

Data File : VU033656.D
Acq On : 08 Aug 2019 22:23
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Aug 09 07:45:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	274841	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	281586	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	126103	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	148159	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.50%
7) Chloroethane-d5	1.67	69	130046	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.04%
11) 1,1-Dichloroethene-d2	2.26	63	192586	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.80%
21) 2-Butanone-d5	4.15	46	224115	98.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.63%
24) Chloroform-d	4.62	84	234909	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
26) 1,2-Dichloroethane-d4	5.29	65	170418	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
32) Benzene-d6	5.32	84	524128	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
36) 1,2-Dichloropropane-d6	6.31	67	168688	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.04%
41) Toluene-d8	7.55	98	469820	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%
43) trans-1,3-Dichloropropene-	7.83	79	74499	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.18%
47) 2-Hexanone-d5	8.29	63	167347	100.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.11%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	252198	48.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	182390	52.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.88%

Target Compounds

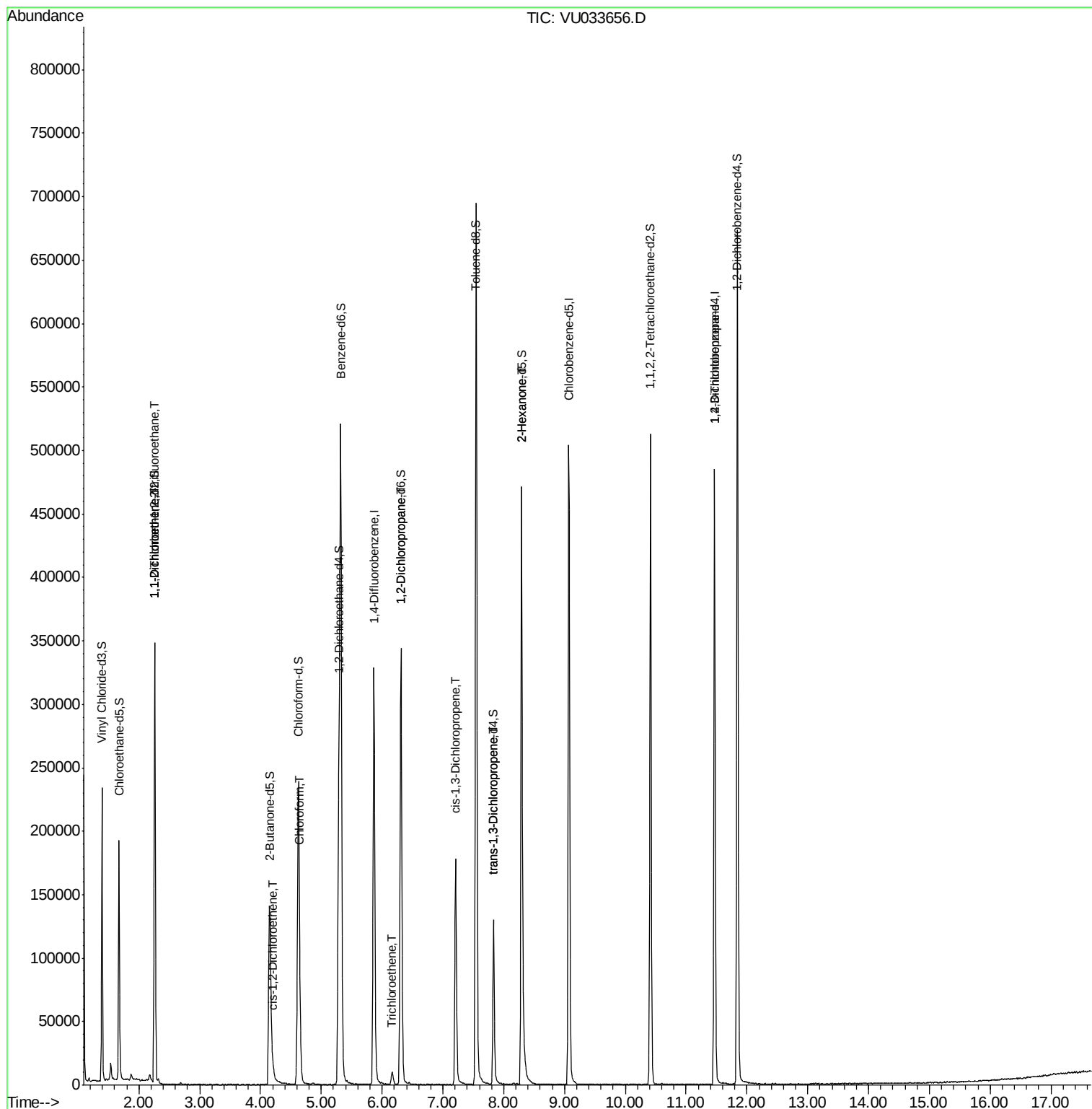
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1723	0.846 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1526	0.785 ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	2466	1.081 ug/L	98
25) Chloroform	4.65	83	24043	5.808 ug/L	98
34) Trichloroethene	6.17	95	2160	0.947 ug/L	93
37) 1,2-Dichloropropane	6.31	63	18178	7.566 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4804	1.343 ug/L #	80
44) trans-1,3-Dichloropropene	7.83	75	3465	1.029 ug/L	83
48) 2-Hexanone	8.29	43	20190	7.026 ug/L #	71
59) 1,2,3-Trichloropropane	11.47	75	15017	4.578 ug/L #	88

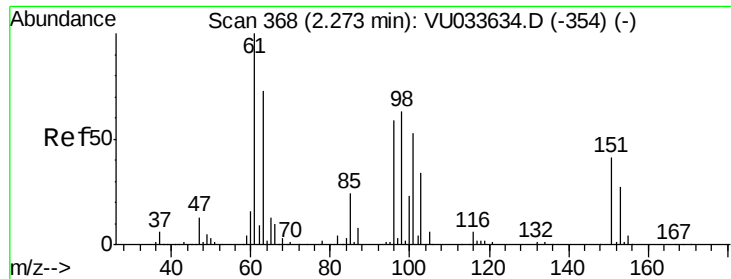
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.846 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

VIBLK40

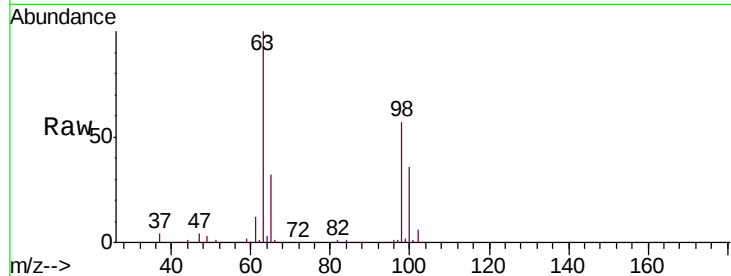
Tgt Ion: 101 Resp: 1723

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

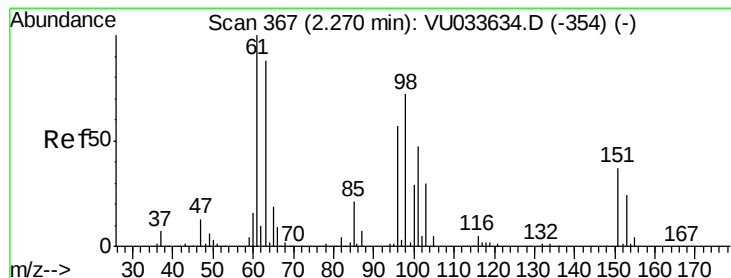
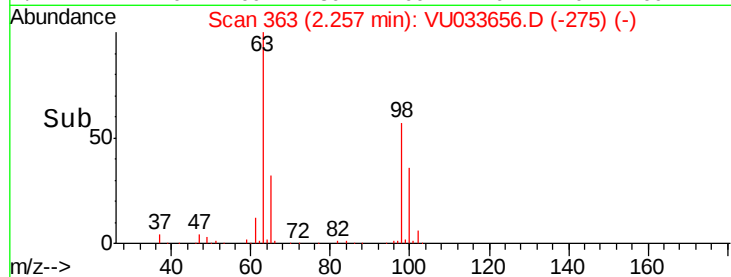
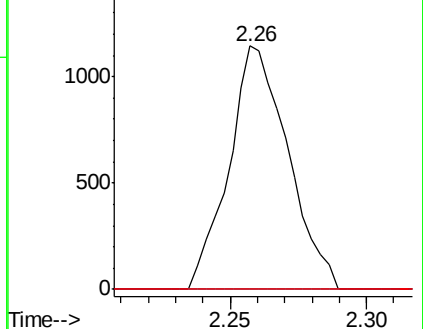
151 0.0 60.4 90.6#



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



#12

1,1-Dichloroethene

Concen: 0.785 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033656.D

Acq: 08 Aug 2019 22:23

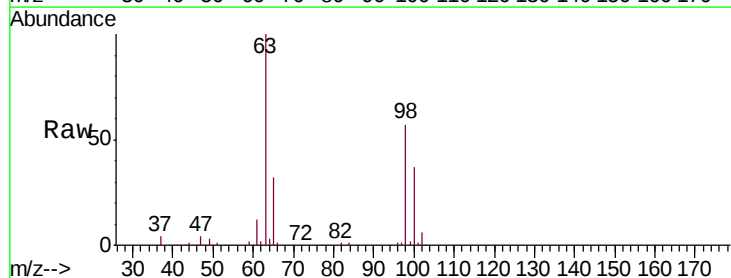
Tgt Ion: 96 Resp: 1526

Ion Ratio Lower Upper

96 100

61 1455.9 124.0 230.2#

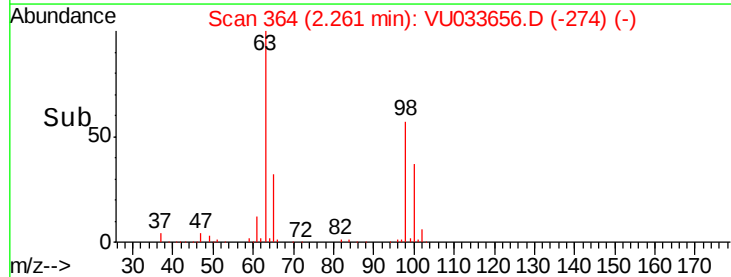
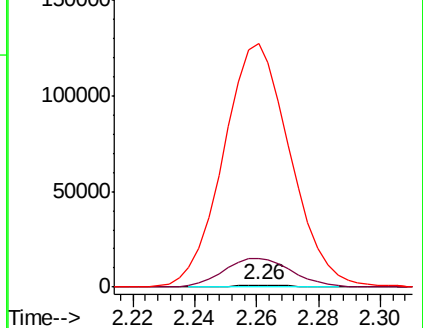
63 12203.8 114.9 213.5#

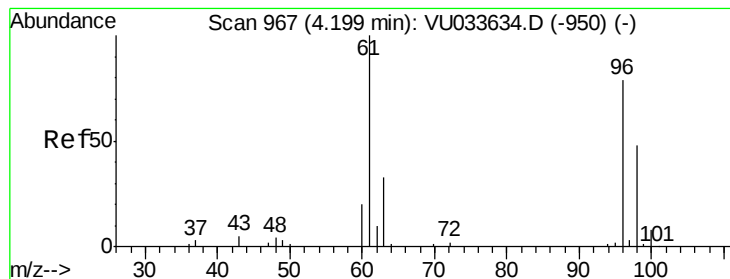


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 1.081 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU033656.D

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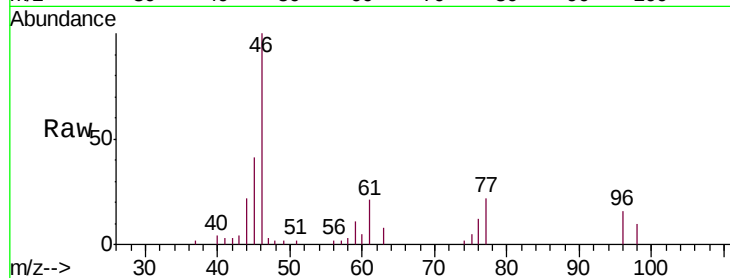
Tgt Ion: 96 Resp: 2466

Ion Ratio Lower Upper

96 100

61 134.8 93.0 172.8

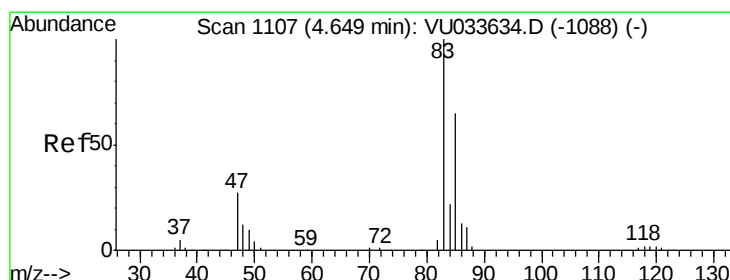
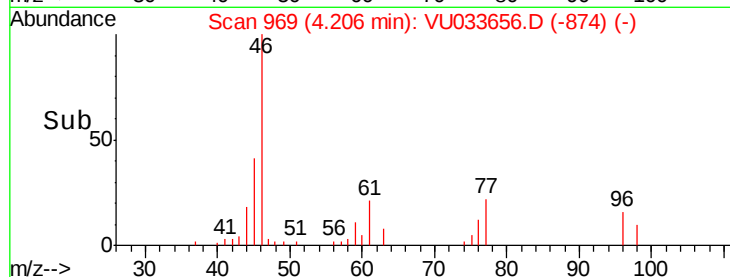
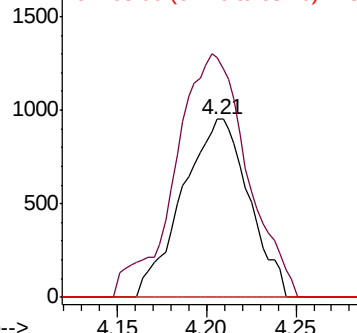
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033634.D (-950) (-)

Ion 61.00 (60.70 to 61.70): VU033634.D (-950) (-)

Ion 68.00 (67.70 to 68.70): VU033634.D (-950) (-)



#25

Chloroform

Concen: 5.808 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033656.D

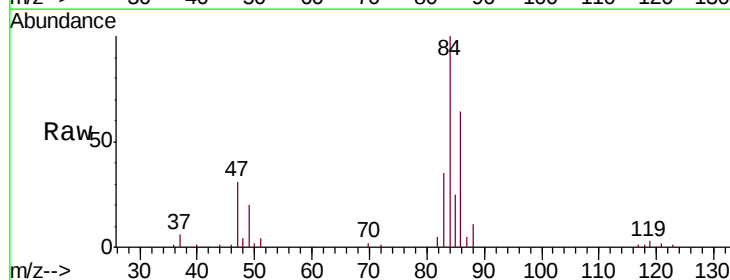
Acq: 08 Aug 2019 22:23

Tgt Ion: 83 Resp: 24043

Ion Ratio Lower Upper

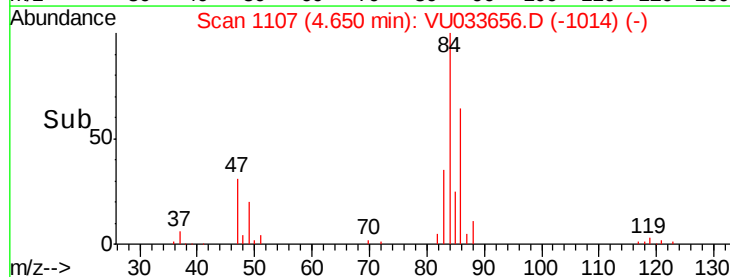
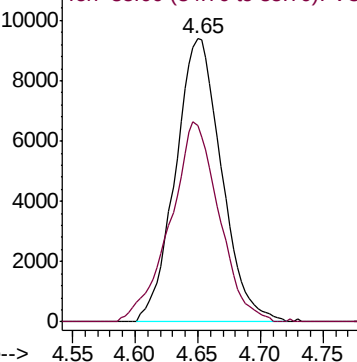
83 100

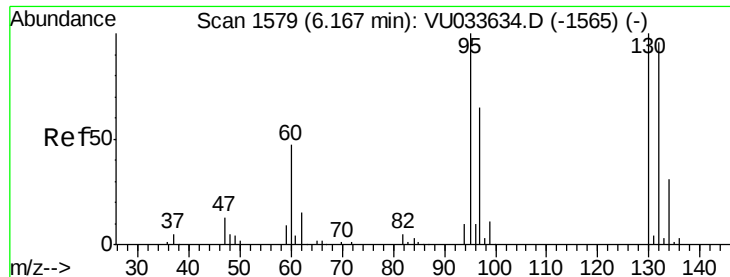
85 69.4 47.2 87.6



Abundance Ion 83.00 (82.70 to 83.70): VU033634.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033634.D (-1088) (-)

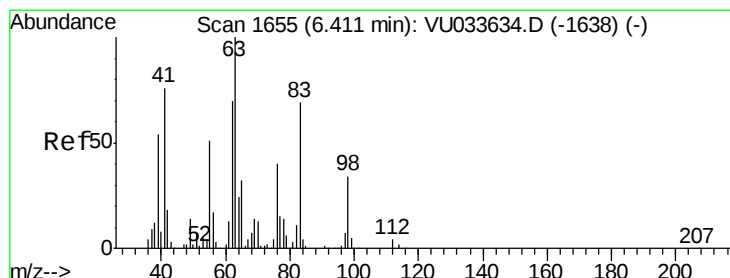
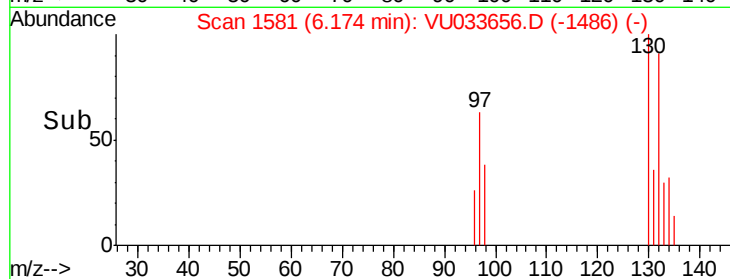
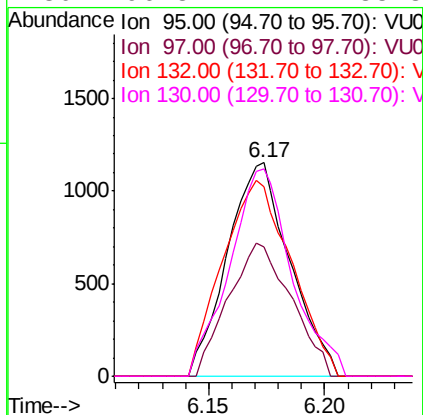
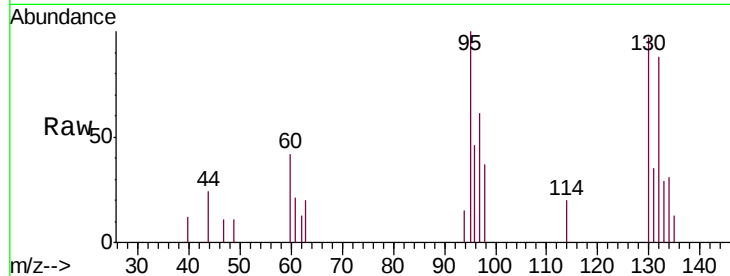




#34
 Trichloroethene
 Concen: 0.947 ug/L
 RT: 6.17 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: VU033656.D
 Acq: 08 Aug 2019 22:23

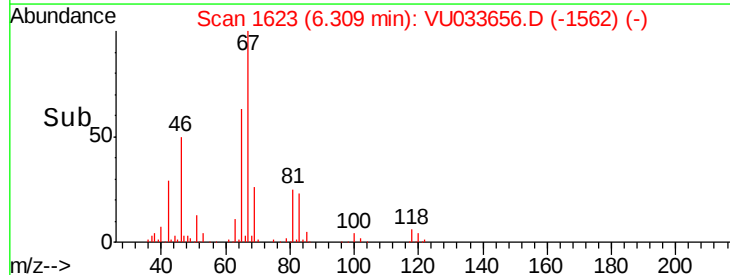
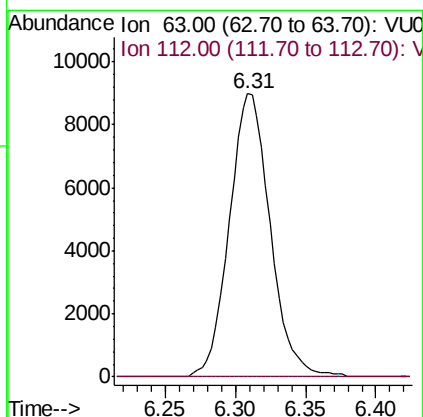
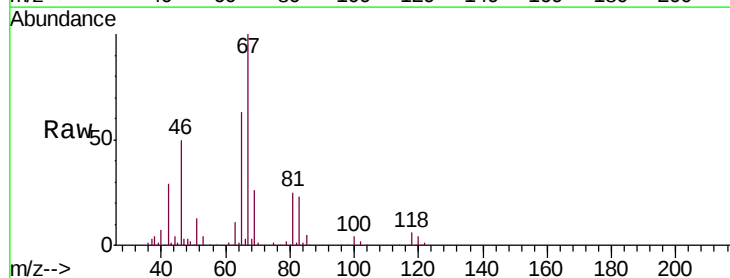
Instrument :
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 VIBLK40

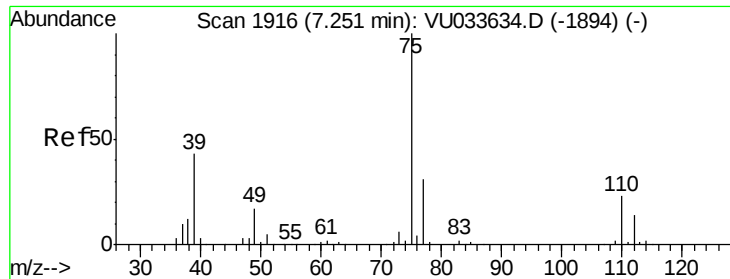
Tgt Ion: 95 Resp: 2160
 Ion Ratio Lower Upper
 95 100
 97 60.7 44.4 82.5
 132 88.4 69.1 128.3
 130 96.8 71.7 133.3



#37
 1,2-Dichloropropane
 Concen: 7.566 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033656.D
 Acq: 08 Aug 2019 22:23

Tgt Ion: 63 Resp: 18178
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#

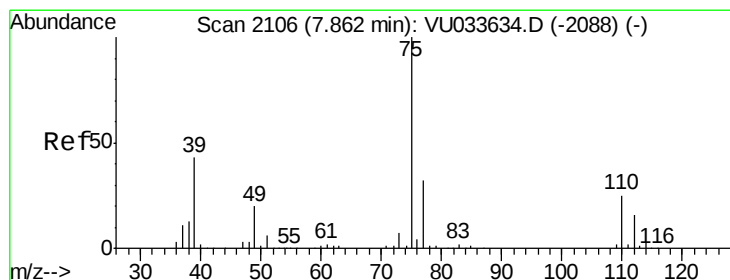
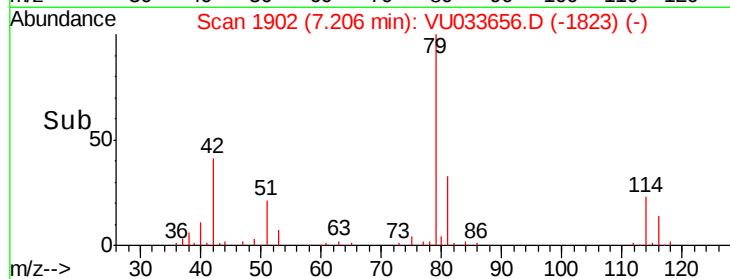
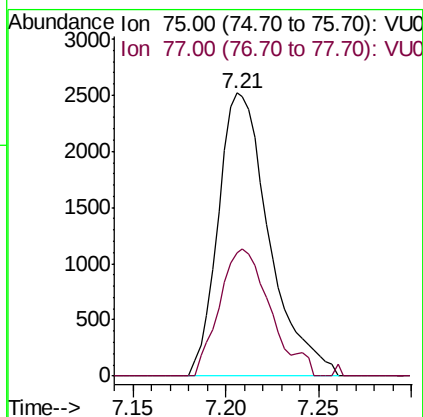
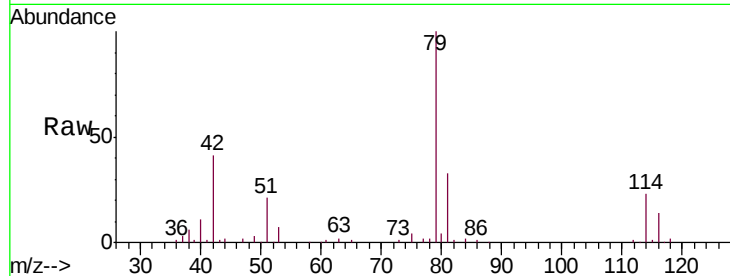




#39
 cis-1,3-Dichloropropene
 Concen: 1.343 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033656.D
 Acq: 08 Aug 2019 22:23

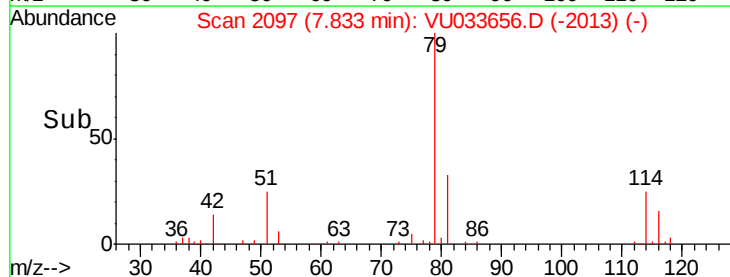
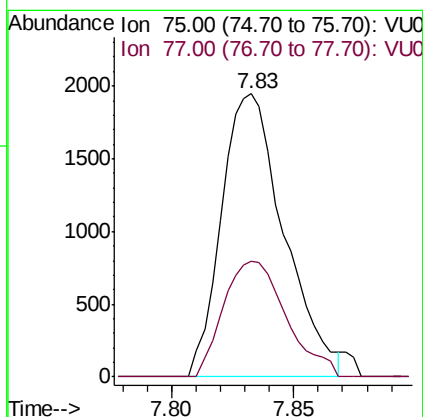
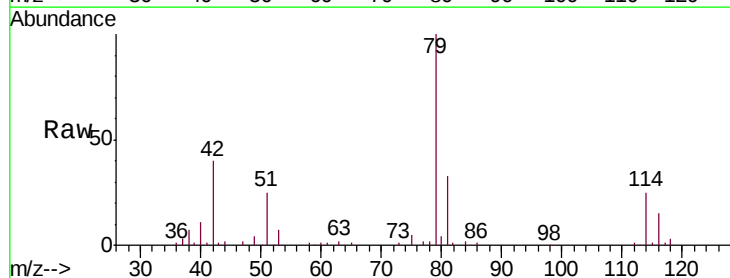
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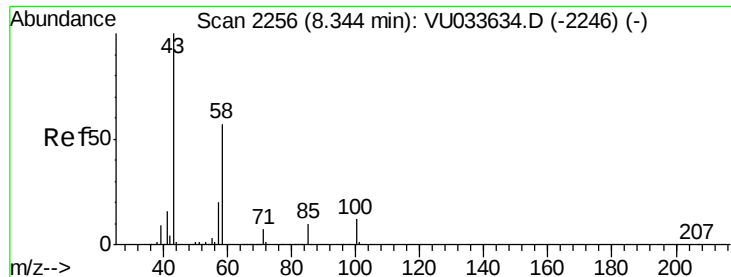
Tgt Ion: 75 Resp: 4804
 Ion Ratio Lower Upper
 75 100
 77 43.5 22.5 41.9#



#44
 trans-1,3-Dichloropropene
 Concen: 1.029 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033656.D
 Acq: 08 Aug 2019 22:23

Tgt Ion: 75 Resp: 3465
 Ion Ratio Lower Upper
 75 100
 77 41.1 22.3 41.3

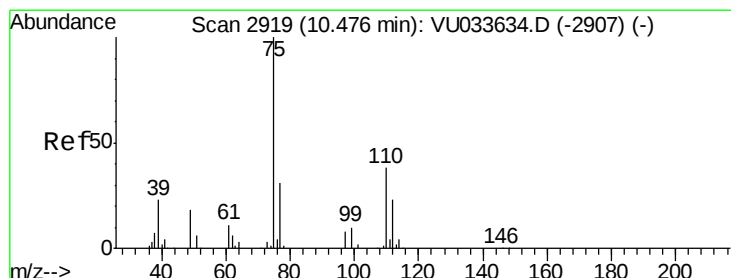
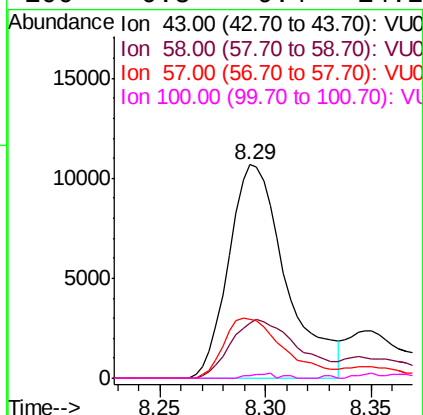
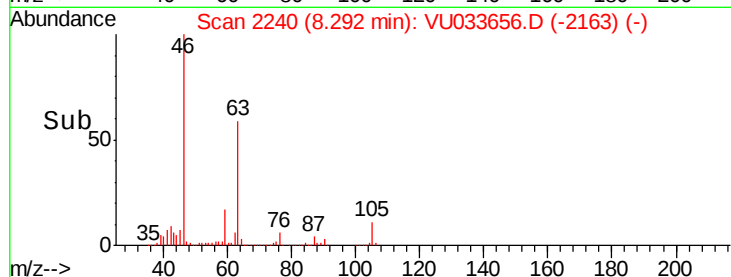
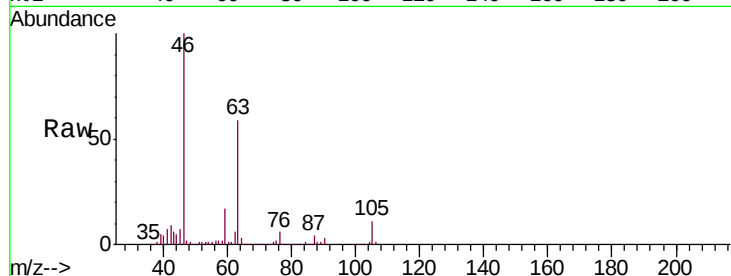




#48
 2-Hexanone
 Concen: 7.026 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033656.D
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Tgt Ion: 43 Resp: 20190
 Ion Ratio Lower Upper
 43 100
 58 32.6 44.8 67.2#
 57 29.2 15.5 23.3#
 100 0.8 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.578 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033656.D
 Acq: 08 Aug 2019 22:23

Tgt Ion: 75 Resp: 15017
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.5 38.3#

