

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080819\
 Data File : VU033672.D
 Acq On : 09 Aug 2019 05:18
 Operator : JC/SP
 Sample : K4215-16
 Misc : 4.52g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 09 14:40:35 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	342735	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	349318	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	170807	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	119380	30.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.70%
7) Chloroethane-d5	1.63	69	99954	30.52	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.04%#
11) 1,1-Dichloroethene-d2	2.22	63	210789	33.70	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.40%
21) 2-Butanone-d5	4.17	46	133086	46.97	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	46.97%
24) Chloroform-d	4.62	84	229048	35.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.46%
26) 1,2-Dichloroethane-d4	5.28	65	156444	37.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.68%
32) Benzene-d6	5.31	84	494635	37.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.94%
36) 1,2-Dichloropropane-d6	6.31	67	158204	38.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.40%
41) Toluene-d8	7.55	98	445867	37.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.04%#
43) trans-1,3-Dichloropropene-	7.84	79	71536	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.58%
47) 2-Hexanone-d5	8.31	63	171743	82.82	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.82%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	249715	38.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	183224	39.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.52%#

Target Compounds

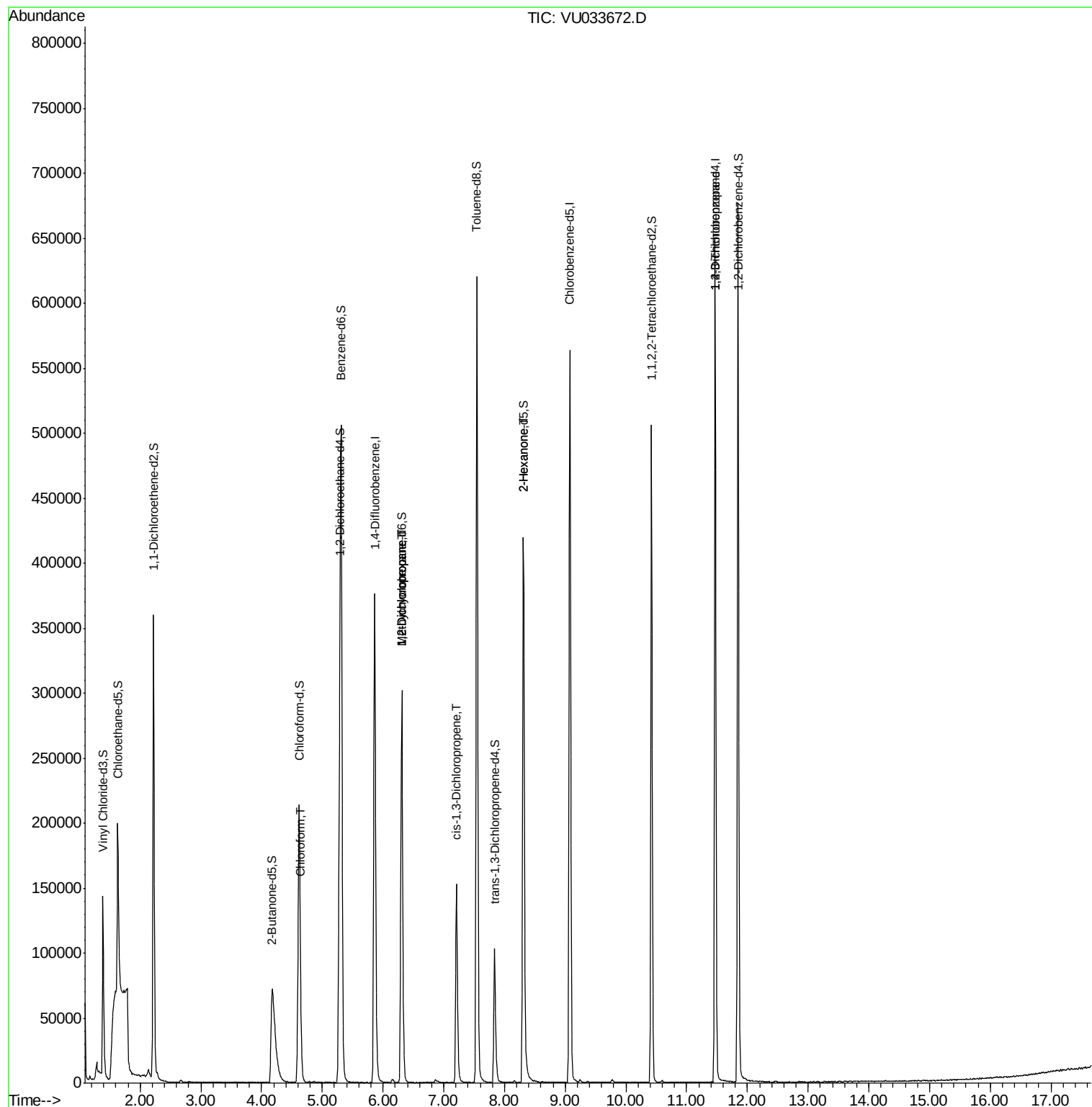
					Ovalue
25) Chloroform	4.65	83	11258	2.181 ug/L	95
35) Methylcyclohexane	6.31	83	35105	8.104 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	16775	5.628 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4335	0.977 ug/L #	61
48) 2-Hexanone	8.31	43	20171	5.659 ug/L #	65
59) 1,2,3-Trichloropropane	11.47	75	19420	4.772 ug/L #	86

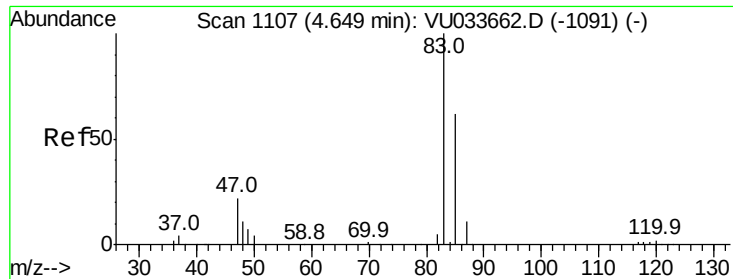
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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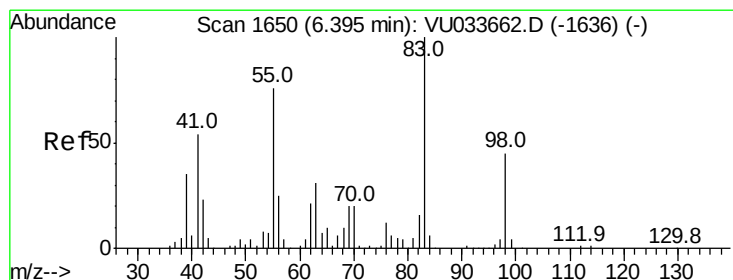
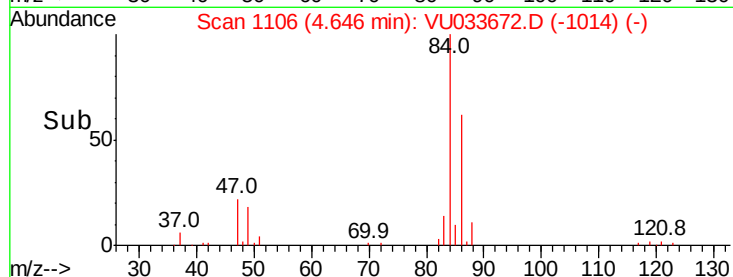
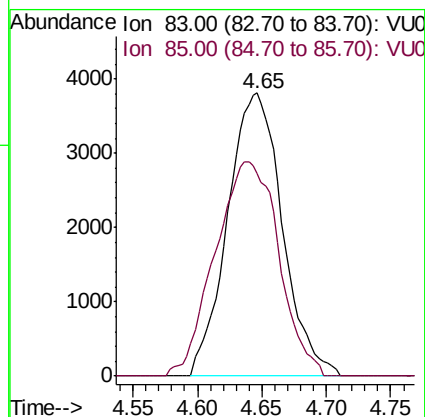
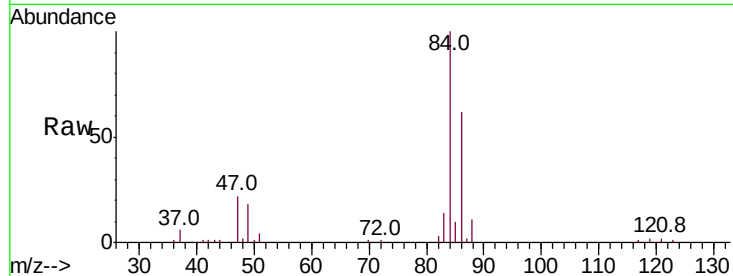




#25
Chloroform
Concen: 2.181 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033672.D
Acq: 09 Aug 2019 05:18

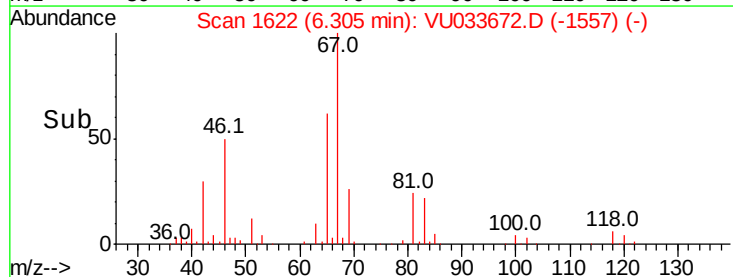
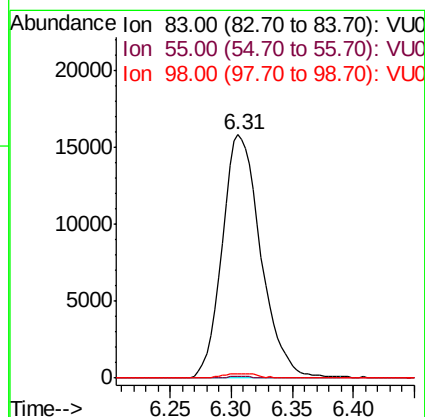
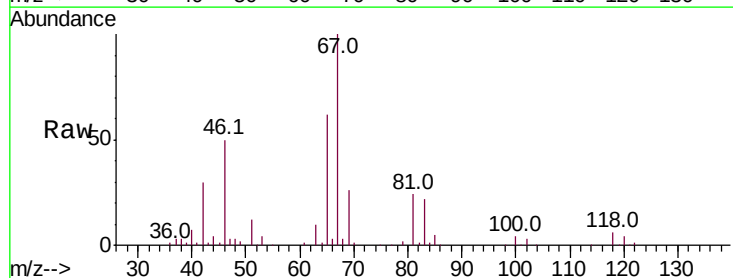
Instrument :
MSVOA_U
ClientSampleId :

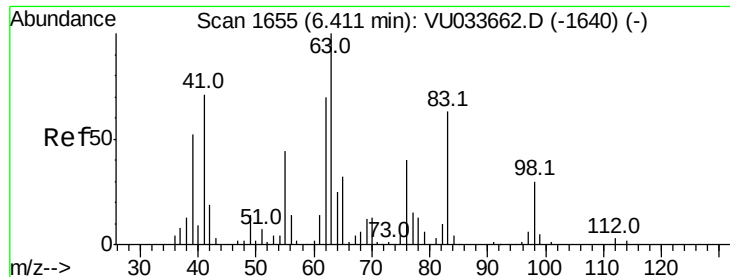
Tot Ion: 83 Resp: 11258
Ion Ratio Lower Upper
83 100
85 71.4 47.2 87.6



#35
Methylcyclohexane
Concen: 8.104 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.09 min
Lab File: VU033672.D
Acq: 09 Aug 2019 05:18

Tgt Ion: 83 Resp: 35105
Ion Ratio Lower Upper
83 100
55 0.4 61.3 91.9#
98 0.7 36.7 55.1#





#37

1,2-Dichloropropane

Concen: 5.628 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033672.D

Acq: 09 Aug 2019 05:18

Instrument :

MSVOA_U

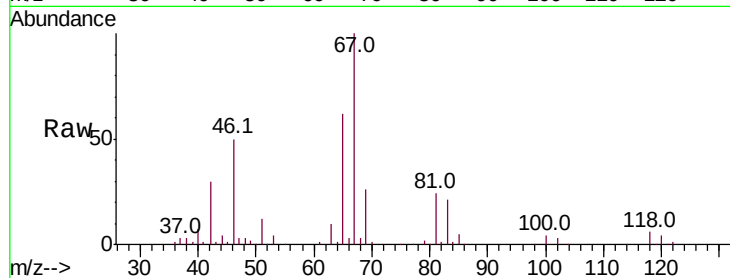
ClientSampleId :

Tot Ion: 63 Resp: 16775

Ion Ratio Lower Upper

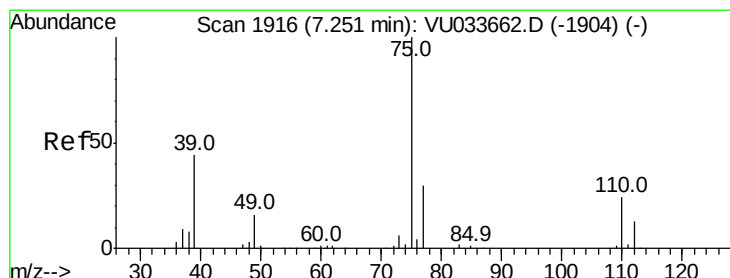
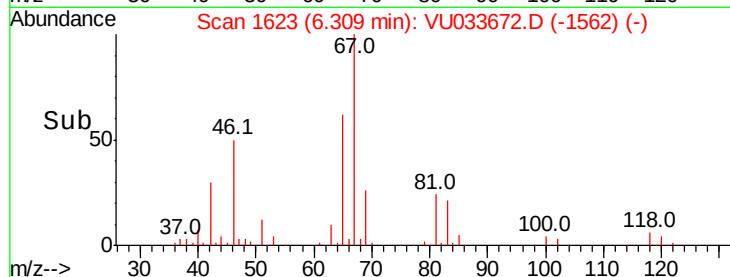
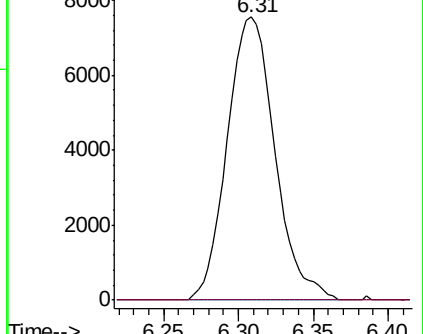
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.977 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

Lab File: VU033672.D

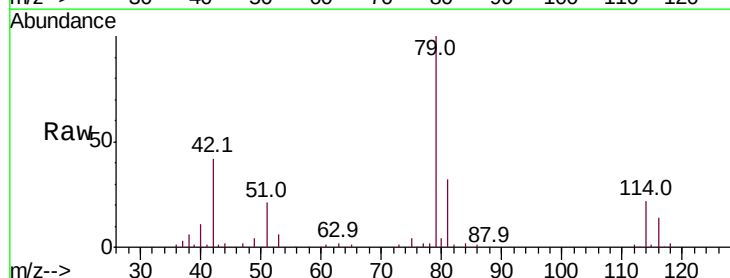
Acq: 09 Aug 2019 05:18

Tgt Ion: 75 Resp: 4335

Ion Ratio Lower Upper

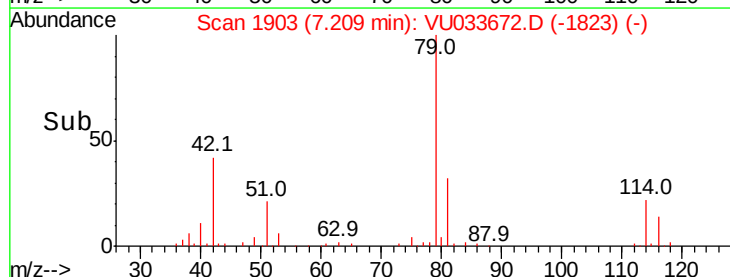
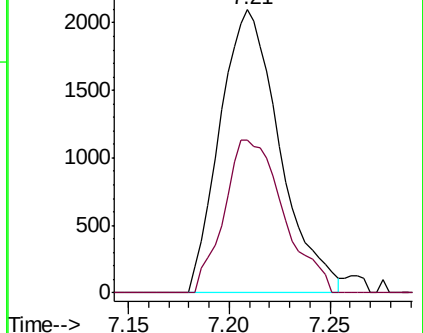
75 100

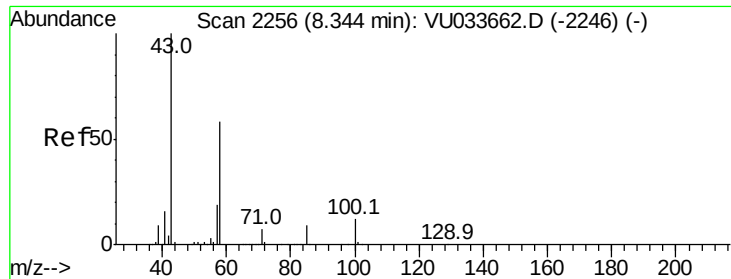
77 54.1 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

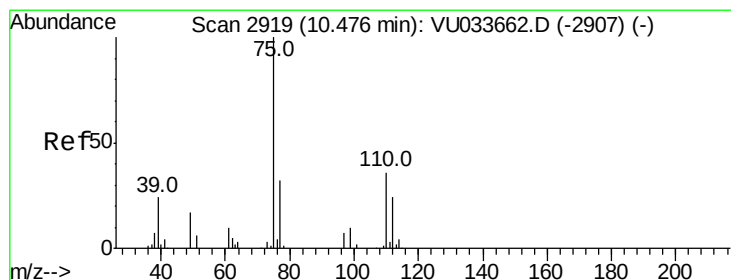
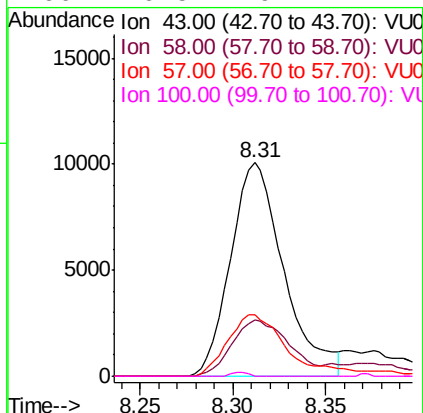
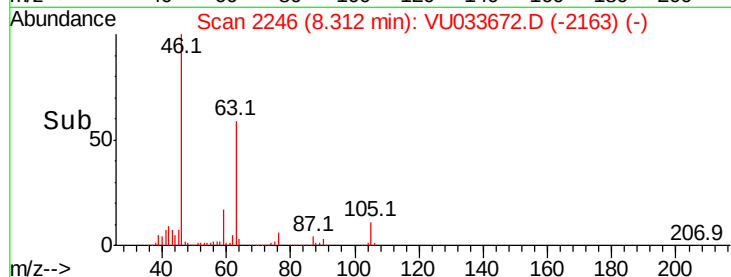
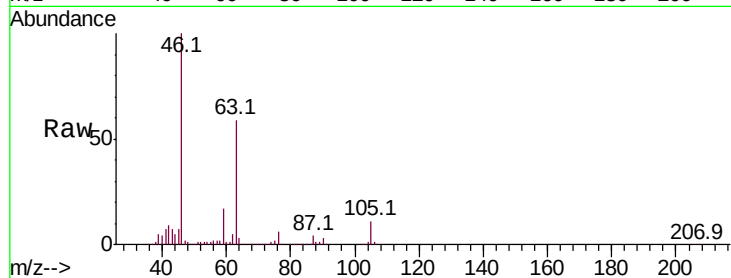




#48
2-Hexanone
Concen: 5.659 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.03 min
Lab File: VU033672.D
Acq: 09 Aug 2019 05:18

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 20171
Ion Ratio Lower Upper
43 100
58 28.2 44.8 67.2#
57 32.0 15.5 23.3#
100 0.5 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 4.772 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033672.D
Acq: 09 Aug 2019 05:18

Tgt Ion: 75 Resp: 19420
Ion Ratio Lower Upper
75 100
77 39.7 25.5 38.3#

