

Data File : VU033341.D
Acq On : 19 Jul 2019 16:48
Operator : JC/SP
Sample : K3863-26
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Jul 19 22:58:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 22:54:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	311600	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	297414	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	140642	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	116587	49.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.86%
7) Chloroethane-d5	1.67	69	102206	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.44%
11) 1,1-Dichloroethene-d2	2.26	63	158942	37.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.30%
21) 2-Butanone-d5	4.15	46	165068	110.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.44%
24) Chloroform-d	4.62	84	181755	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	5.29	65	129940	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
32) Benzene-d6	5.32	84	403058	55.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.48%
36) 1,2-Dichloropropane-d6	6.31	67	128909	55.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.32%
41) Toluene-d8	7.55	98	360654	52.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.84%
43) trans-1,3-Dichloropropene-	7.83	79	59061	51.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.06%
47) 2-Hexanone-d5	8.29	63	121122	114.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.96%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	184825	52.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.50%
64) 1,2-Dichlorobenzene-d4	11.85	152	135731	54.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.24%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1329	0.625 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1490	0.716 ug/L #	1
13) Acetone	2.31	43	959	0.514 ug/L	73
25) Chloroform	4.65	83	15776	3.590 ug/L	99
27) 1,2-Dichloroethane	5.31	62	2405	0.707 ug/L #	76
37) 1,2-Dichloropropane	6.31	63	14417	6.129 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3737	1.036 ug/L #	75
44) trans-1,3-Dichloropropene	7.84	75	2810	0.864 ug/L	97
48) 2-Hexanone	8.29	43	13826	5.378 ug/L #	65
59) 1,2,3-Trichloropropane	11.47	75	17347	5.665 ug/L	91

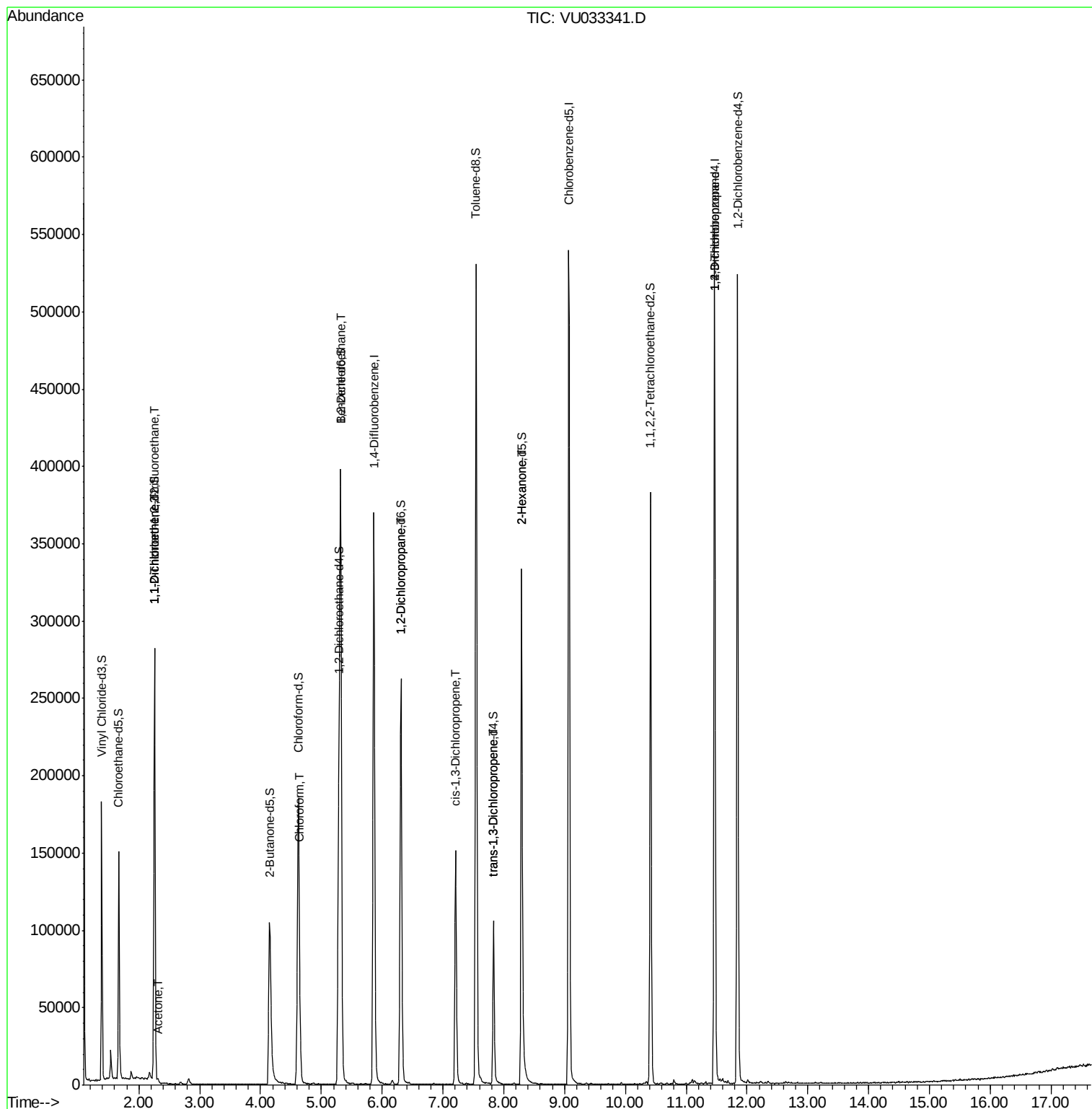
(#) = qualifier out of range (m) = manual integration (+) = signals summed

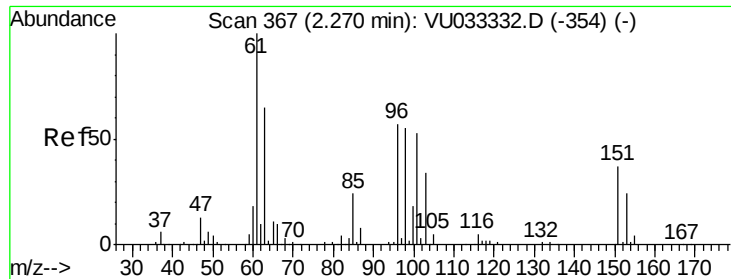
Data File : VU033341.D

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Quant Time: Jul 19 22:58:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 22:54:17 2019
Response via : Initial Calibration





#10

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

Concen: 0.625 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033341.D

Acq: 19 Jul 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

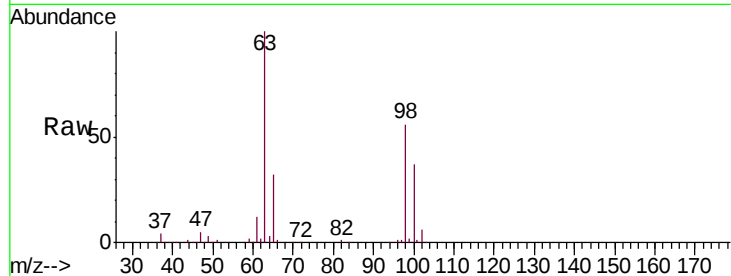
Tgt Ion: 101 Resp: 1329

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

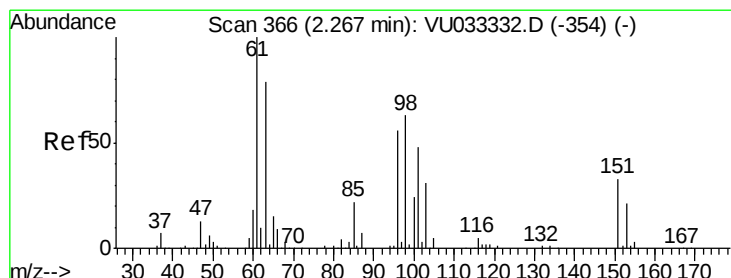
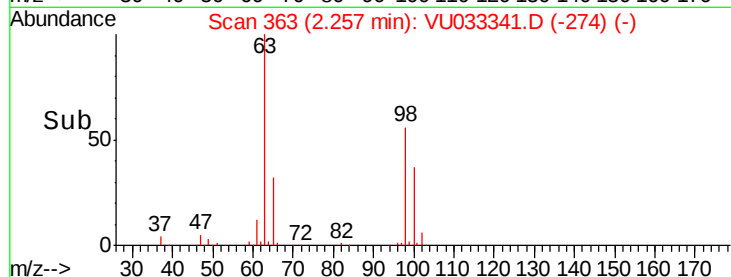
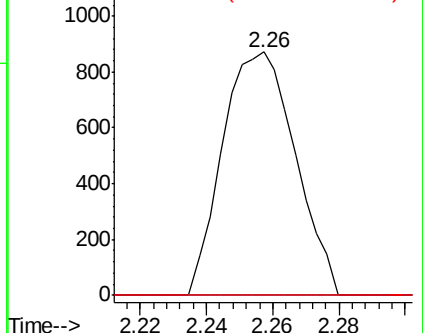
151 0.0 56.7 85.1#



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



#12

1,1-Dichloroethene

Concen: 0.716 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033341.D

Acq: 19 Jul 2019 16:48

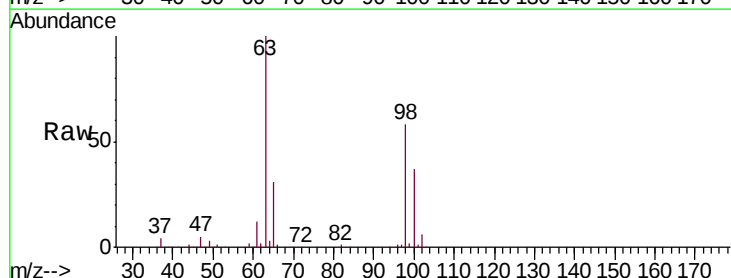
Tgt Ion: 96 Resp: 1490

Ion Ratio Lower Upper

96 100

61 1143.8 126.1 234.1#

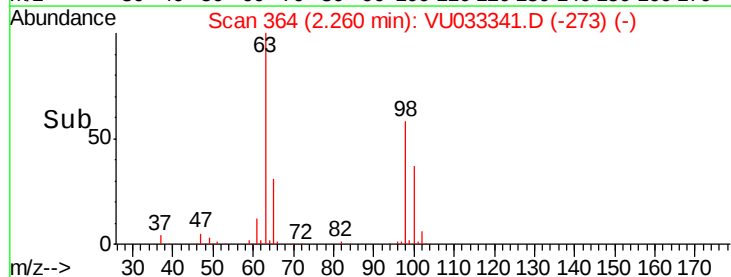
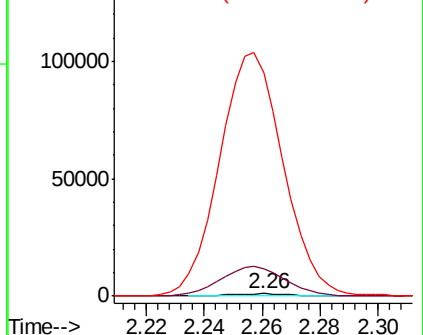
63 9152.7 96.8 179.8#

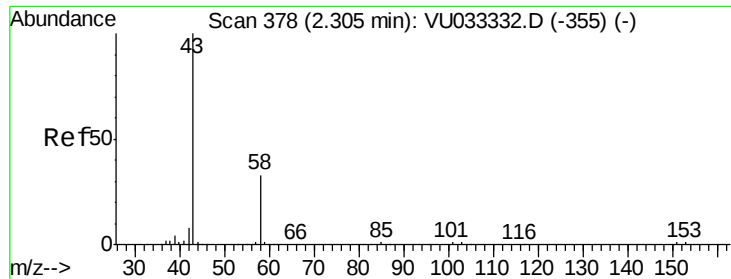


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.514 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033341.D

Acq: 19 Jul 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

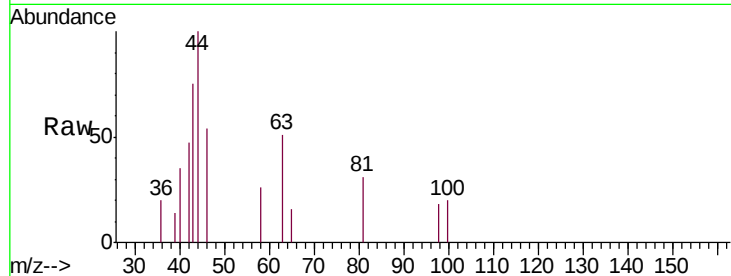
VHBLK02

Tgt Ion: 43 Resp: 959

Ion Ratio Lower Upper

43 100

58 17.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033332.D (-355) (-)

Ion 58.00 (57.70 to 58.70): VU033332.D (-355) (-)

2.31

600

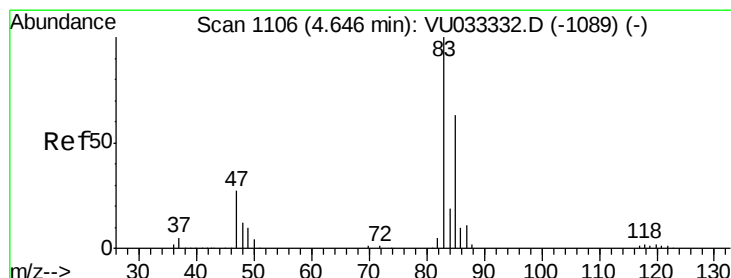
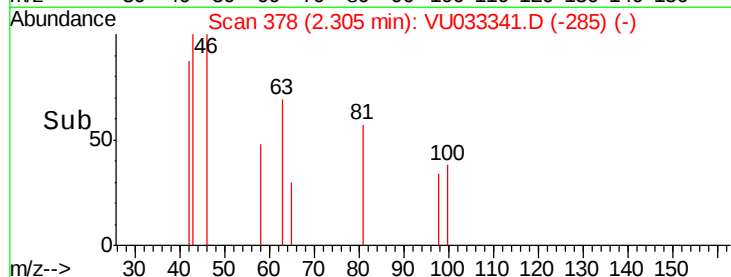
400

200

0

2.28 2.30 2.32 2.34

Time-->



#25

Chloroform

Concen: 3.590 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU033341.D

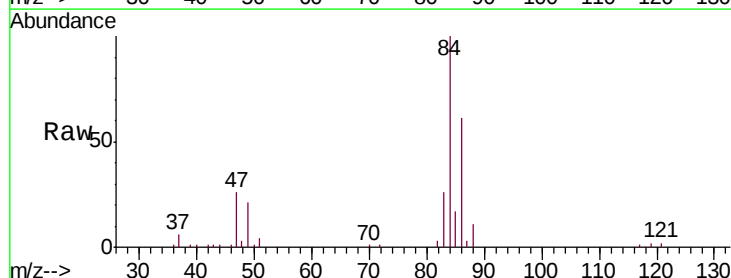
Acq: 19 Jul 2019 16:48

Tgt Ion: 83 Resp: 15776

Ion Ratio Lower Upper

83 100

85 66.0 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033332.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU033332.D (-1089) (-)

4.65

6000

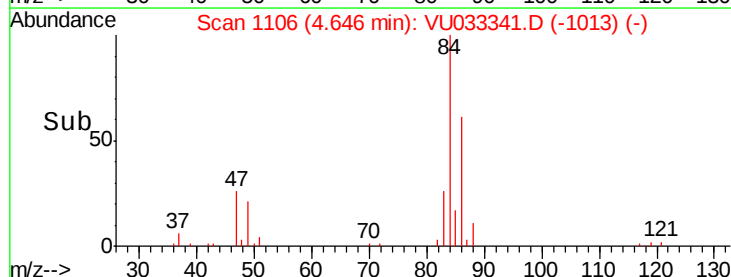
4000

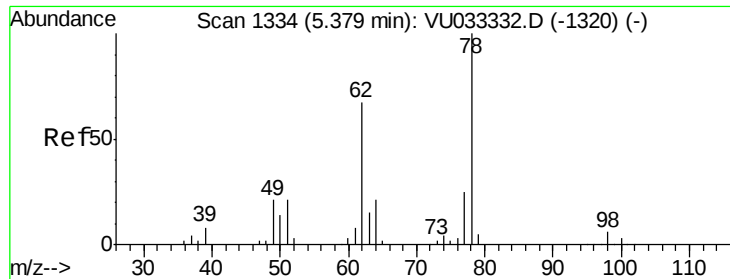
2000

0

4.60 4.65 4.70

Time-->





#27

1,2-Dichloroethane

Concen: 0.707 ug/L

RT: 5.31 min Scan# 1314

Delta R.T. -0.06 min

Lab File: VU033341.D

Acq: 19 Jul 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

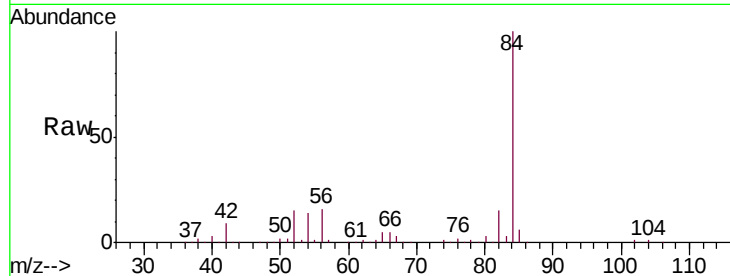
VHBLK02

Tgt Ion: 62 Resp: 2405

Ion Ratio Lower Upper

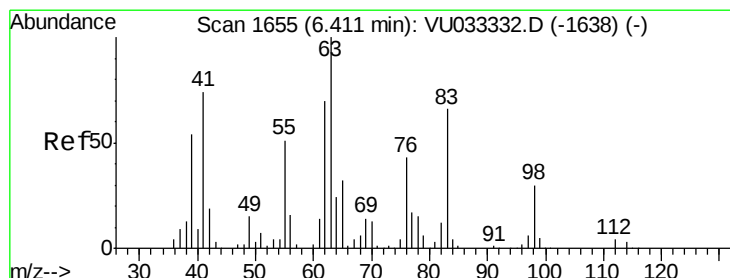
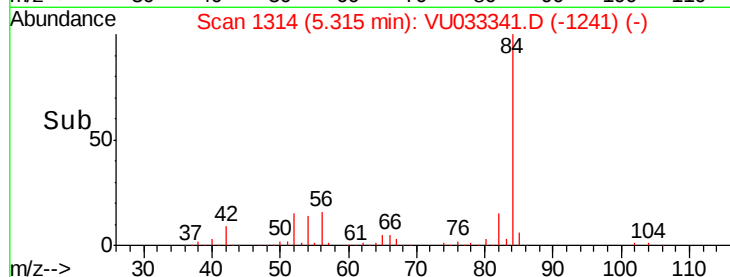
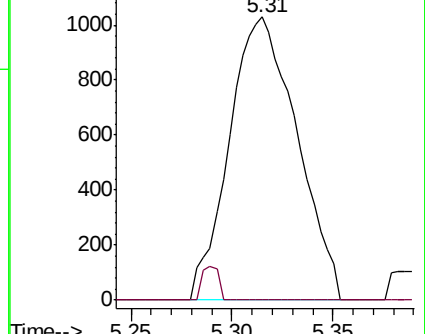
62 100

98 0.0 7.0 10.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#37

1,2-Dichloropropane

Concen: 6.129 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033341.D

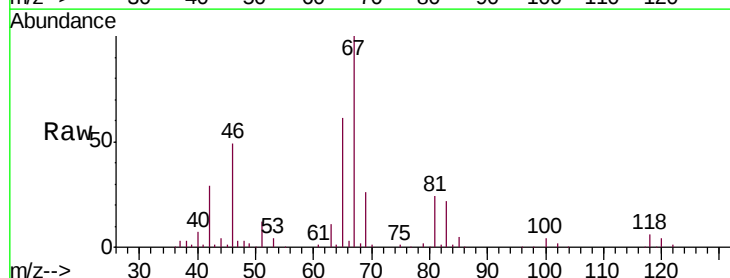
Acq: 19 Jul 2019 16:48

Tgt Ion: 63 Resp: 14417

Ion Ratio Lower Upper

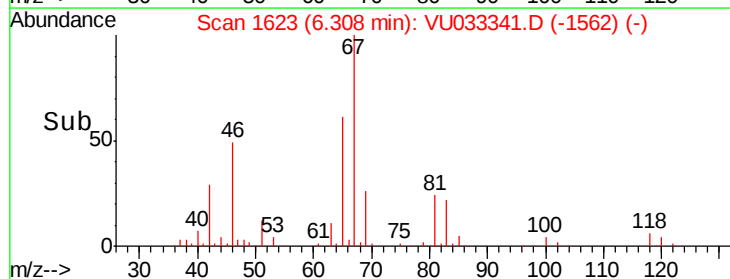
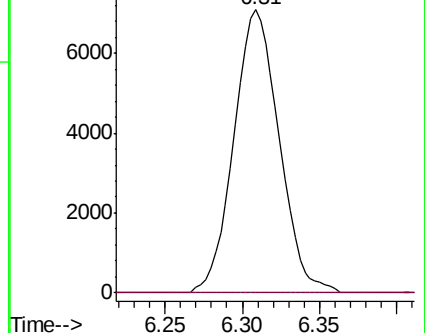
63 100

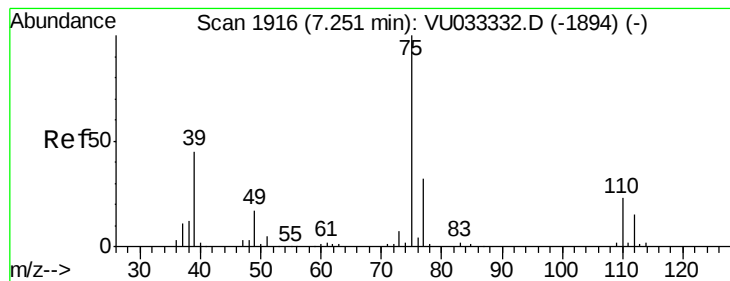
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



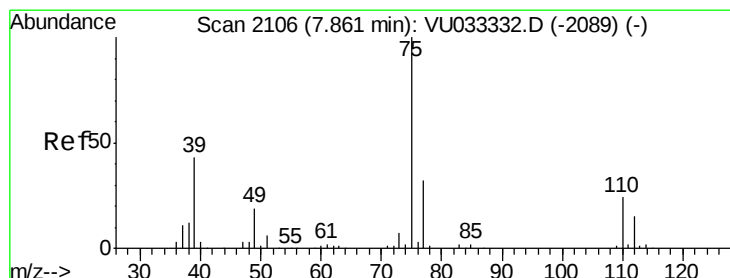
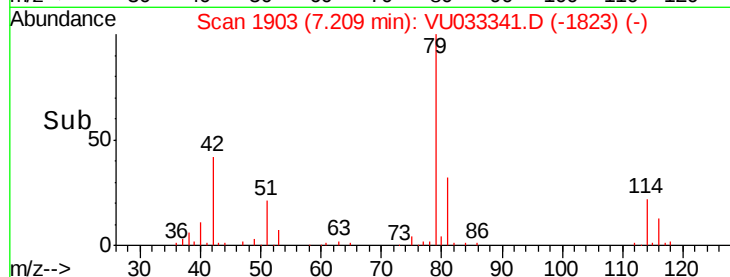
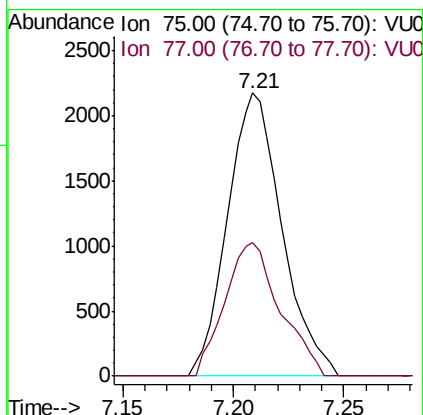
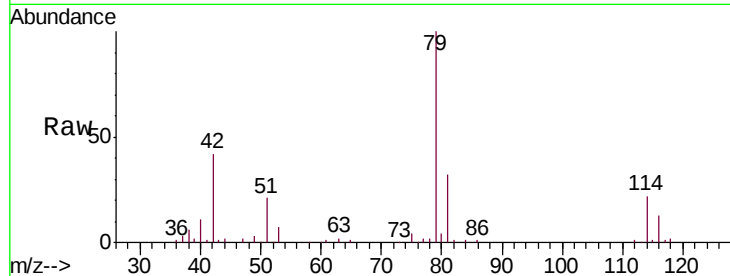


#39

cis-1,3-Dichloropropene
 Concen: 1.036 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033341.D
 Acq: 19 Jul 2019 16:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

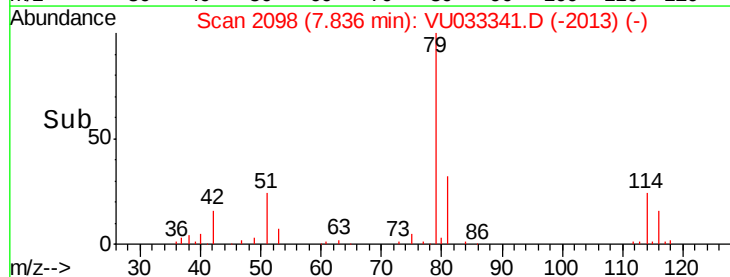
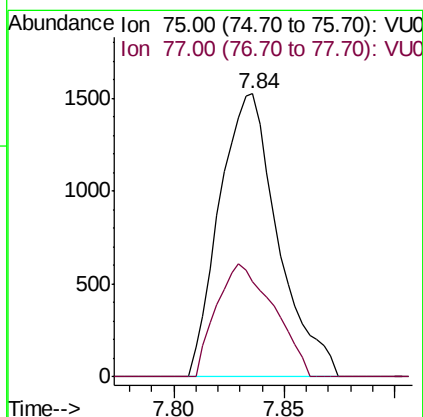
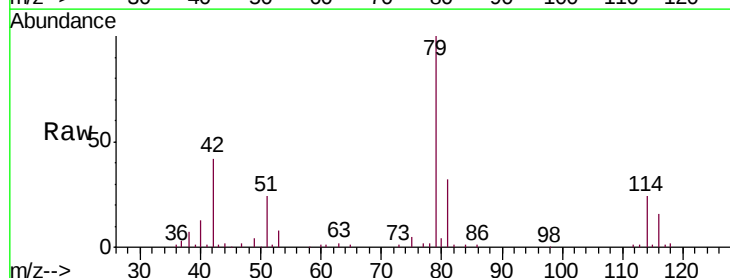
Tgt Ion: 75 Resp: 3737
 Ion Ratio Lower Upper
 75 100
 77 47.3 23.1 42.9#

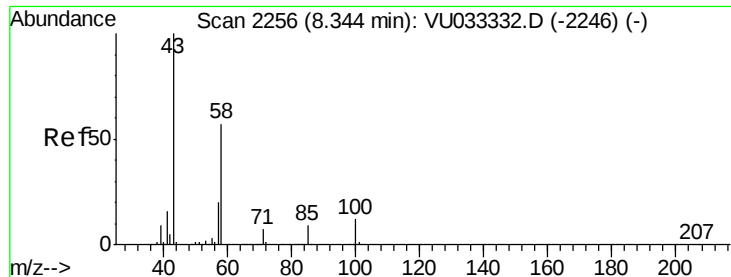


#44

trans-1,3-Dichloropropene
 Concen: 0.864 ug/L
 RT: 7.84 min Scan# 2098
 Delta R.T. -0.03 min
 Lab File: VU033341.D
 Acq: 19 Jul 2019 16:48

Tgt Ion: 75 Resp: 2810
 Ion Ratio Lower Upper
 75 100
 77 33.5 22.4 41.6

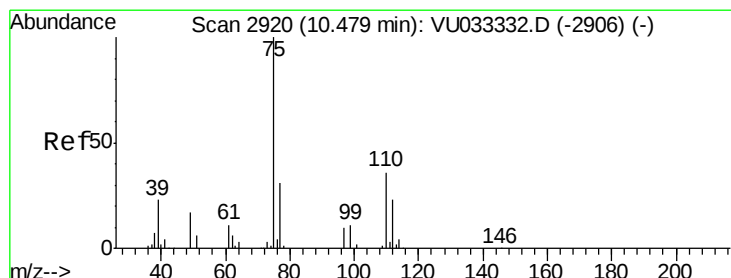
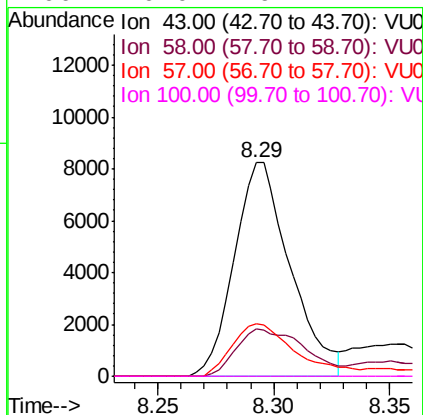
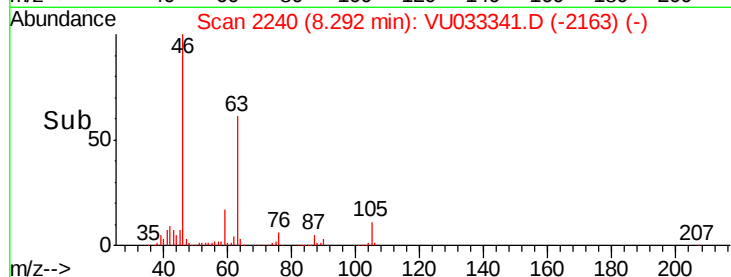
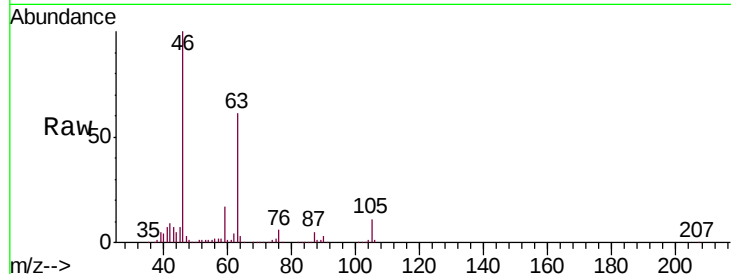




#48
 2-Hexanone
 Concen: 5.378 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033341.D
 Acq: 19 Jul 2019 16:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion: 43 Resp: 13826
 Ion Ratio Lower Upper
 43 100
 58 26.9 46.1 69.1#
 57 28.1 15.8 23.8#
 100 0.0 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.665 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033341.D
 Acq: 19 Jul 2019 16:48

Tgt Ion: 75 Resp: 17347
 Ion Ratio Lower Upper
 75 100
 77 37.4 26.0 39.0

