

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080719\
 Data File : VU033623.D
 Acq On : 07 Aug 2019 17:40
 Operator : JC/SP
 Sample : K4202-07 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B24

Quant Time: Aug 08 03:18:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 03:14:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	285901	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	291842	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	132681	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	93178	51.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.00%
7) Chloroethane-d5	1.67	69	85788	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.24%
11) 1,1-Dichloroethene-d2	2.26	63	122092	34.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.02%
21) 2-Butanone-d5	4.15	46	171184	115.65	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.65%
24) Chloroform-d	4.62	84	174460	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
26) 1,2-Dichloroethane-d4	5.29	65	120154	54.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.56%
32) Benzene-d6	5.32	84	341875	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.31	67	119623	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.74%
41) Toluene-d8	7.55	98	289691	43.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.24%
43) trans-1,3-Dichloropropene-	7.83	79	52165	45.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.82%
47) 2-Hexanone-d5	8.30	63	120145	107.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.55%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	189291	54.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	130251	54.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.32%

Target Compounds

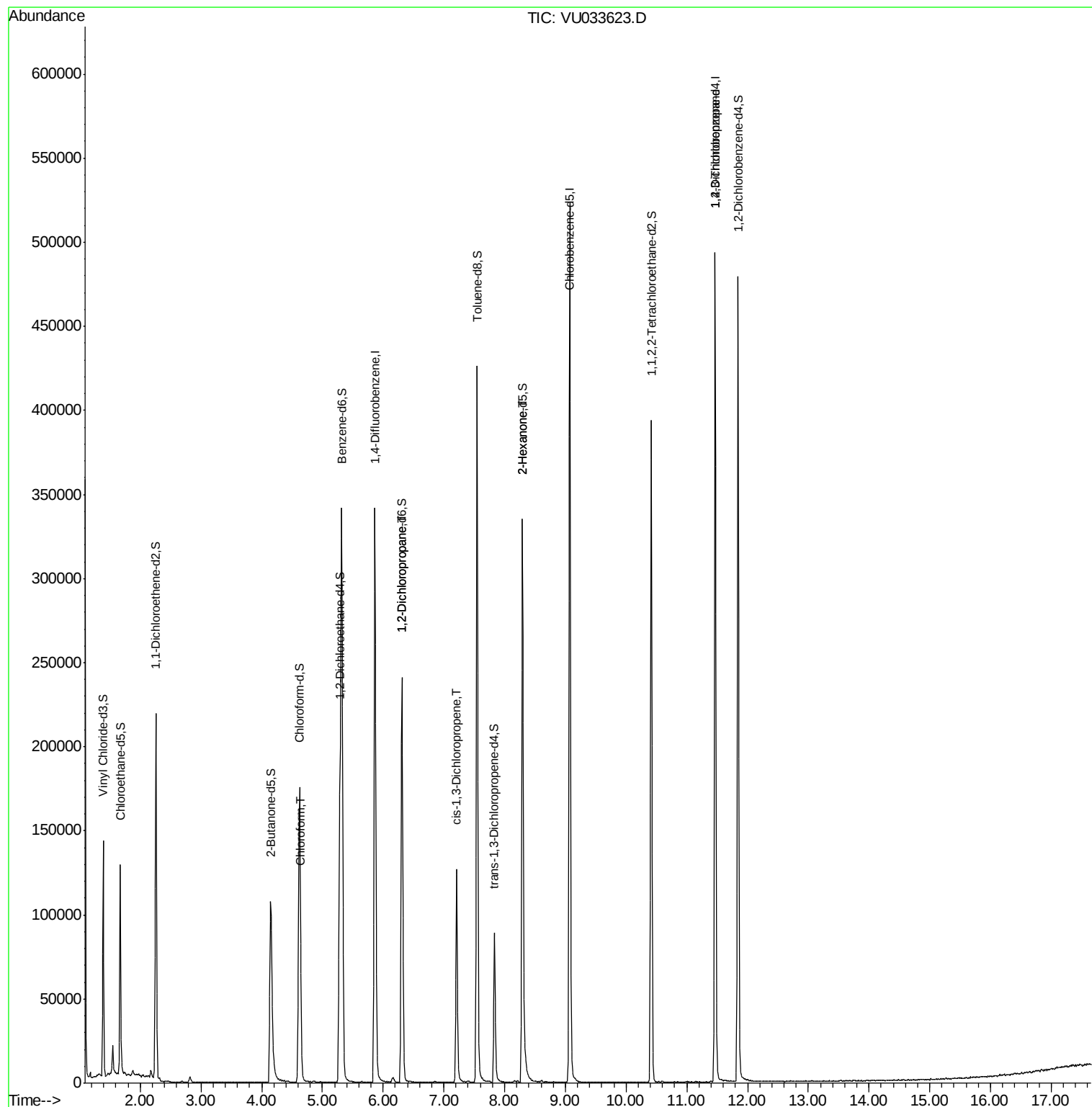
					Qvalue
25) Chloroform	4.65	83	6218	1.605 ug/L	89
37) 1,2-Dichloropropane	6.31	63	12276	5.174 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3204	0.888 ug/L #	63
48) 2-Hexanone	8.29	43	14198	5.236 ug/L #	52
59) 1,2,3-Trichloropropane	11.47	75	15617	5.025 ug/L	94

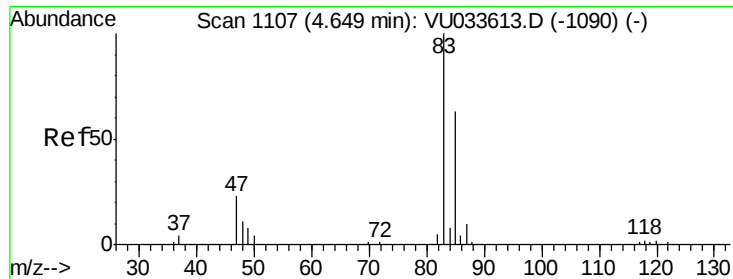
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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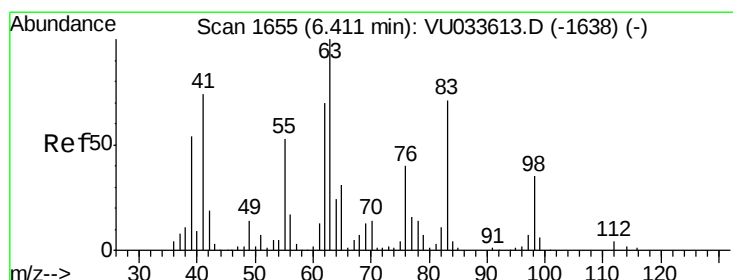
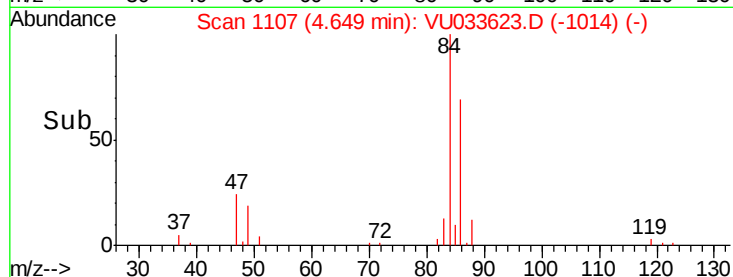
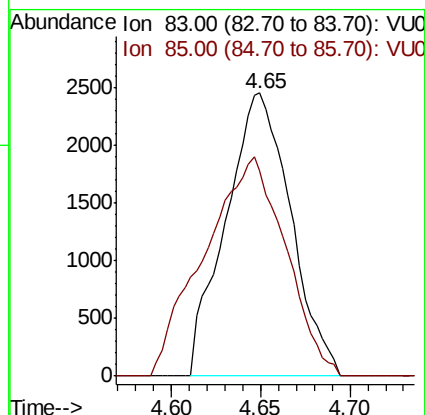
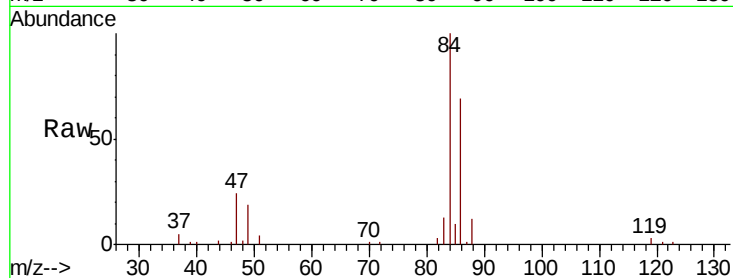




#25
Chloroform
Concen: 1.605 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU033623.D
Acq: 07 Aug 2019 17:40

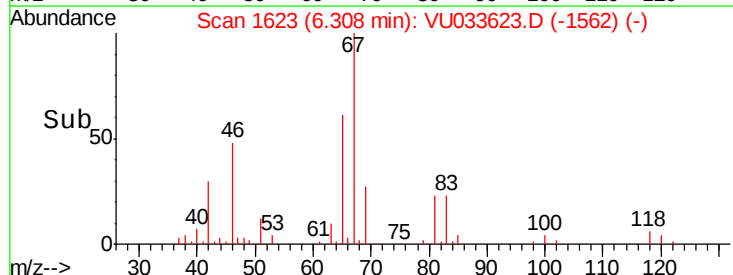
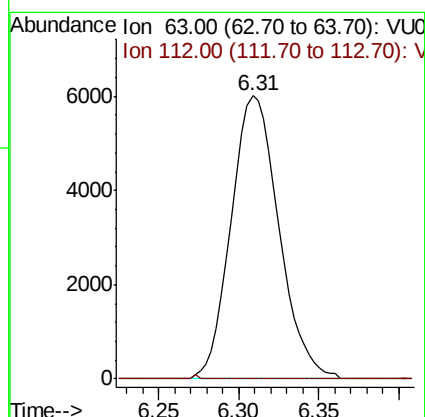
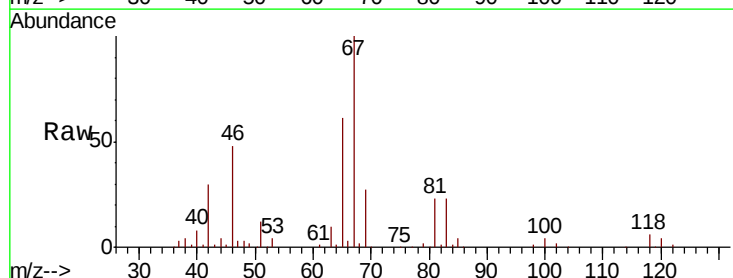
Instrument :
MSVOA_U
ClientSampleId :
F2B24

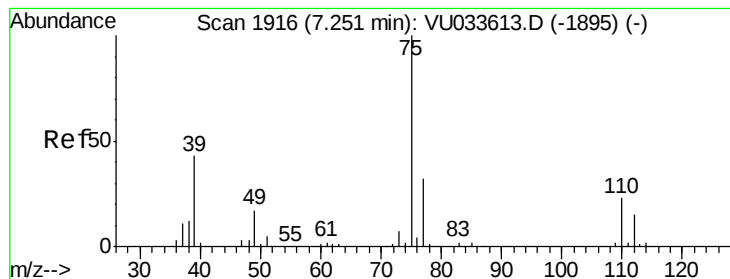
Tgt Ion: 83 Resp: 6218
Ion Ratio Lower Upper
83 100
85 72.4 44.9 83.3



#37
1,2-Dichloropropane
Concen: 5.174 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033623.D
Acq: 07 Aug 2019 17:40

Tgt Ion: 63 Resp: 12276
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



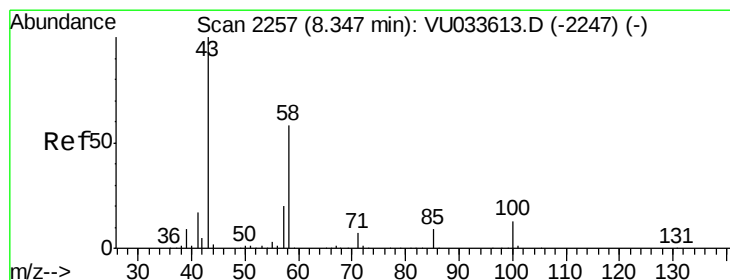
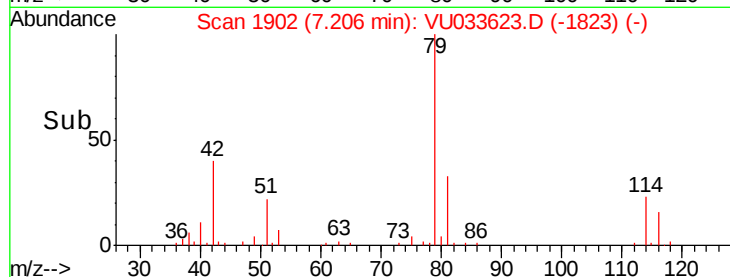
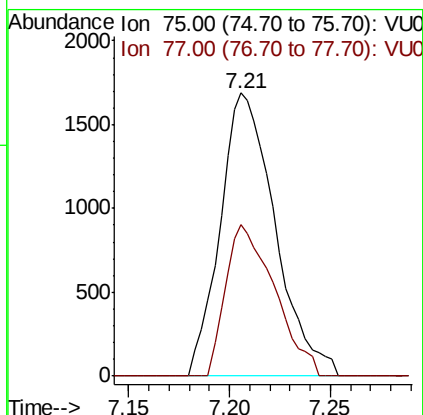
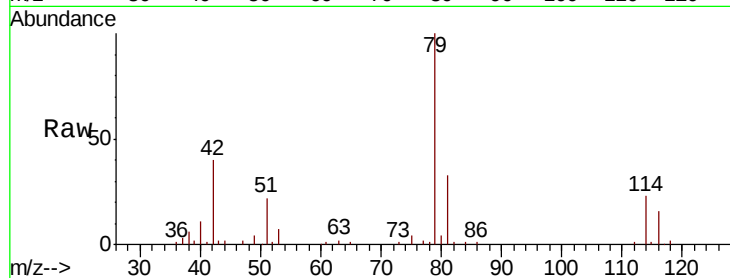


#39

cis-1,3-Dichloropropene
Concen: 0.888 ug/L
RT: 7.21 min Scan# 1902
Delta R.T. -0.05 min
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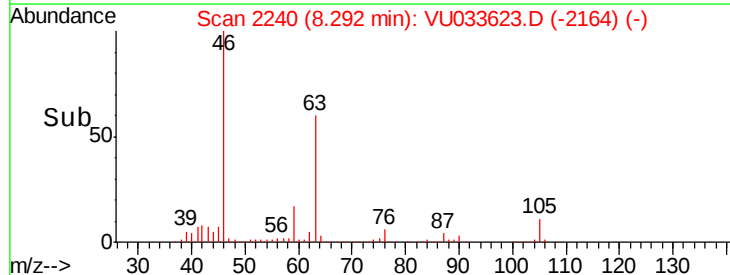
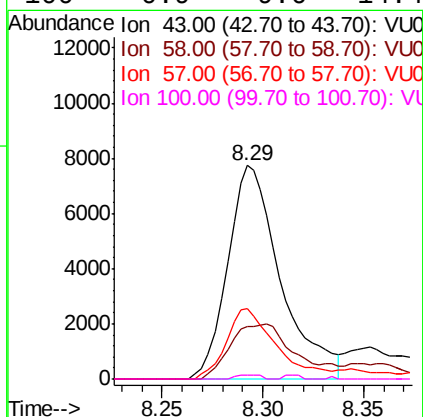
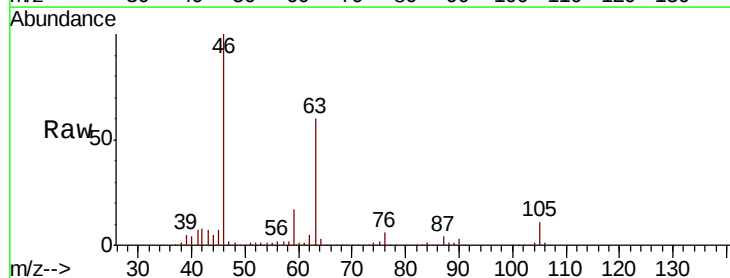
Tgt Ion: 75 Resp: 3204
Ion Ratio Lower Upper
75 100
77 53.5 22.7 42.3#

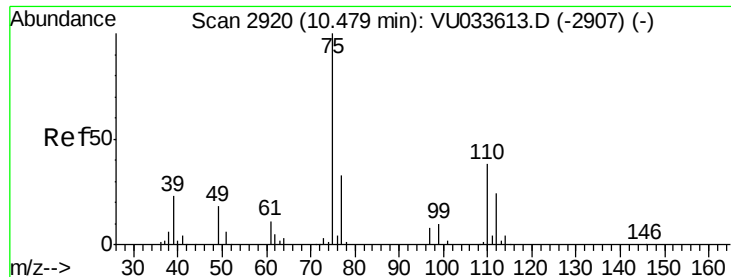


#48

2-Hexanone
Concen: 5.236 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033623.D
Acq: 07 Aug 2019 17:40

Tgt Ion: 43 Resp: 14198
Ion Ratio Lower Upper
43 100
58 13.0 45.2 67.8#
57 31.0 15.4 23.2#
100 0.9 9.6 14.4#





#59

1,2,3-Trichloropropane

Concen: 5.025 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033623.D

Acq: 07 Aug 2019 17:40

Instrument :

MSVOA_U

ClientSampleId :

F2B24

Tgt Ion: 75 Resp: 15617

Ion Ratio Lower Upper

75 100

77 35.7 25.7 38.5

