

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035121.D
 Acq On : 12 Oct 2019 04:53
 Operator : JC/SP
 Sample : K5342-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 01:19:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 01:16:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	155086	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	161699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59224	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45868	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.68	69	44830	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.26	63	67793	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.17	46	134991	50.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.00%
24) Chloroform-d	4.63	84	85155	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.29	65	52447	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.32	84	176730	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.31	67	62588	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.55	98	152678	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.84	79	17385	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.31	63	88613	40.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52406	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	50124	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

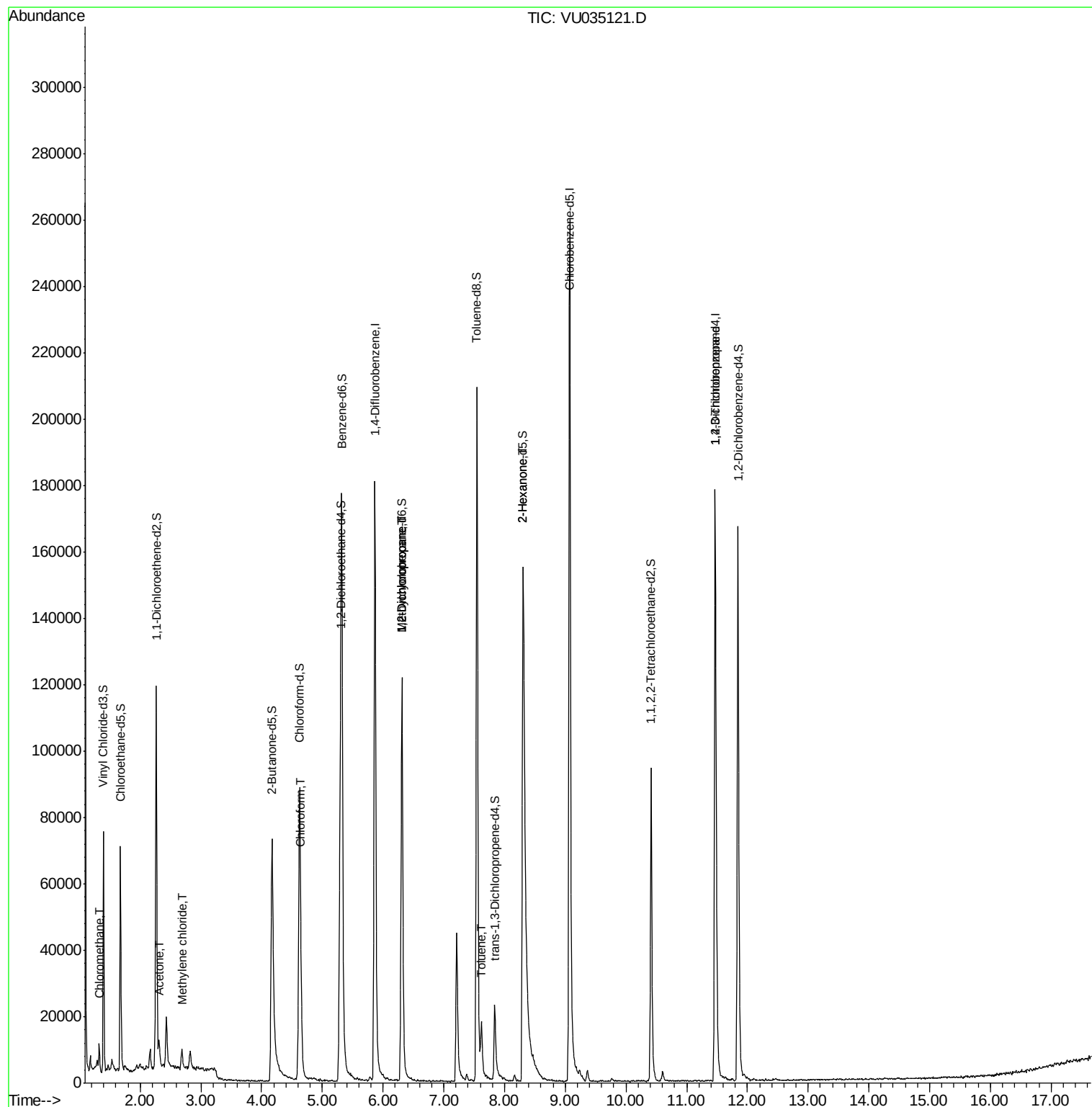
					Ovalue
3) Chloromethane	1.32	50	5371	0.345 ug/L	100
13) Acetone	2.31	43	7799	3.527 ug/L	96
16) Methylene chloride	2.69	84	2022	0.164 ug/L	83
25) Chloroform	4.65	83	8243	0.346 ug/L	90
35) Methylcyclohexane	6.31	83	13255	0.652 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7022	0.534 ug/L #	90
42) Toluene	7.62	91	11029	0.217 ug/L	98
48) 2-Hexanone	8.31	43	9674	1.706 ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	7634	0.898 ug/L	94

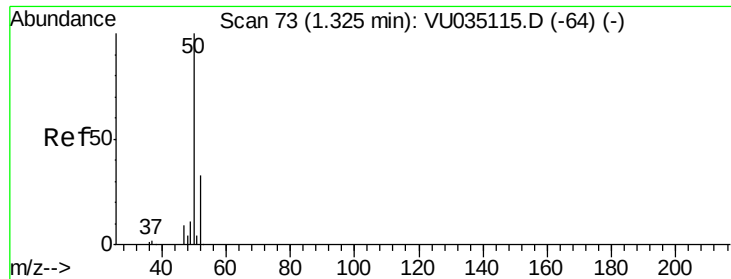
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.345 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU035121.D

Acq: 12 Oct 2019 04:53

Instrument :

MSVOA_U

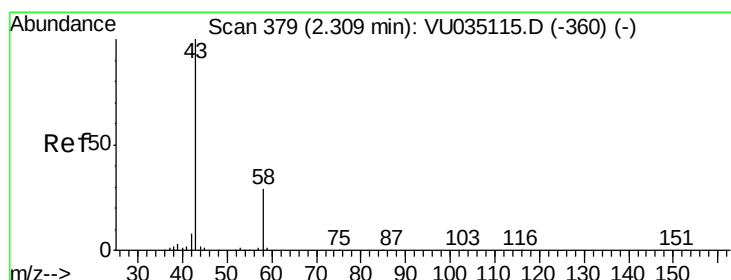
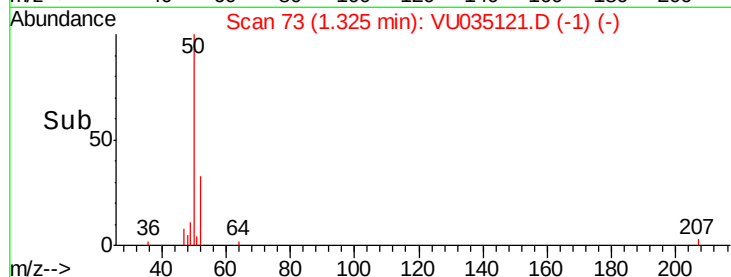
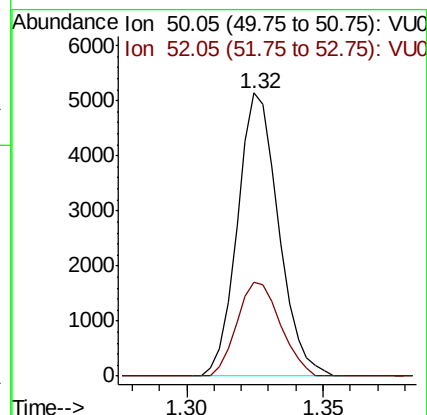
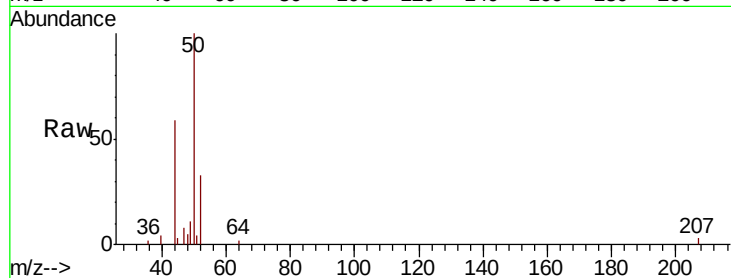
ClientSampleId :

Tot Ion: 50 Resp: 5371

Ion Ratio Lower Upper

50 100

52 33.0 23.3 43.3



#13

Acetone

Concen: 3.527 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035121.D

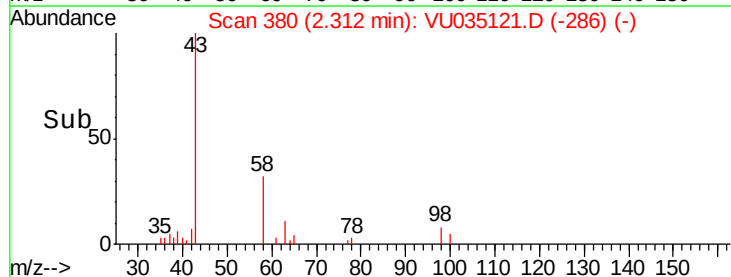
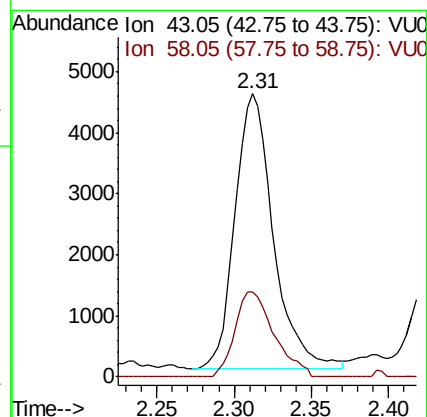
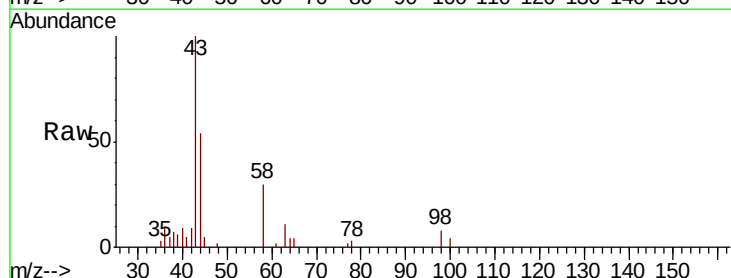
Acq: 12 Oct 2019 04:53

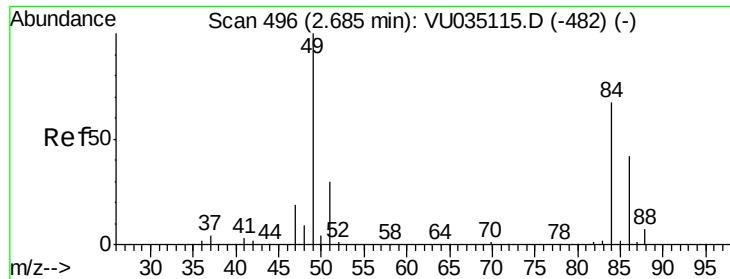
Tgt Ion: 43 Resp: 7799

Ion Ratio Lower Upper

43 100

58 31.2 0.0 66.6

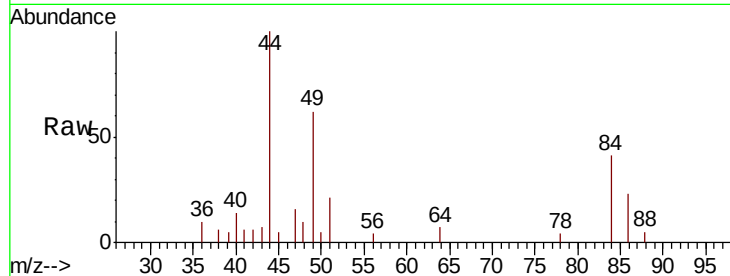




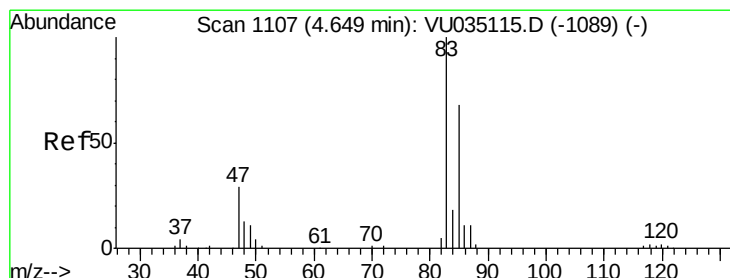
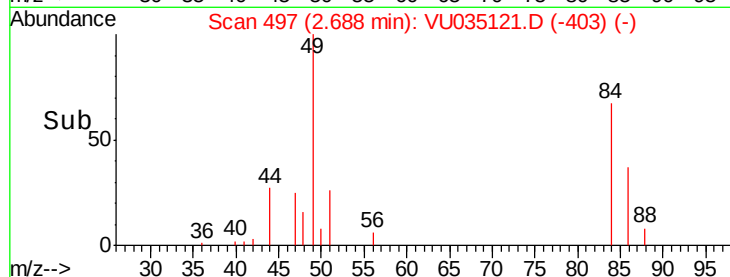
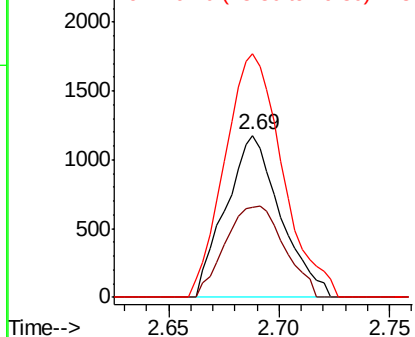
#16
Methylene chloride
Concen: 0.164 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035121.D
Acq: 12 Oct 2019 04:53

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 2022
Ion Ratio Lower Upper
84 100
86 55.8 42.5 78.9
49 150.0 86.9 161.3

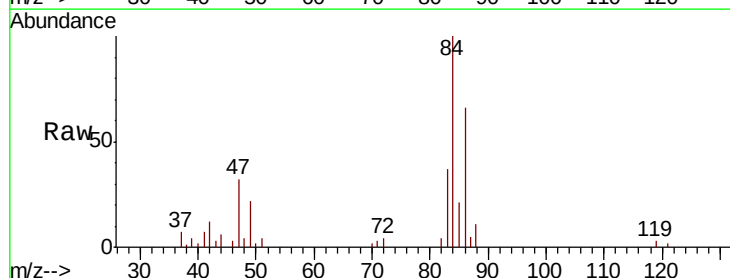


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

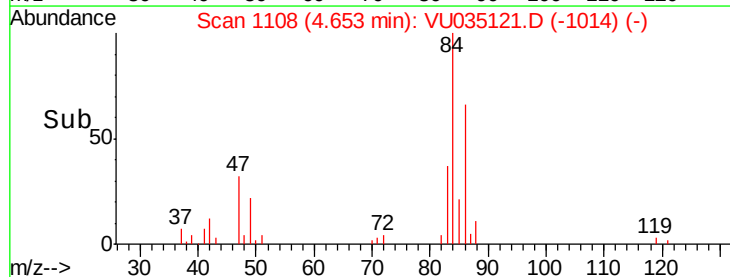
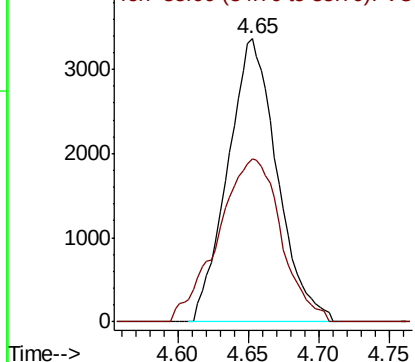


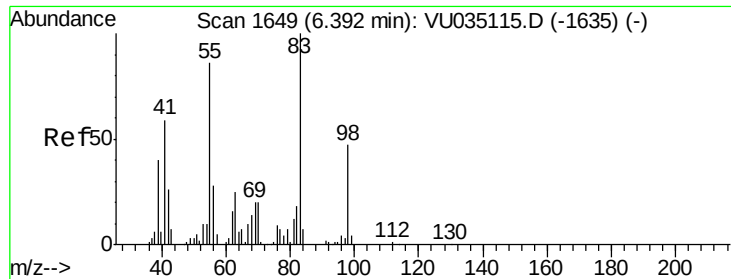
#25
Chloroform
Concen: 0.346 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035121.D
Acq: 12 Oct 2019 04:53

Tgt Ion: 83 Resp: 8243
Ion Ratio Lower Upper
83 100
85 57.4 45.4 84.4



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





#35

Methylvlcyclohexane

Concen: 0.652 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU035121.D

Acq: 12 Oct 2019 04:53

Instrument :

MSVOA_U

ClientSampleId :

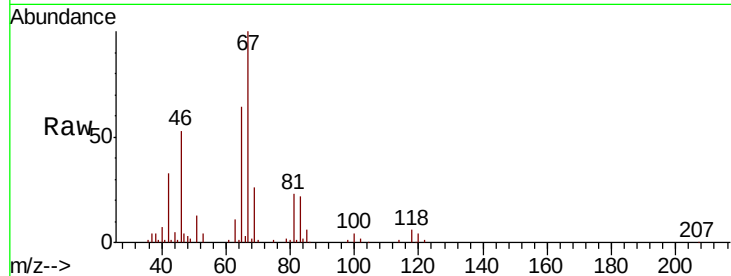
Tot Ion: 83 Resp: 13255

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

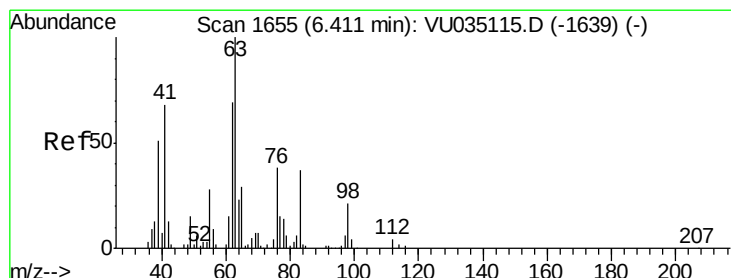
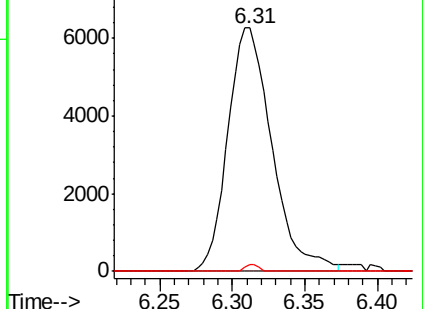
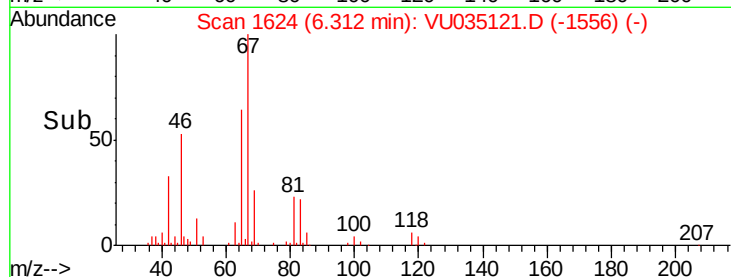
98 0.8 36.2 54.2#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.534 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU035121.D

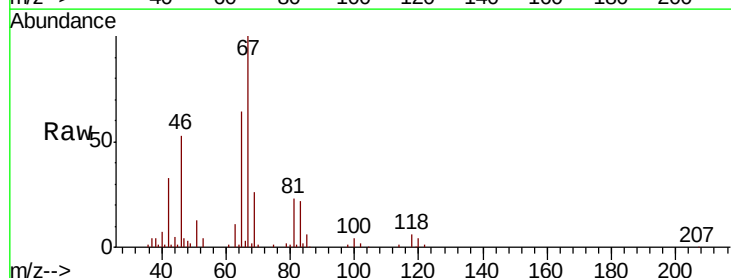
Acq: 12 Oct 2019 04:53

Tgt Ion: 63 Resp: 7022

Ion Ratio Lower Upper

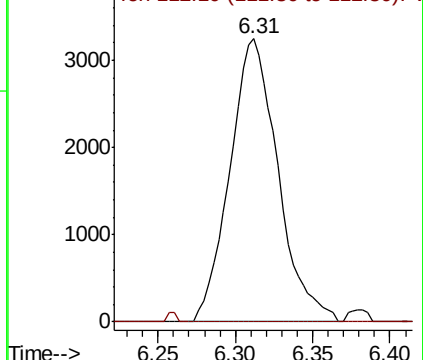
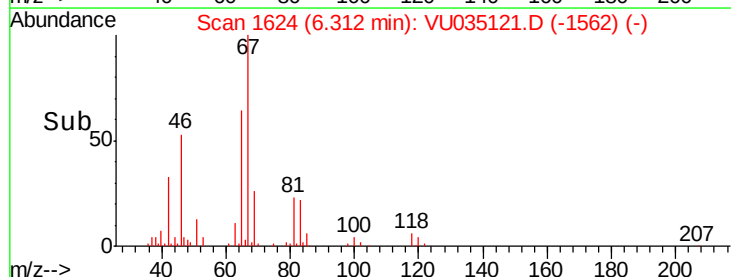
63 100

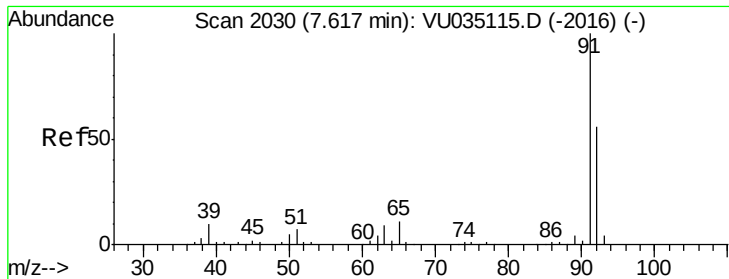
112 0.6 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.217 ug/L

RT: 7.62 min Scan# 2032

Delta R.T. 0.01 min

Lab File: VU035121.D

Acq: 12 Oct 2019 04:53

Instrument :

MSVOA_U

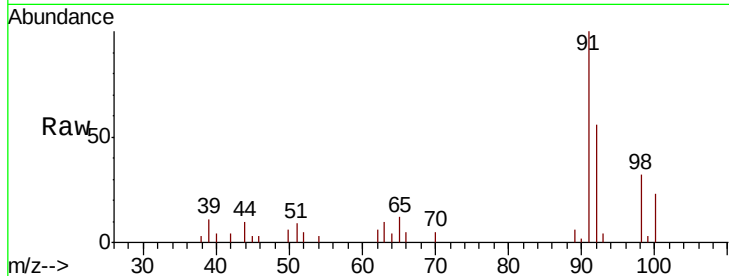
ClientSampleId :

Tot Ion: 91 Resp: 11029

Ion Ratio Lower Upper

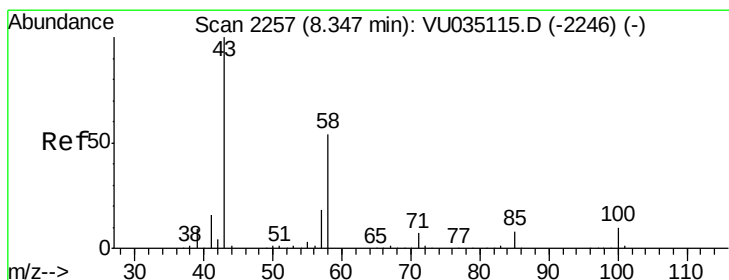
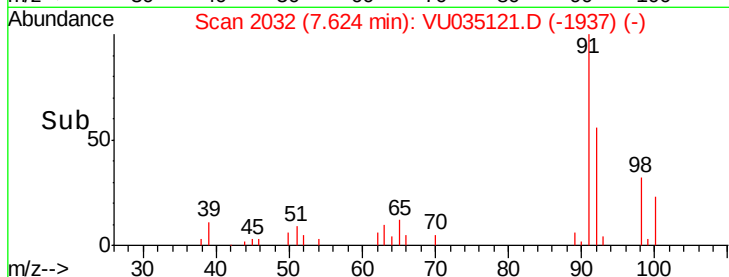
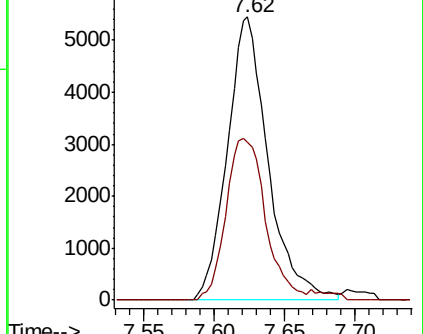
91 100

92 55.6 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#48

2-Hexanone

Concen: 1.706 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.04 min

Lab File: VU035121.D

Acq: 12 Oct 2019 04:53

Tgt Ion: 43 Resp: 9674

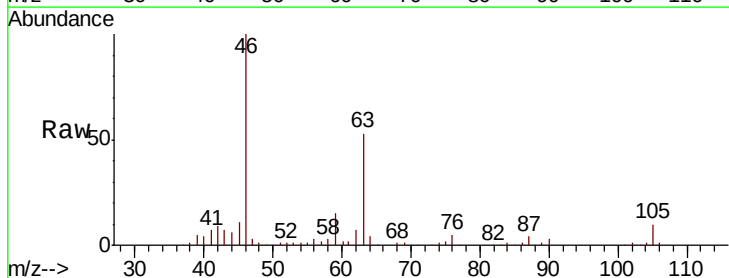
Ion Ratio Lower Upper

43 100

58 33.8 44.1 66.1#

57 42.6 15.8 23.8#

100 0.2 9.4 14.2#

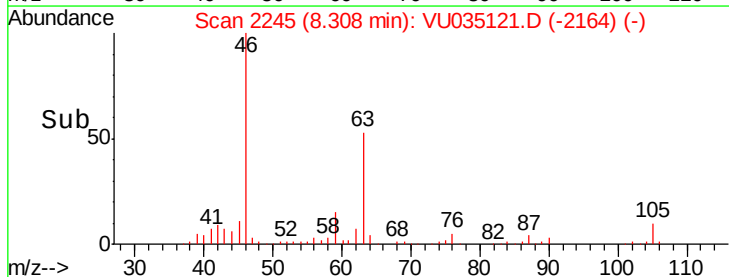
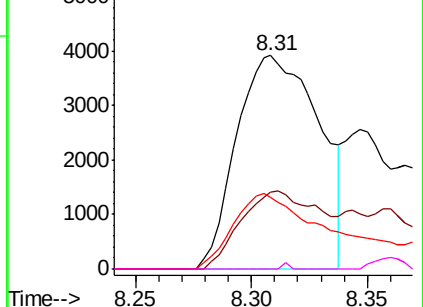


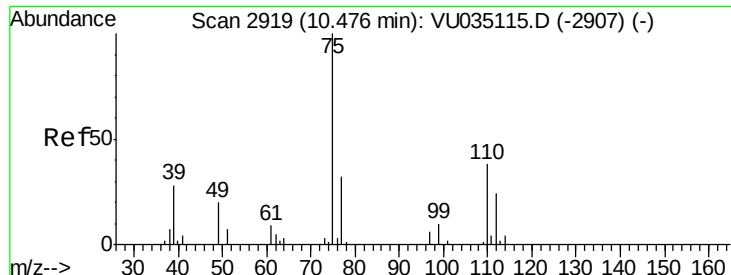
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.898 ug/L

RT: 11.47 min Scan# 3229

Delta R.T. 1.00 min

Lab File: VU035121.D

Acq: 12 Oct 2019 04:53

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7634

Ion Ratio Lower Upper

75 100

77 36.7 26.5 39.7

