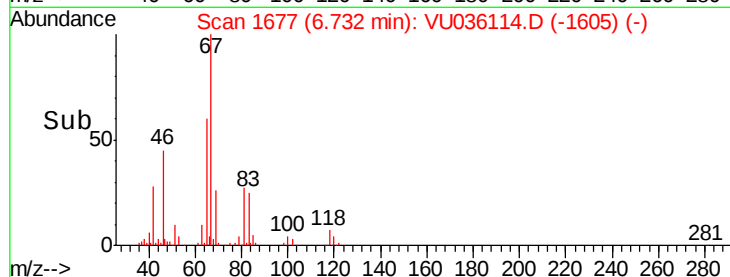
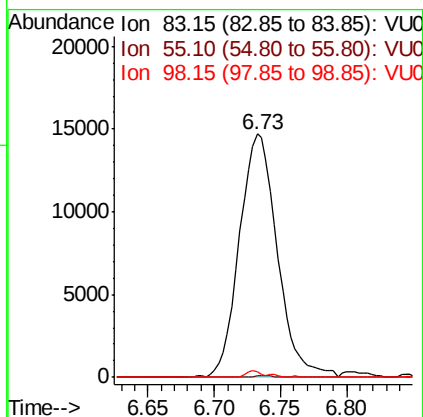
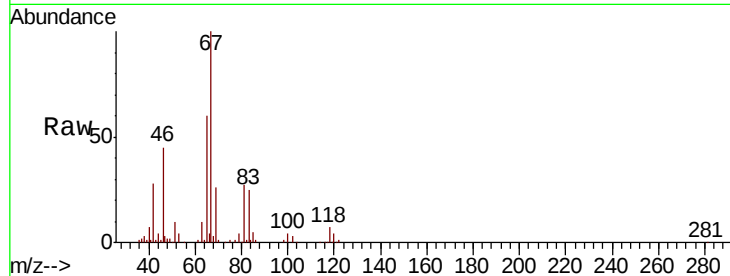




#35
Methvlcvclohexane
Concen: 1.036 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036114.D
Acq: 11 Dec 2019 04:35

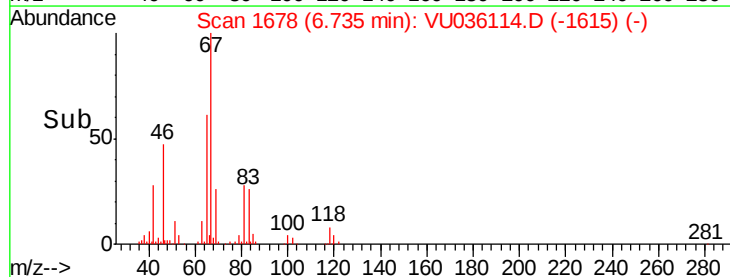
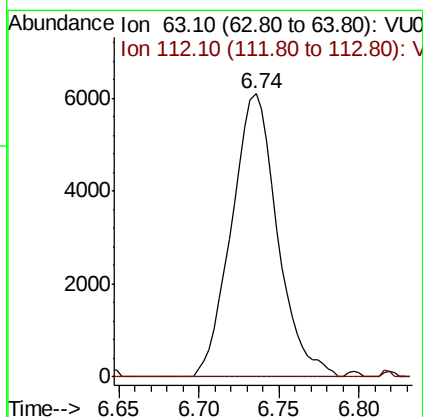
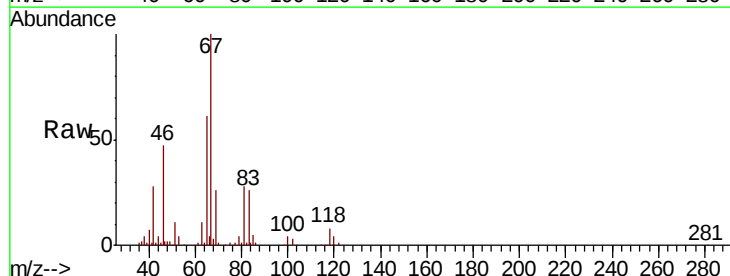
Instrument :
MSVOA_U
ClientSampleId :

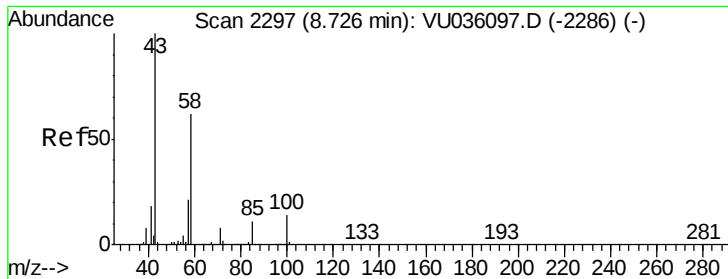
Tot Ion: 83 Resp: 29291
Ion Ratio Lower Upper
83 100
55 0.3 62.1 93.1#
98 1.3 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU036114.D
Acq: 11 Dec 2019 04:35

Tgt Ion: 63 Resp: 11938
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.8#

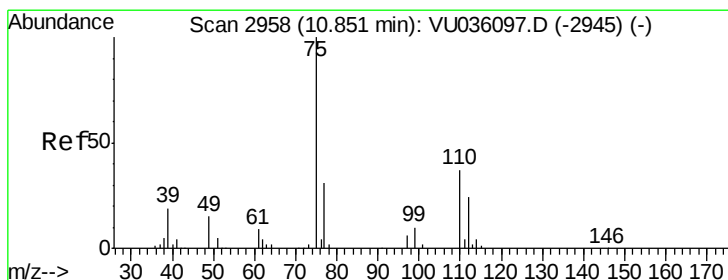
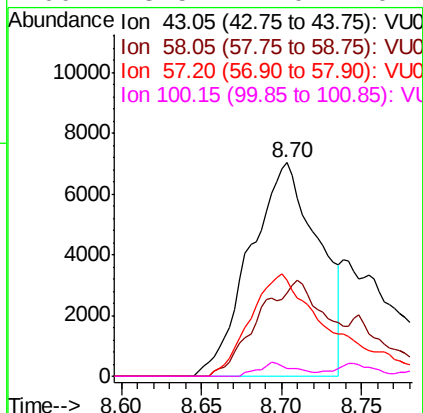
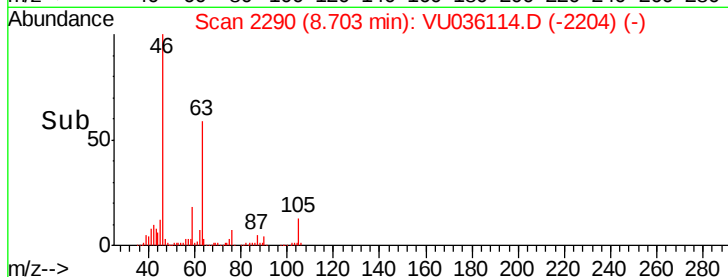
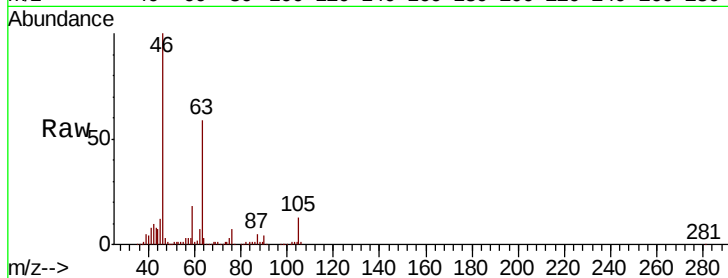




#48
 2-Hexanone
 Concen: 2.789 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.02 min
 Lab File: VU036114.D
 Acq: 11 Dec 2019 04:35

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	43	Resp:	20805
Ion	Ratio	Lower	Upper
43	100		
58	46.3	46.9	70.3#
57	56.3	16.4	24.6#
100	3.5	11.0	16.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.495 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. 1.00 min
 Lab File: VU036114.D
 Acq: 11 Dec 2019 04:35

Tgt Ion:	75	Resp:	7045
Ion	Ratio	Lower	Upper
75	100		
77	43.5	26.7	40.1#

