

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080819\
 Data File : VU033675.D
 Acq On : 09 Aug 2019 06:27
 Operator : JC/SP
 Sample : K4215-19
 Misc : 5.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 09 14:40:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 14:36:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	344628	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	349369	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	174441	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	119888	30.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.64%
7) Chloroethane-d5	1.63	69	100274	30.45	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.90%#
11) 1,1-Dichloroethene-d2	2.23	63	203229	32.31	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.62%
21) 2-Butanone-d5	4.17	46	139557	48.98	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	48.98%
24) Chloroform-d	4.62	84	222999	34.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.18%#
26) 1,2-Dichloroethane-d4	5.28	65	157232	37.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.64%
32) Benzene-d6	5.31	84	485166	37.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.48%
36) 1,2-Dichloropropane-d6	6.31	67	157542	38.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.06%
41) Toluene-d8	7.55	98	440122	36.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.08%#
43) trans-1,3-Dichloropropene-	7.83	79	70227	34.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.28%
47) 2-Hexanone-d5	8.31	63	172223	83.04	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.04%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	252427	38.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.90%
64) 1,2-Dichlorobenzene-d4	11.85	152	187604	39.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.72%#

Target Compounds

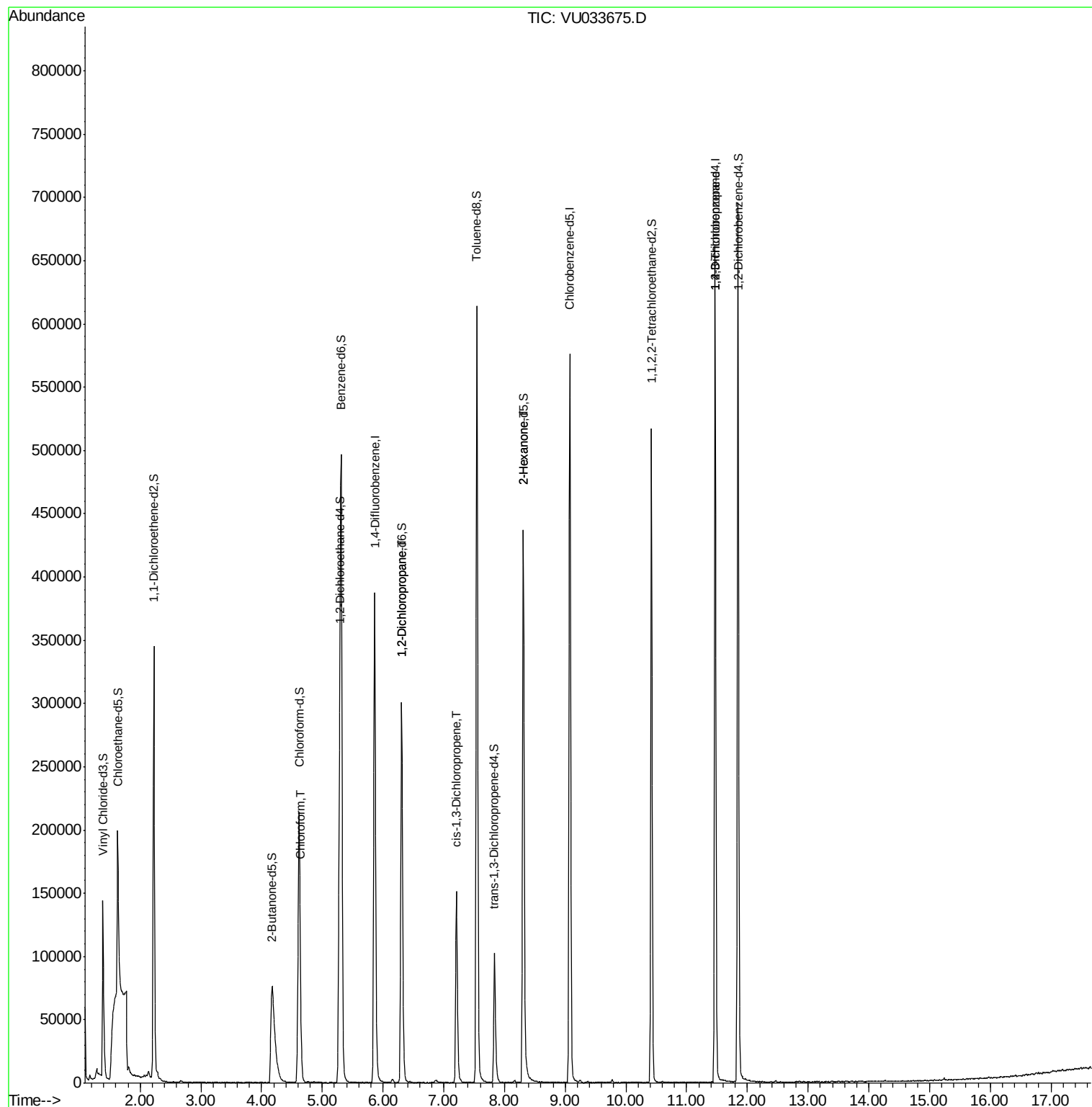
					Ovalue
25) Chloroform	4.64	83	11963	2.305 ug/L	93
37) 1,2-Dichloropropane	6.31	63	17437	5.850 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4383	0.988 ug/L #	61
48) 2-Hexanone	8.31	43	19330	5.422 ug/L #	69
59) 1,2,3-Trichloropropane	11.47	75	20034	4.922 ug/L #	88

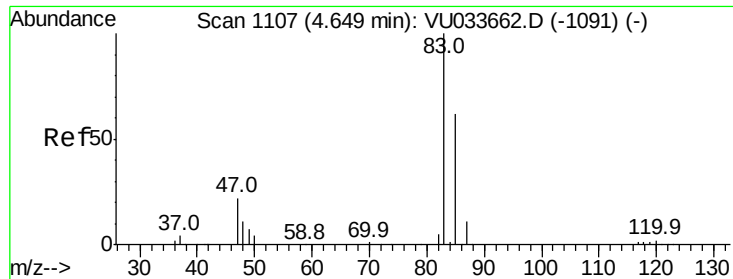
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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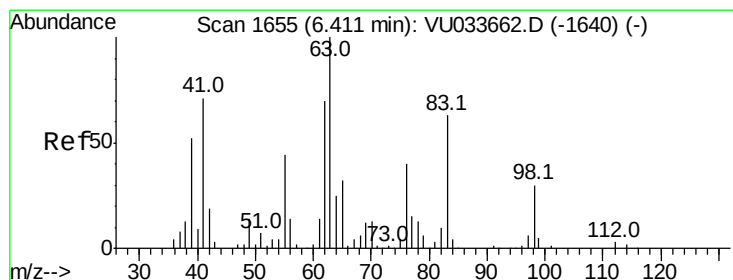
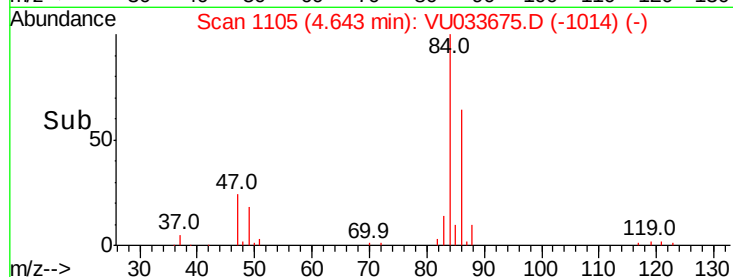
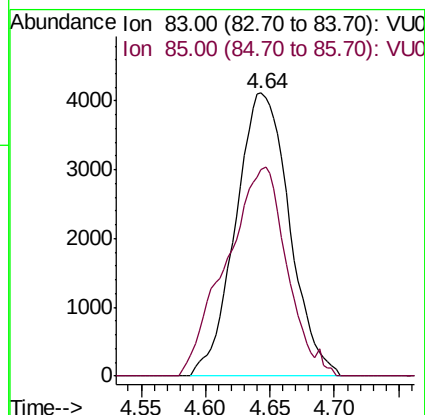
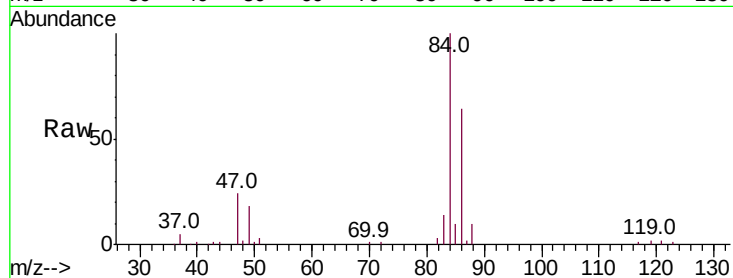




#25
Chloroform
Concen: 2.305 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VU033675.D
Acq: 09 Aug 2019 06:27

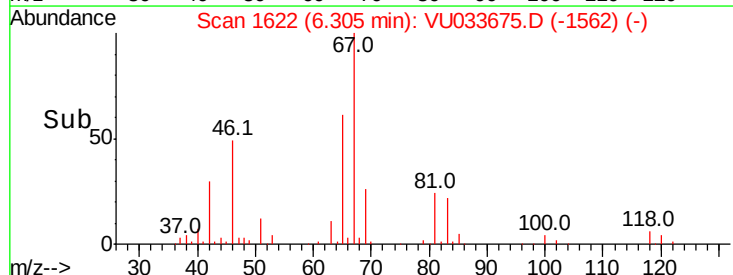
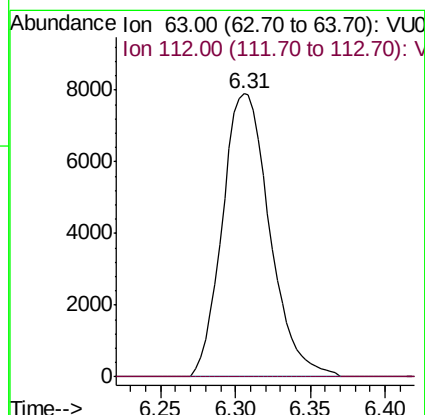
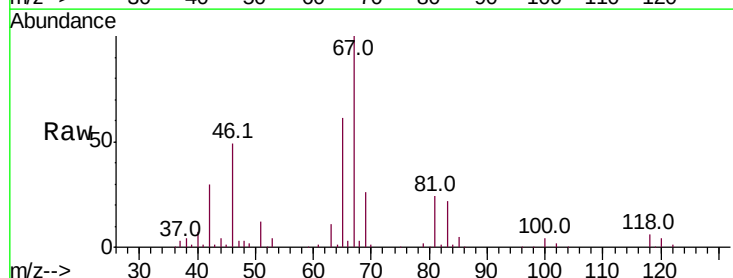
Instrument :
MSVOA_U
ClientSampleId :

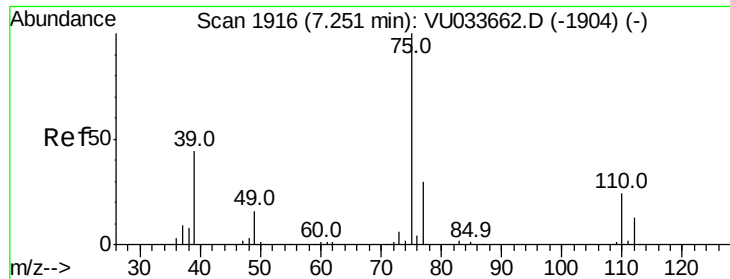
Tot Ion: 83 Resp: 11963
Ion Ratio Lower Upper
83 100
85 72.8 47.2 87.6



#37
1,2-Dichloropropane
Concen: 5.850 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.11 min
Lab File: VU033675.D
Acq: 09 Aug 2019 06:27

Tgt Ion: 63 Resp: 17437
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



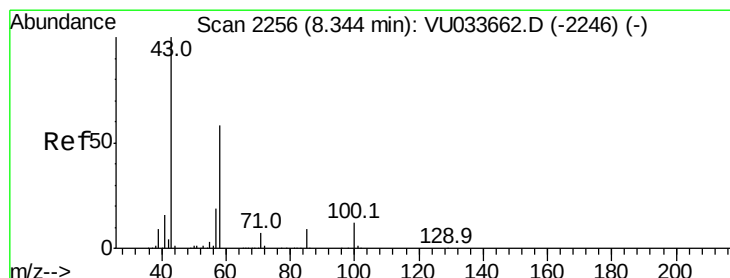
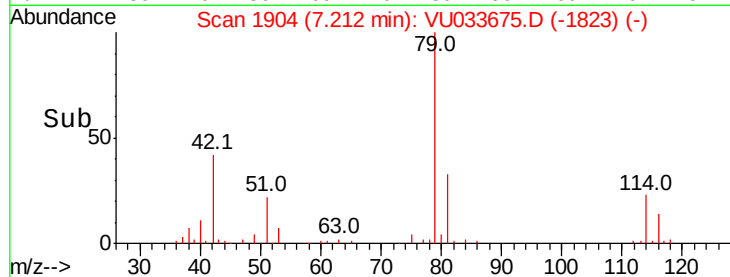
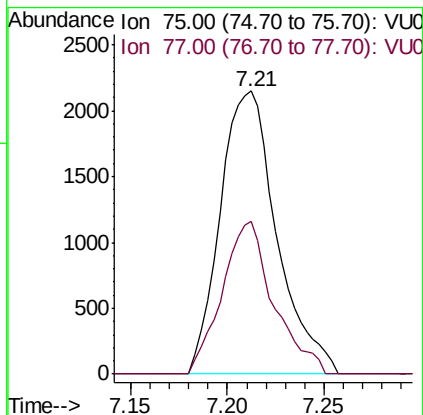
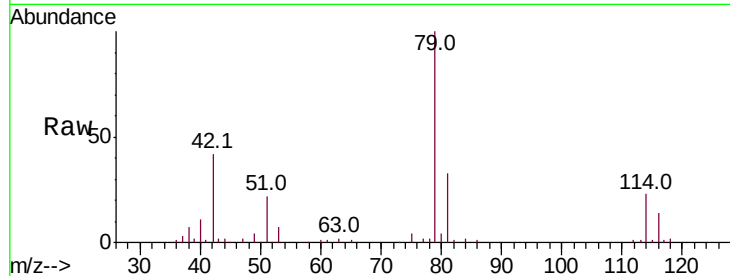


#39

cis-1,3-Dichloropropene
 Concen: 0.988 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033675.D
 Acq: 09 Aug 2019 06:27

Instrument :
 MSVOA_U
 ClientSampleId :

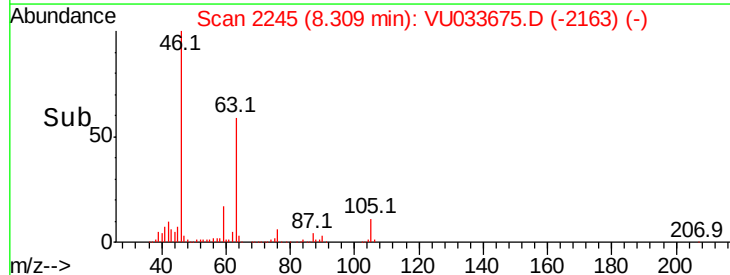
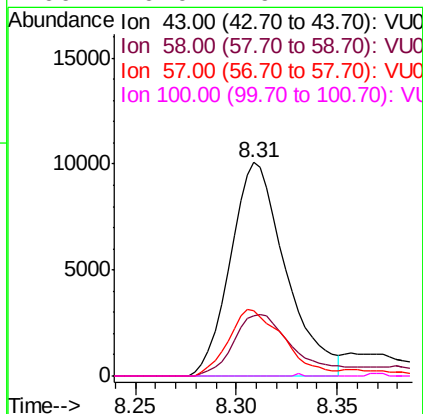
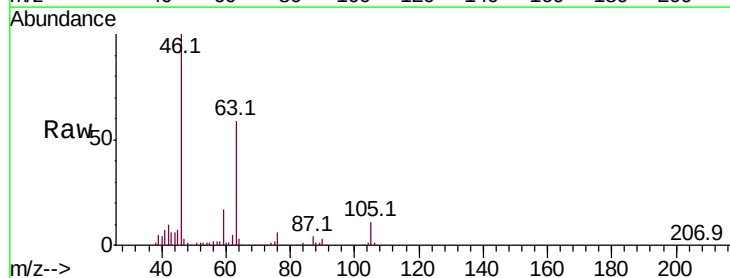
Tot Ion: 75 Resp: 4383
 Ion Ratio Lower Upper
 75 100
 77 54.2 22.5 41.9#

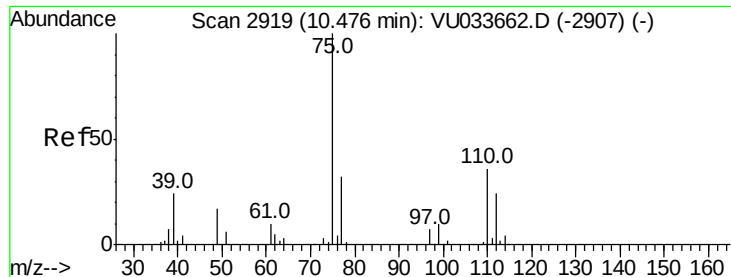


#48

2-Hexanone
 Concen: 5.422 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.04 min
 Lab File: VU033675.D
 Acq: 09 Aug 2019 06:27

Tgt Ion: 43 Resp: 19330
 Ion Ratio Lower Upper
 43 100
 58 31.5 44.8 67.2#
 57 31.3 15.5 23.3#
 100 0.0 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 4.922 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033675.D

Acq: 09 Aug 2019 06:27

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 20034

Ion Ratio Lower Upper

75 100

77 38.8 25.5 38.3#

