

Data File : VU033868.D
Acq On : 21 Aug 2019 13:16
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Aug 22 05:47:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 05:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	373498	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	379367	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	158859	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	157180	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.56%
7) Chloroethane-d5	1.67	69	145027	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.28%
11) 1,1-Dichloroethene-d2	2.26	63	214180	38.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.28%
21) 2-Butanone-d5	4.15	46	170227	96.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.60%
24) Chloroform-d	4.62	84	263900	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
26) 1,2-Dichloroethane-d4	5.29	65	173300	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.44%
32) Benzene-d6	5.32	84	520133	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
36) 1,2-Dichloropropane-d6	6.31	67	174103	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.08%
41) Toluene-d8	7.55	98	460685	46.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.83	79	74051	46.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.18%
47) 2-Hexanone-d5	8.29	63	105342	83.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	236333	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	11.84	152	169931	53.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.34%

Target Compounds

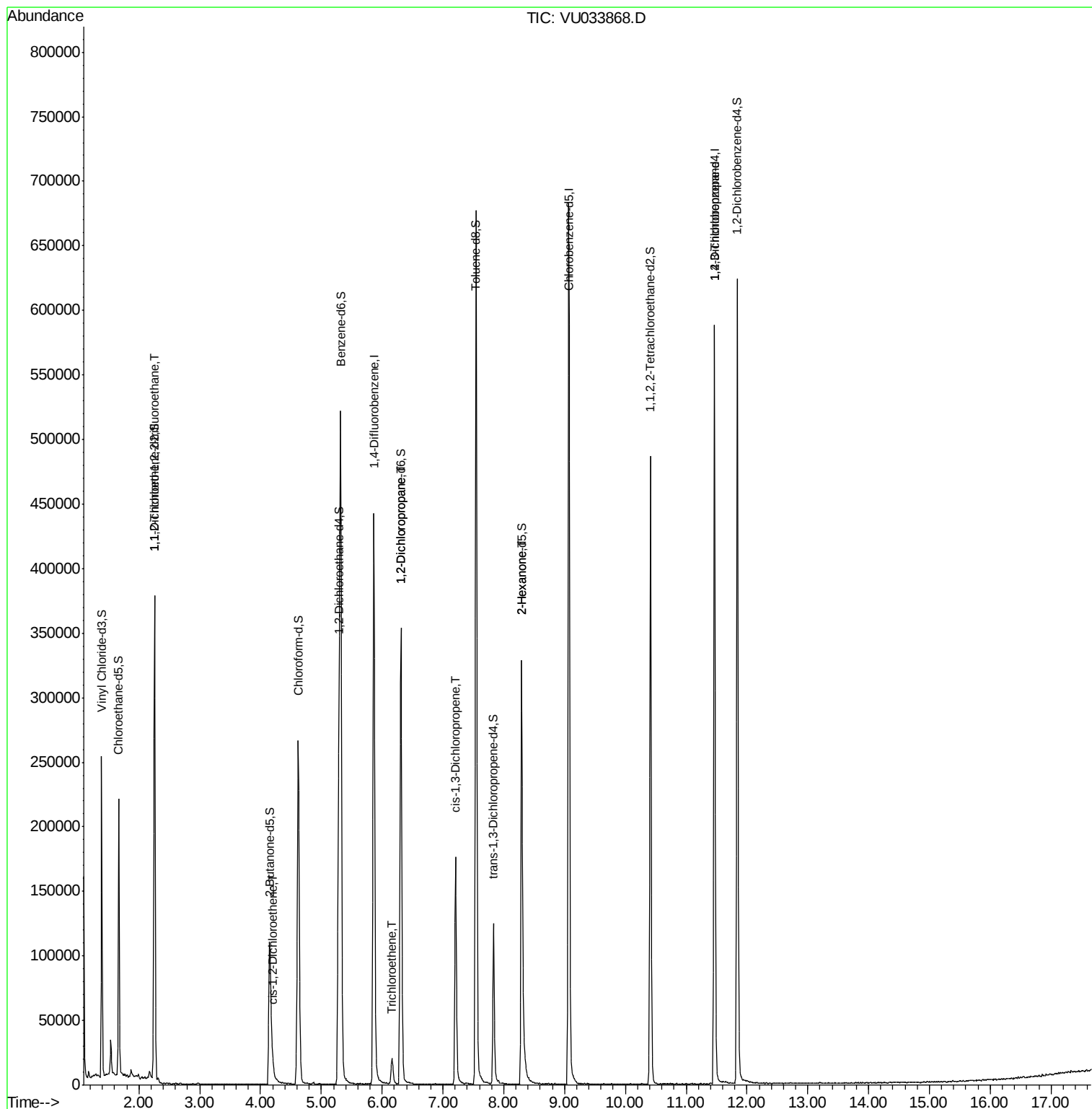
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2094	0.786 ug/L #	21
20) cis-1,2-Dichloroethene	4.21	96	4297	1.476 ug/L	91
34) Trichloroethene	6.17	95	5287	1.729 ug/L	81
37) 1,2-Dichloropropane	6.31	63	18085	5.763 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	4661	1.019 ug/L	85
48) 2-Hexanone	8.30	43	15665	5.423 ug/L #	78
59) 1,2,3-Trichloropropane	11.46	75	17872	4.702 ug/L	89

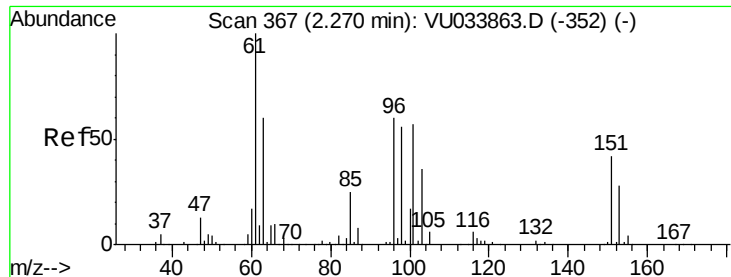
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.786 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

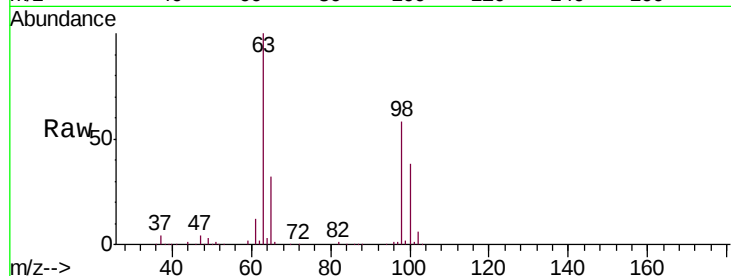
Tgt Ion: 101 Resp: 2094

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

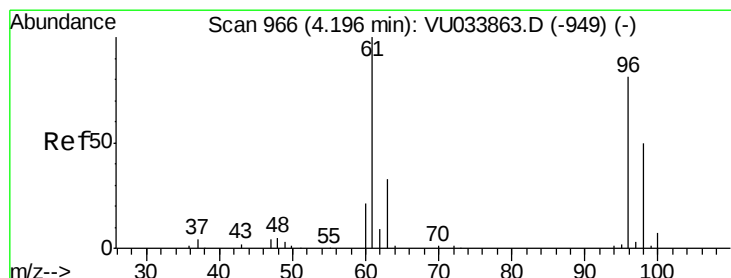
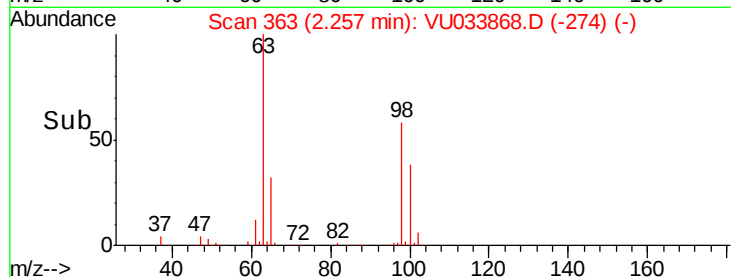
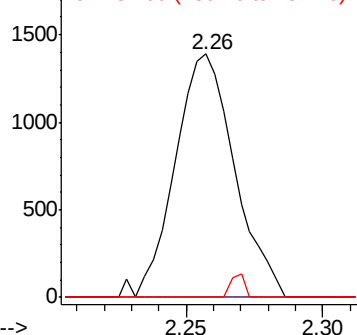
151 2.3 60.4 90.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#20

cis-1,2-Dichloroethene

Concen: 1.476 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU033868.D

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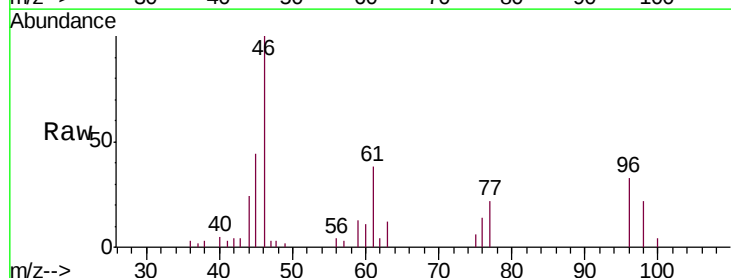
Tgt Ion: 96 Resp: 4297

Ion Ratio Lower Upper

96 100

61 115.4 88.2 163.8

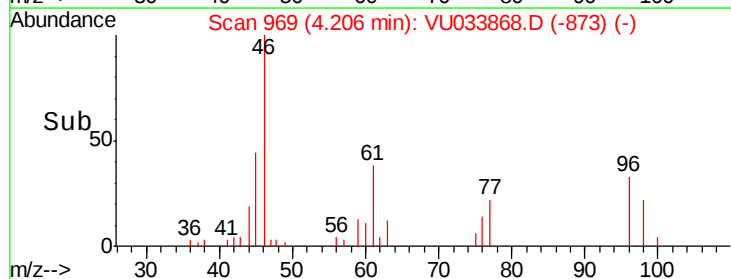
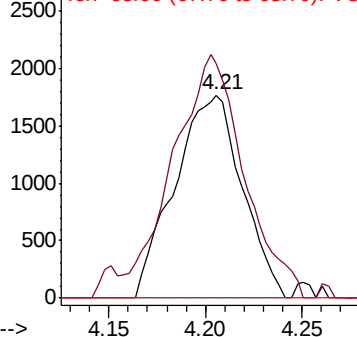
68 0.0 0.0 0.0

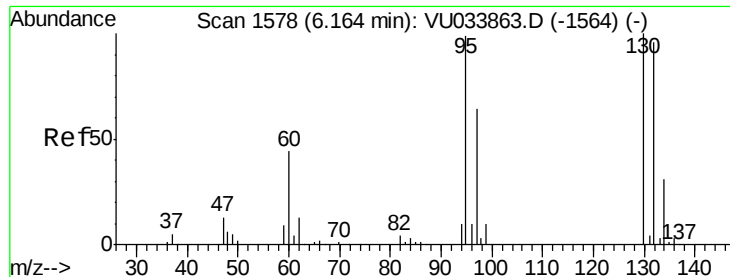


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 1.729 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033868.D

Acq: 21 Aug 2019 13:16

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 95 Resp: 5287

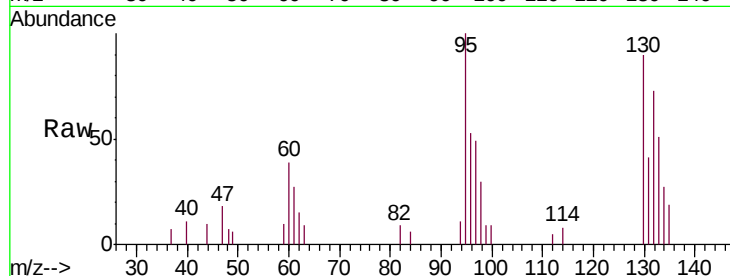
Ion Ratio Lower Upper

95 100

97 49.3 46.3 86.1

132 73.3 67.9 126.1

130 90.0 72.0 133.6

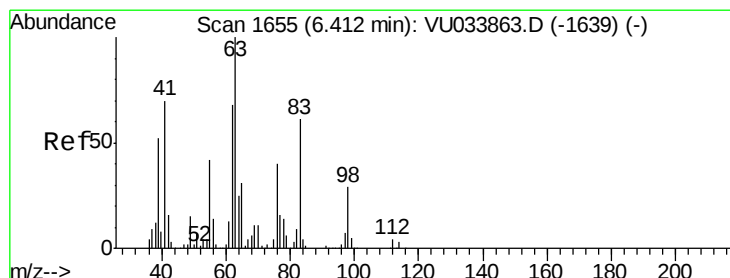
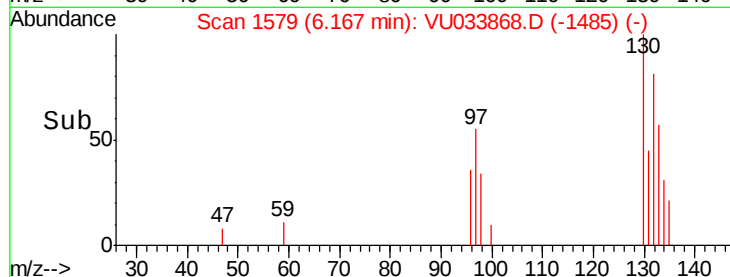
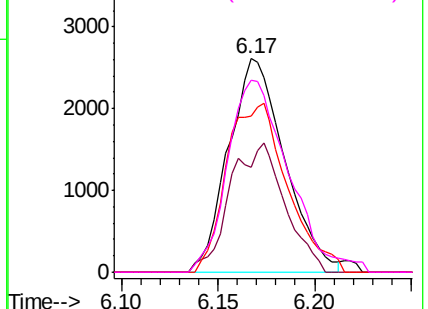


Abundance Ion 95.00 (94.70 to 95.70): VU033868.D (-1564) (-)

Ion 97.00 (96.70 to 97.70): VU033868.D (-1564) (-)

Ion 132.00 (131.70 to 132.70): VU033868.D (-1564) (-)

Ion 130.00 (129.70 to 130.70): VU033868.D (-1564) (-)



#37

1,2-Dichloropropane

Concen: 5.763 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033868.D

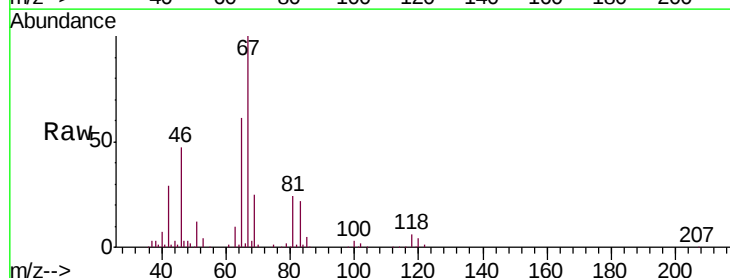
Acq: 21 Aug 2019 13:16

Tgt Ion: 63 Resp: 18085

Ion Ratio Lower Upper

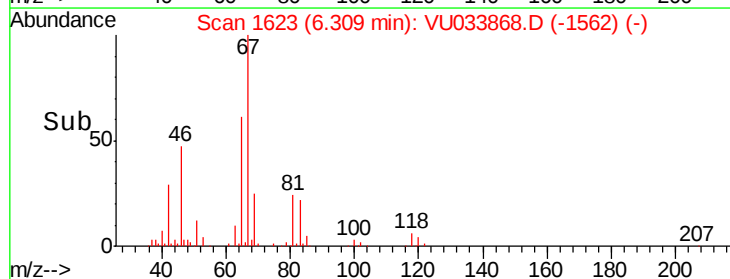
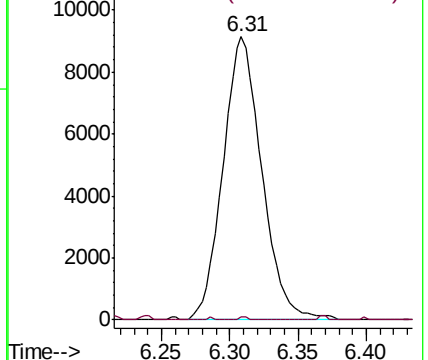
63 100

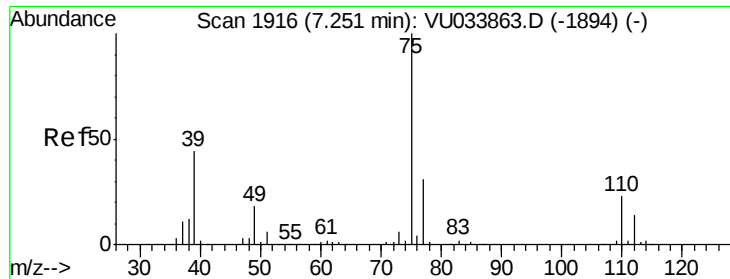
112 0.2 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU033868.D (-1562) (-)

Ion 112.00 (111.70 to 112.70): VU033868.D (-1562) (-)

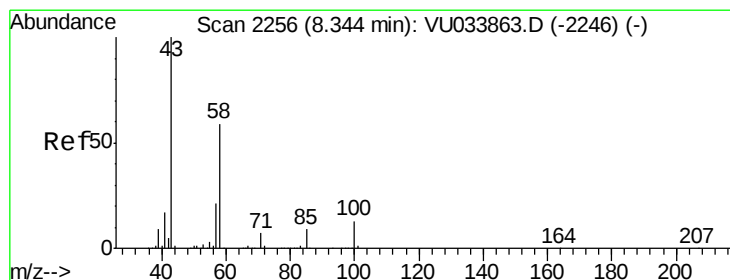
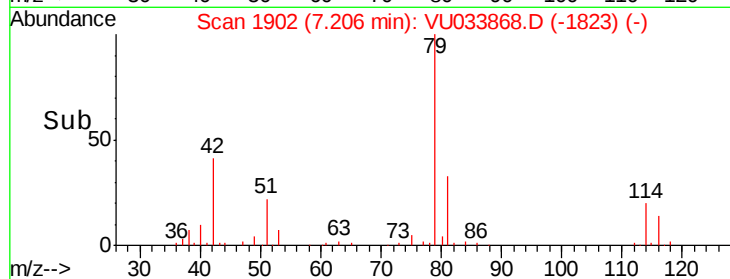
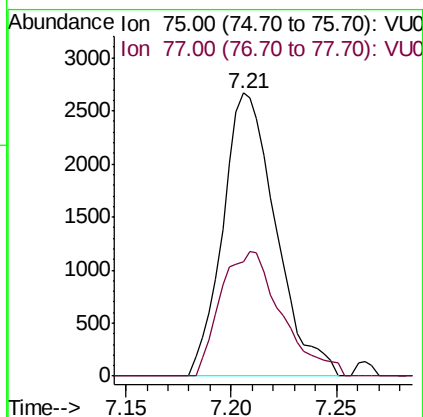
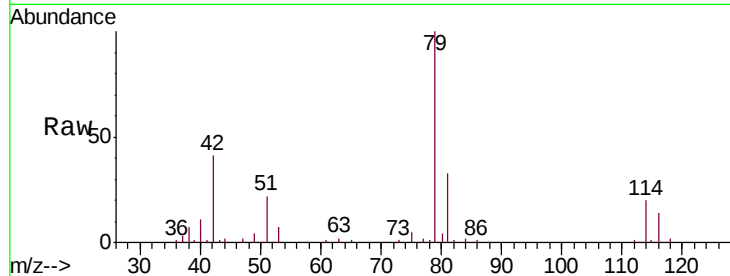




#39
 cis-1,3-Dichloropropene
 Concen: 1.019 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
 Lab File: VU033868.D
 Acq: 21 Aug 2019 13:16

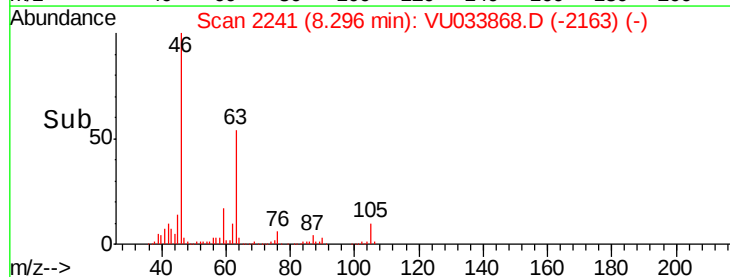
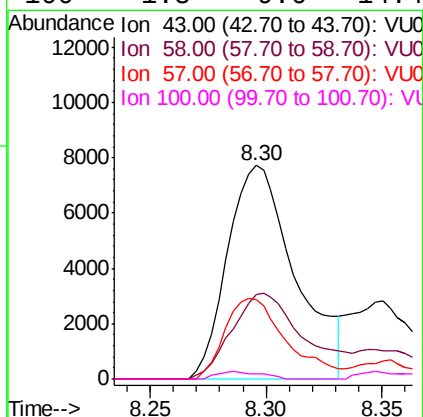
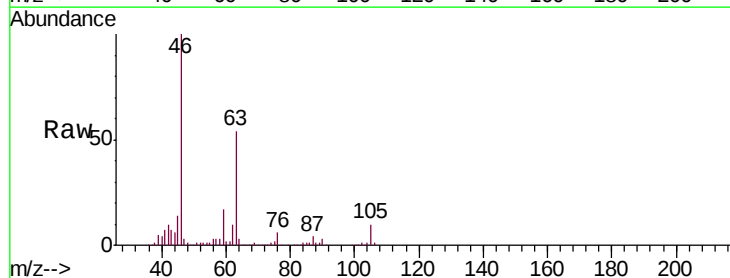
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

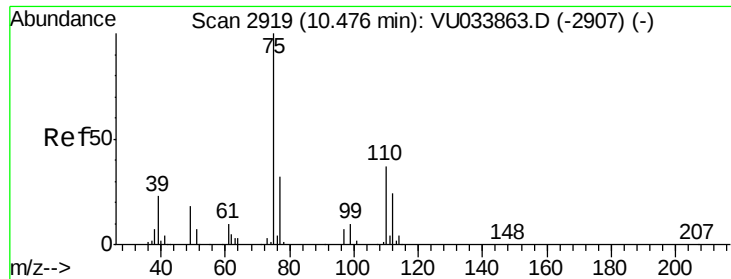
Tgt Ion: 75 Resp: 4661
 Ion Ratio Lower Upper
 75 100
 77 40.4 22.5 41.7



#48
 2-Hexanone
 Concen: 5.423 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033868.D
 Acq: 21 Aug 2019 13:16

Tgt Ion: 43 Resp: 15665
 Ion Ratio Lower Upper
 43 100
 58 43.8 45.0 67.4#
 57 34.7 15.4 23.0#
 100 1.8 9.6 14.4#





#59

1,2,3-Trichloropropane

Concen: 4.702 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU033868.D

Acq: 21 Aug 2019 13:16

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 17872

Ion Ratio Lower Upper

75 100

77 38.9 26.0 39.0

