

Data File : VU033333.D
Acq On : 19 Jul 2019 12:32
Operator : JC/SP
Sample : VU0719MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Quant Time: Jul 19 22:56:57 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	255121	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	252209	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	114632	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	99686	51.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.24%
7) Chloroethane-d5	1.67	69	90284	54.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.44%
11) 1,1-Dichloroethene-d2	2.26	63	134804	38.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.96%
21) 2-Butanone-d5	4.15	46	138587	113.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.25%
24) Chloroform-d	4.62	84	165126	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
26) 1,2-Dichloroethane-d4	5.29	65	109901	52.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.88%
32) Benzene-d6	5.32	84	333140	53.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.68%
36) 1,2-Dichloropropane-d6	6.31	67	107071	54.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.04%
41) Toluene-d8	7.55	98	302623	51.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.74%
43) trans-1,3-Dichloropropene-	7.83	79	51242	52.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.46%
47) 2-Hexanone-d5	8.30	63	94779	106.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.08%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	154375	51.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	108231	52.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.88%

Target Compounds

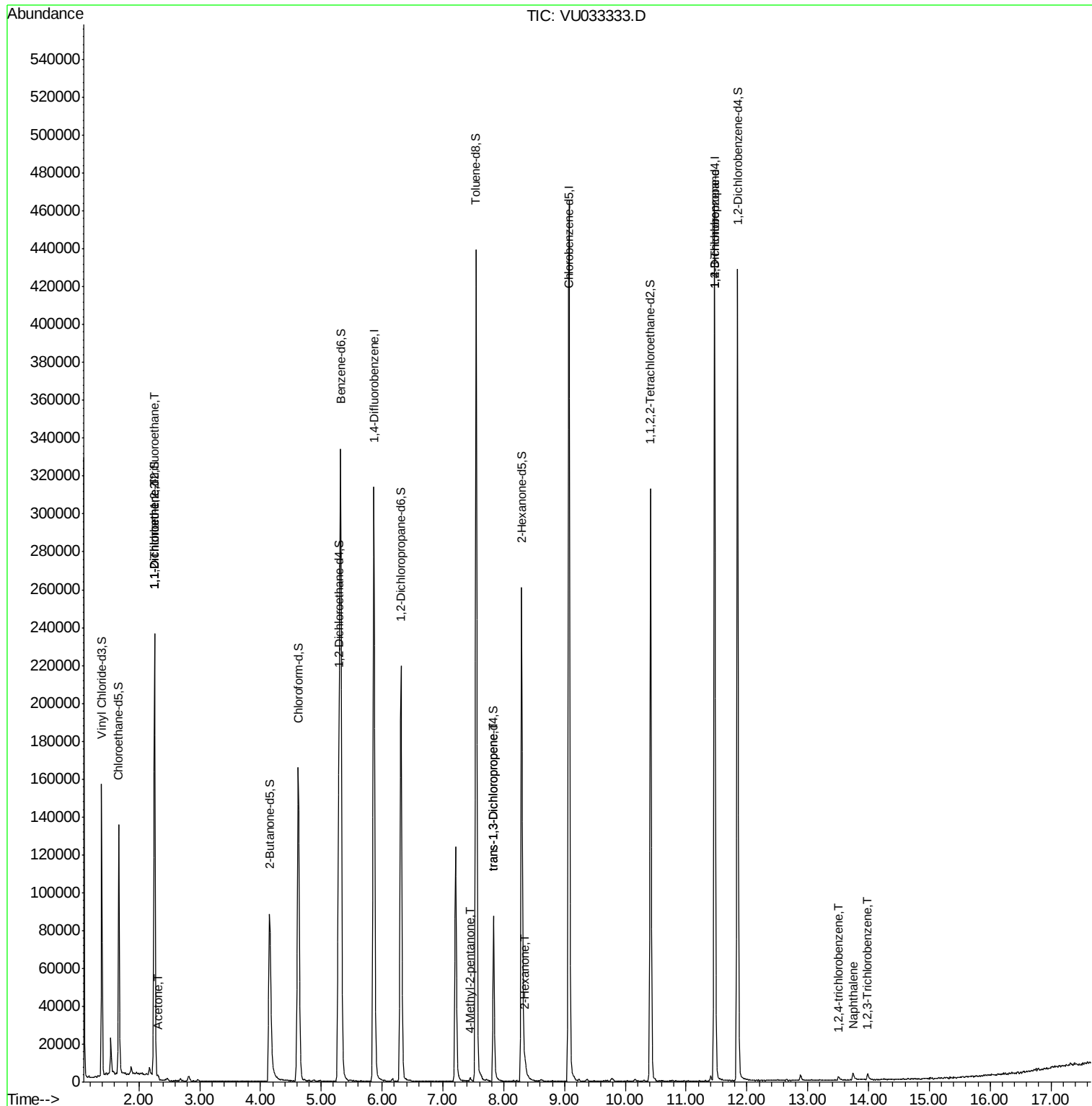
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1229	0.706 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1110	0.652 ug/L #	1
13) Acetone	2.31	43	1269	0.830 ug/L	64
40) 4-Methyl-2-pentanone	7.45	43	1412	0.528 ug/L #	72
44) trans-1,3-Dichloropropene	7.83	75	2436	0.883 ug/L	94
48) 2-Hexanone	8.35	43	4643	2.130 ug/L #	50
59) 1,2,3-Trichloropropane	11.47	75	15426	5.941 ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	828	0.372 ug/L #	87
69) Naphthalene	13.75	128	5015	0.702 ug/L #	92
70) 1,2,3-Trichlorobenzene	13.99	180	1627	0.673 ug/L #	83

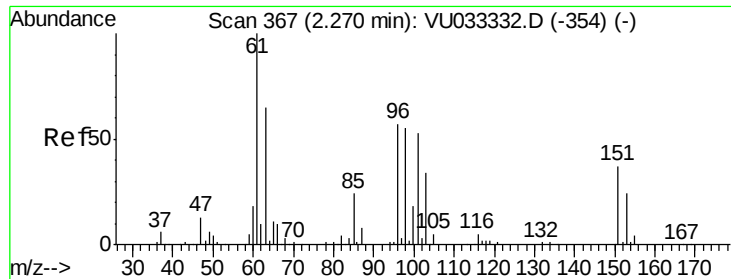
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.706 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK55

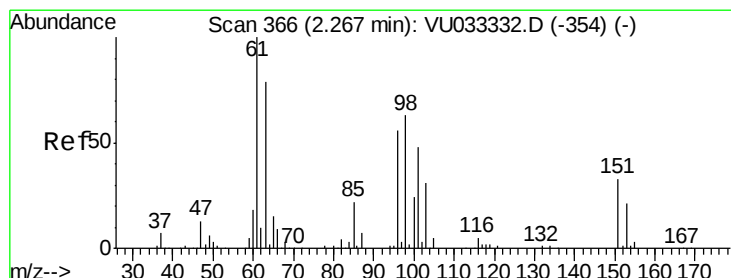
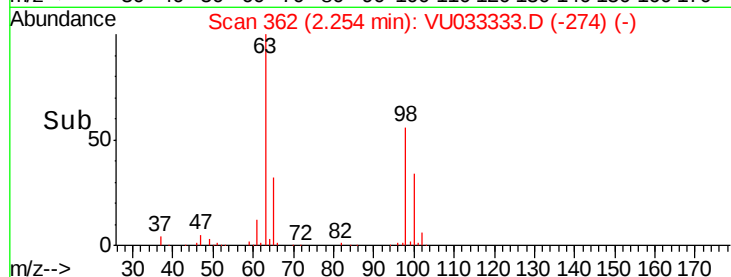
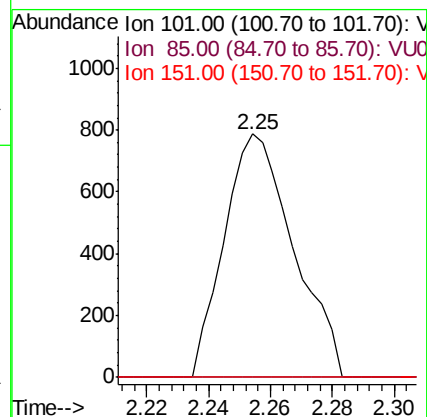
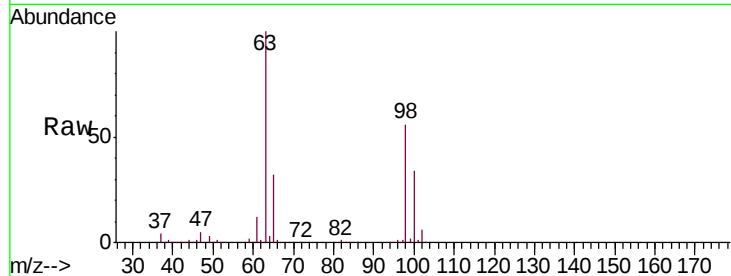
Tgt Ion: 101 Resp: 1229

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 56.7 85.1#



#12

1,1-Dichloroethene

Concen: 0.652 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033333.D

Acq: 19 Jul 2019 12:32

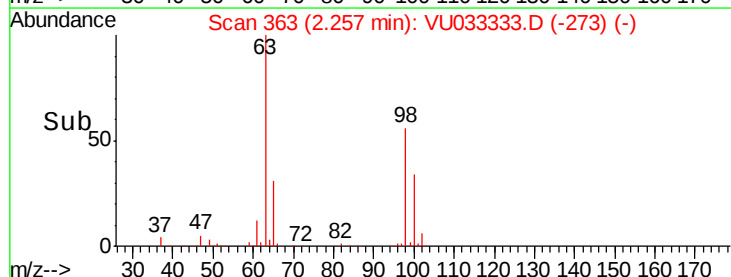
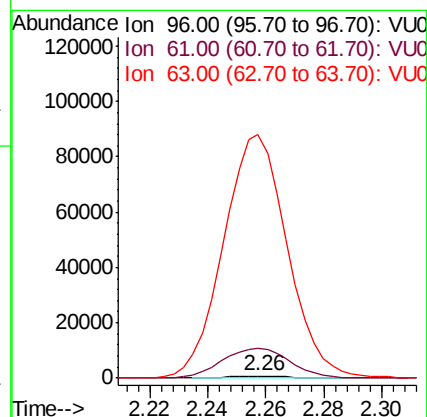
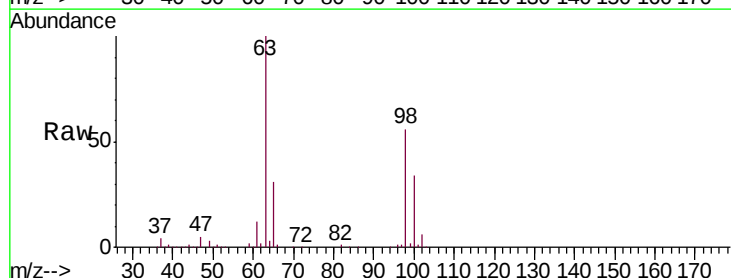
Tgt Ion: 96 Resp: 1110

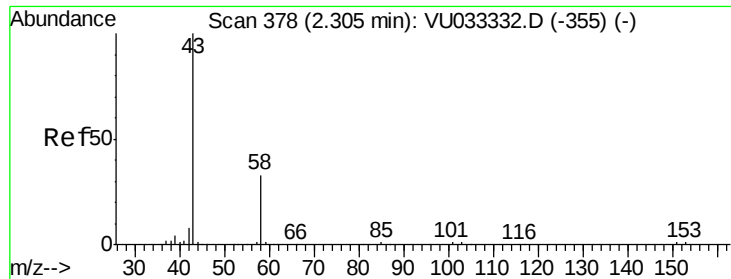
Ion Ratio Lower Upper

96 100

61 1464.7 126.1 234.1#

63 12090.1 96.8 179.8#





#13

Acetone

Concen: 0.830 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033333.D

Acq: 19 Jul 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

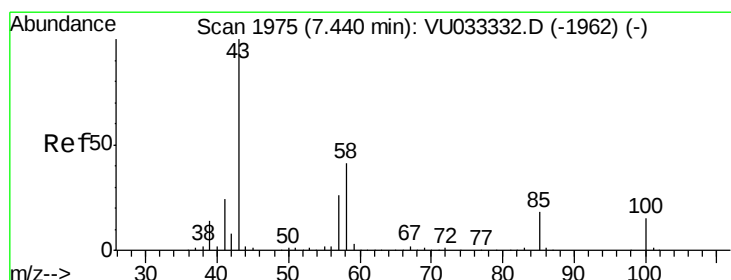
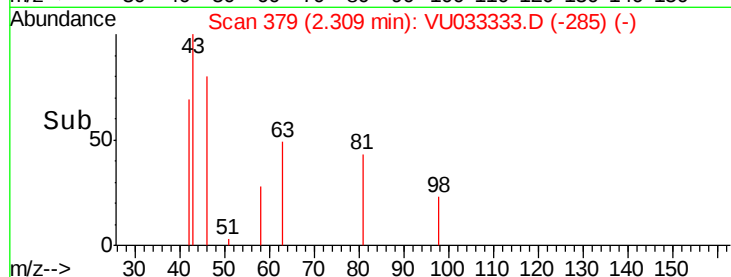
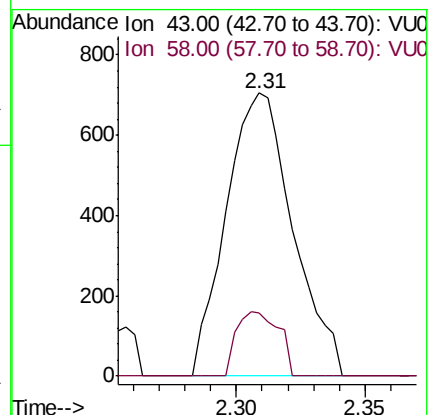
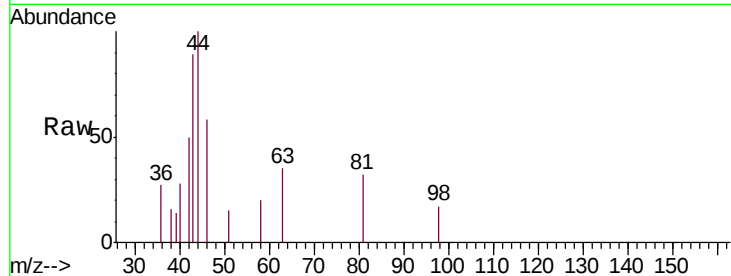
VBLK55

Tgt Ion: 43 Resp: 1269

Ion Ratio Lower Upper

43 100

58 12.7 0.0 65.4



#40

4-Methyl-2-pentanone

Concen: 0.528 ug/L

RT: 7.45 min Scan# 1978

Delta R.T. 0.01 min

Lab File: VU033333.D

Acq: 19 Jul 2019 12:32

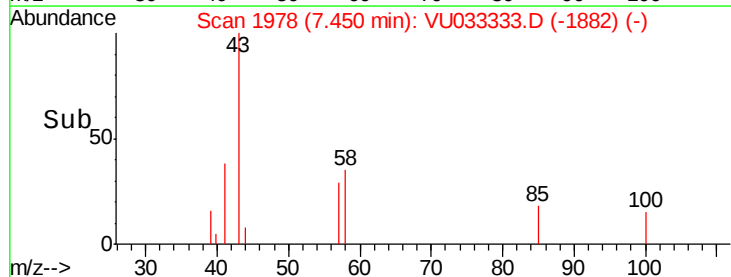
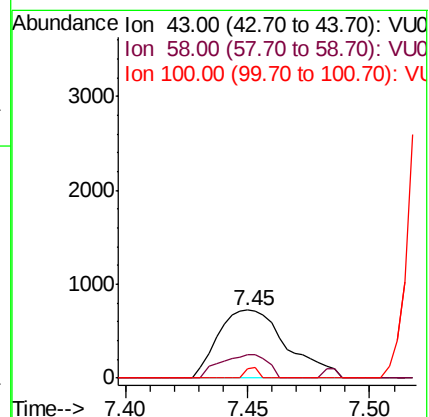
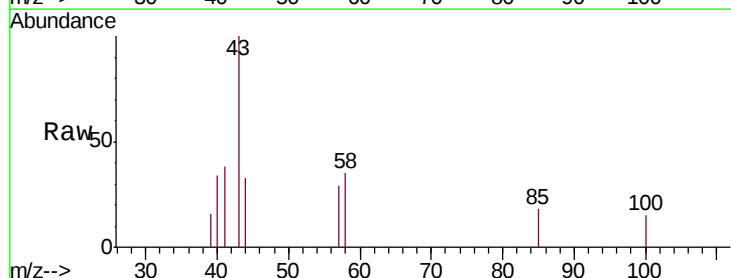
Tgt Ion: 43 Resp: 1412

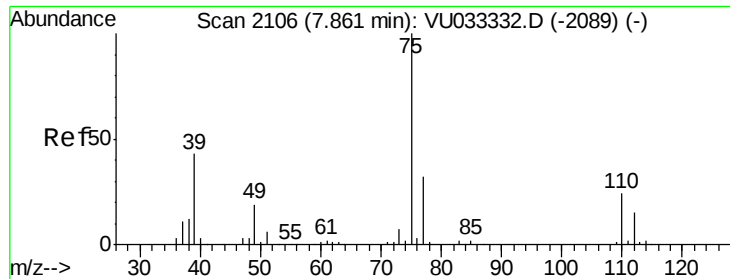
Ion Ratio Lower Upper

43 100

58 23.8 33.3 49.9#

100 3.0 12.1 18.1#

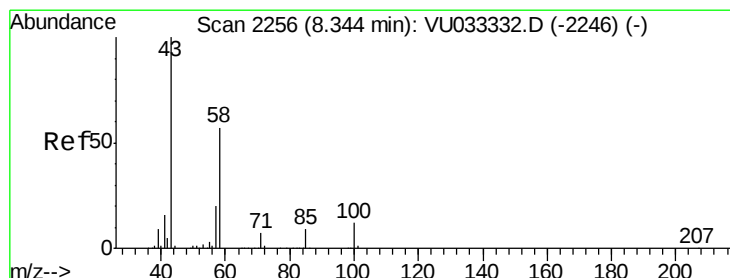
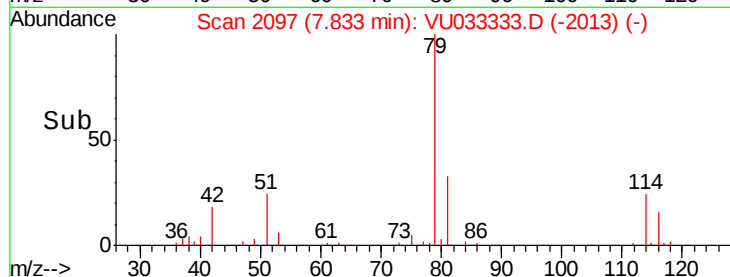
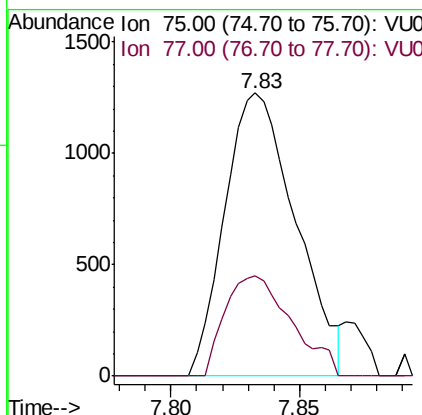
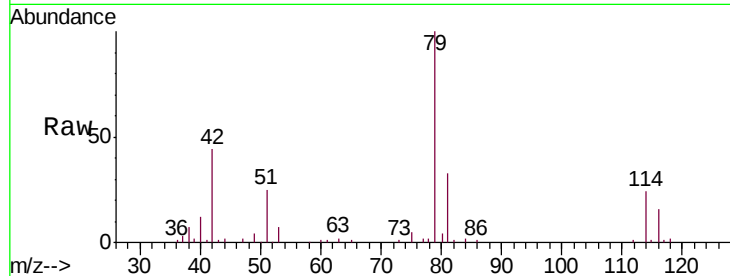




#44
trans-1,3-Dichloropropene
Concen: 0.883 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033333.D
Acq: 19 Jul 2019 12:32

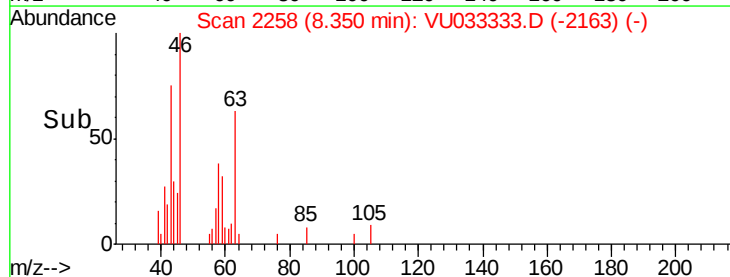
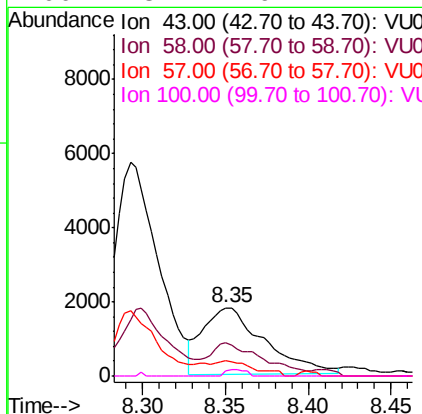
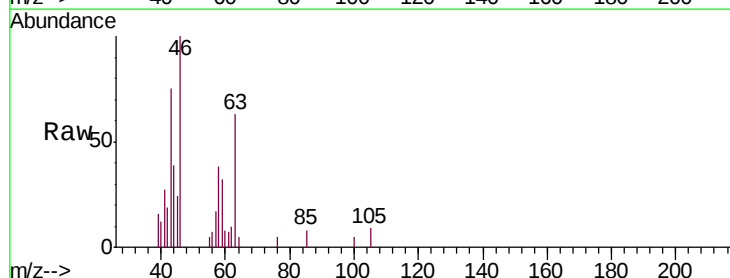
Instrument :
MSVOA_U
ClientSampled :
VBLK55

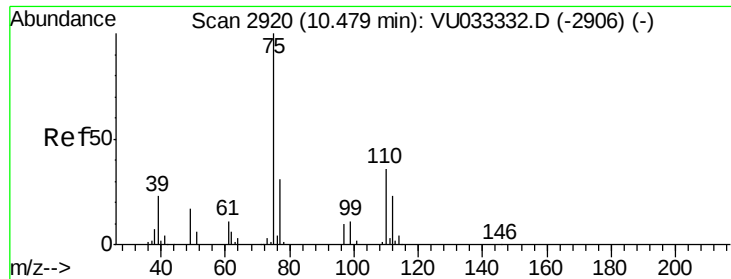
Tgt Ion: 75 Resp: 2436
Ion Ratio Lower Upper
75 100
77 35.3 22.4 41.6



#48
2-Hexanone
Concen: 2.130 ug/L
RT: 8.35 min Scan# 2258
Delta R.T. 0.01 min
Lab File: VU033333.D
Acq: 19 Jul 2019 12:32

Tgt Ion: 43 Resp: 4643
Ion Ratio Lower Upper
43 100
58 9.9 46.1 69.1#
57 7.9 15.8 23.8#
100 3.1 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 5.941 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033333.D

Acq: 19 Jul 2019 12:32

Instrument :

MSVOA_U

ClientSampled :

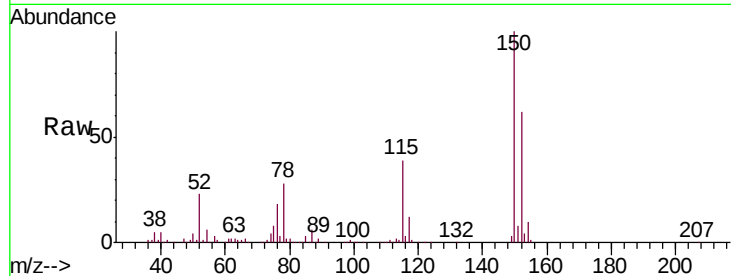
VBLK55

Tgt Ion: 75 Resp: 15426

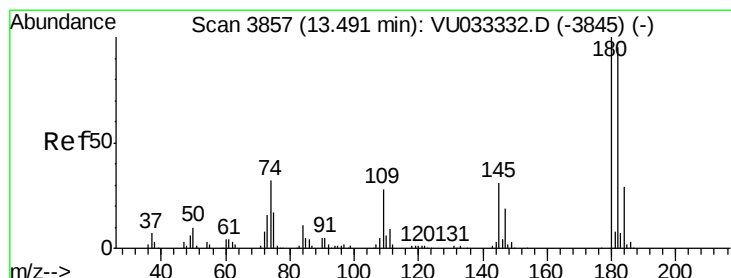
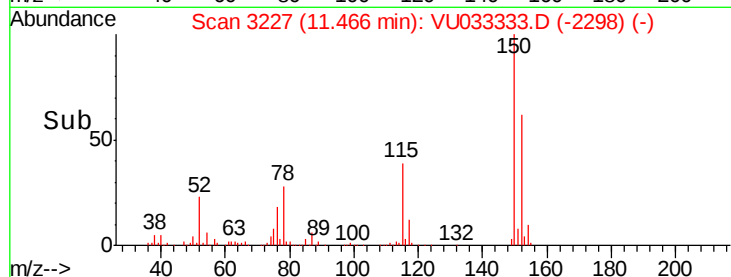
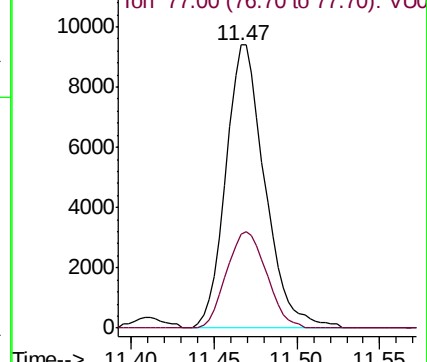
Ion Ratio Lower Upper

75 100

77 34.7 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU033333.D (-2298) (-)



#68

1,2,4-trichlorobenzene

Concen: 0.372 ug/L

RT: 13.50 min Scan# 3861

Delta R.T. 0.01 min

Lab File: VU033333.D

Acq: 19 Jul 2019 12:32

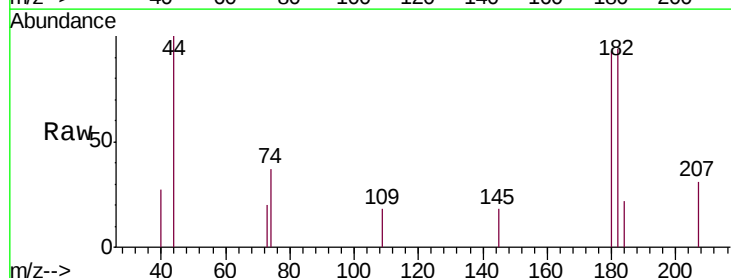
Tgt Ion: 180 Resp: 828

Ion Ratio Lower Upper

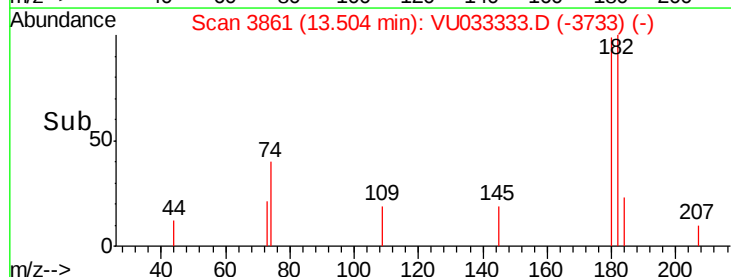
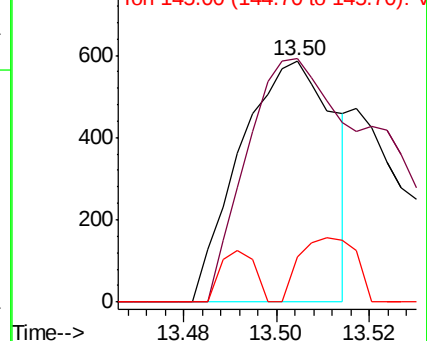
180 100

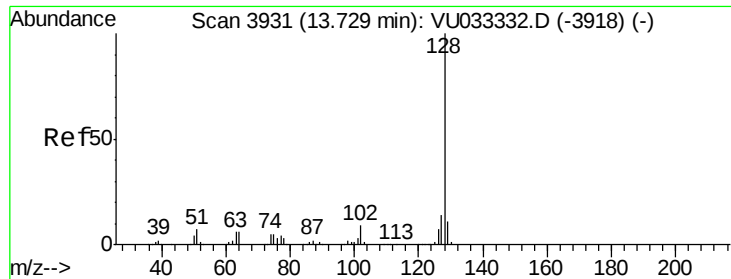
182 103.5 76.5 114.7

145 15.9 24.6 36.8#



Abundance Ion 180.00 (179.70 to 180.70): VU033333.D (-3733) (-)





#69

Naphthalene

Concen: 0.702 ug/L

RT: 13.75 min Scan# 3936

Delta R.T. 0.02 min

Lab File: VU033333.D

Acq: 19 Jul 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

VBLK55

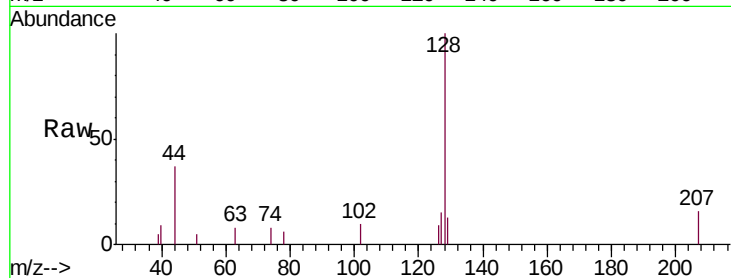
Tgt Ion:128 Resp: 5015

Ion Ratio Lower Upper

128 100

127 10.4 10.8 16.2#

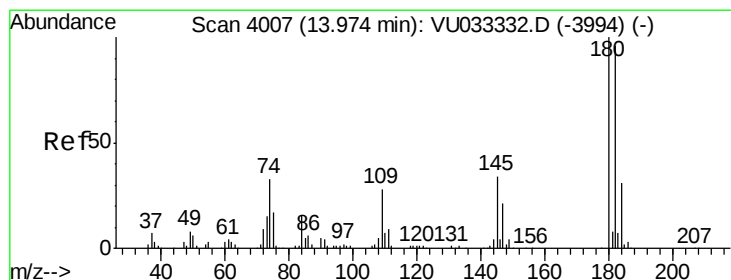
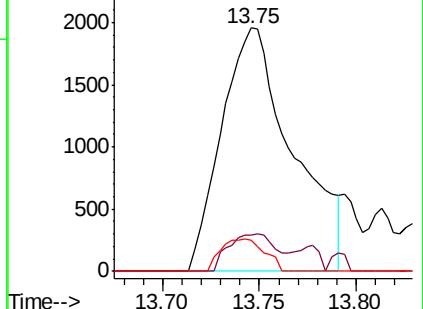
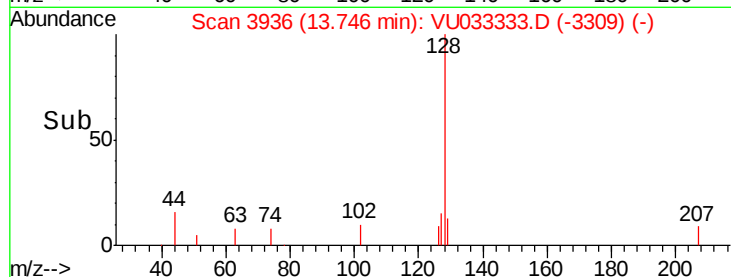
129 8.1 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.673 ug/L

RT: 13.99 min Scan# 4012

Delta R.T. 0.02 min

Lab File: VU033333.D

Acq: 19 Jul 2019 12:32

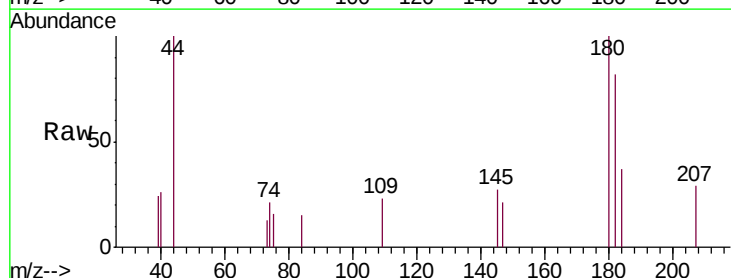
Tgt Ion:180 Resp: 1627

Ion Ratio Lower Upper

180 100

182 83.6 77.4 116.2

145 16.7 26.2 39.2#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

