

Data File : VU033008.D
Acq On : 24 Jun 2019 15:30
Operator : JC/SP
Sample : K3478-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF34

Quant Time: Jun 25 05:28:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 05:22:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	195648	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193510	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92735	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64094	47.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.88%
7) Chloroethane-d5	1.68	69	54205	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.66%
11) 1,1-Dichloroethene-d2	2.27	63	99949	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	4.17	46	120804	108.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.55%
24) Chloroform-d	4.64	84	131182	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
26) 1,2-Dichloroethane-d4	5.30	65	93164	53.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.62%
32) Benzene-d6	5.33	84	257573	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
36) 1,2-Dichloropropane-d6	6.32	67	83098	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.42%
41) Toluene-d8	7.56	98	234861	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%
43) trans-1,3-Dichloropropene-	7.85	79	40092	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.92%
47) 2-Hexanone-d5	8.31	63	73762	98.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.30%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	120210	48.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	91050	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%

Target Compounds

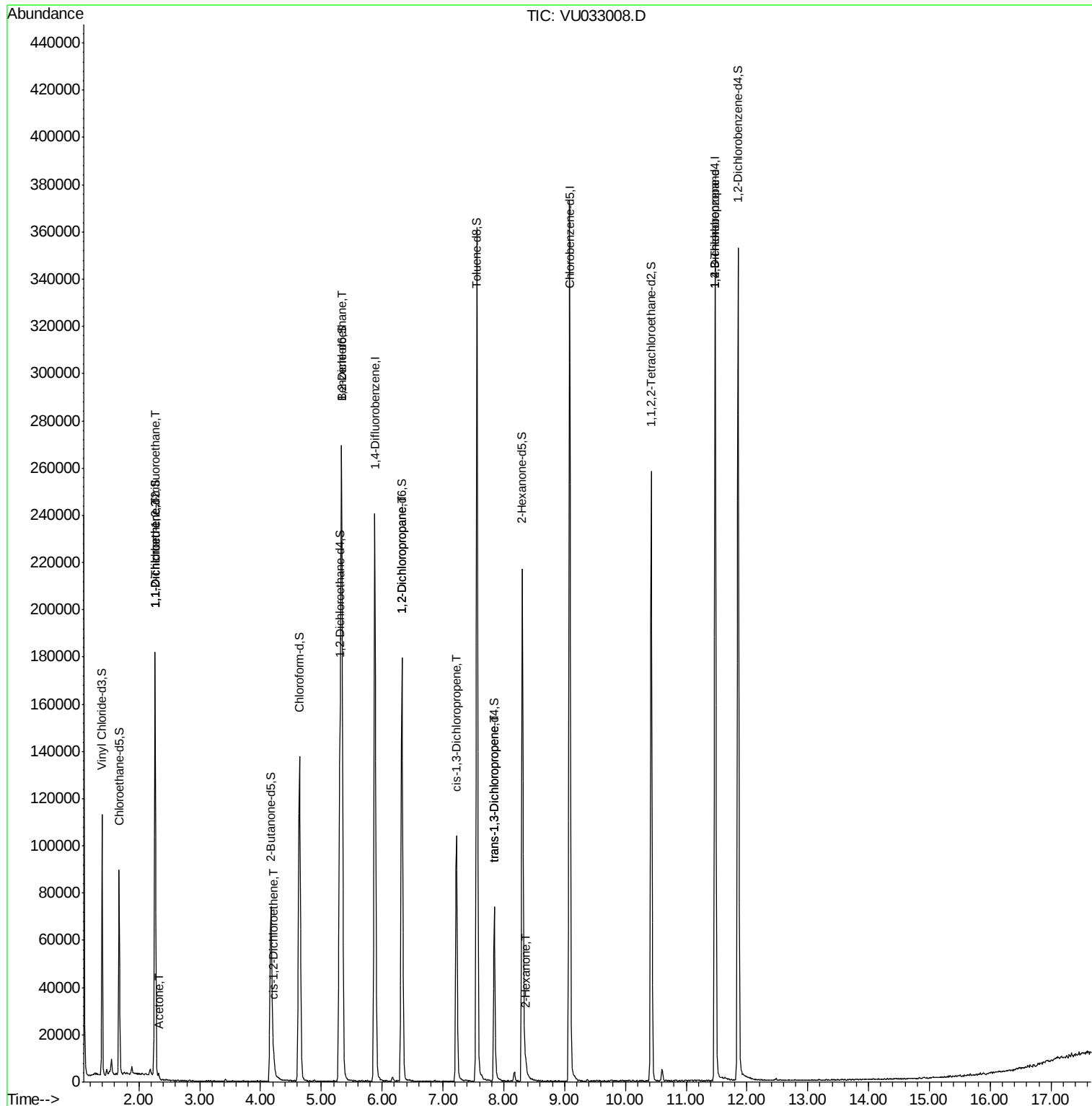
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	863	0.660 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	766	0.622 ug/L #	1
13) Acetone	2.32	43	1249	0.813 ug/L	88
20) cis-1,2-Dichloroethene	4.22	96	1177	0.809 ug/L	74
27) 1,2-Dichloroethane	5.34	62	1657	0.768 ug/L #	77
37) 1,2-Dichloropropane	6.32	63	9992	6.534 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3011	1.264 ug/L #	78
44) trans-1,3-Dichloropropene	7.85	75	2141	0.957 ug/L	100
48) 2-Hexanone	8.36	43	3654	1.696 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	11685	5.726 ug/L	89

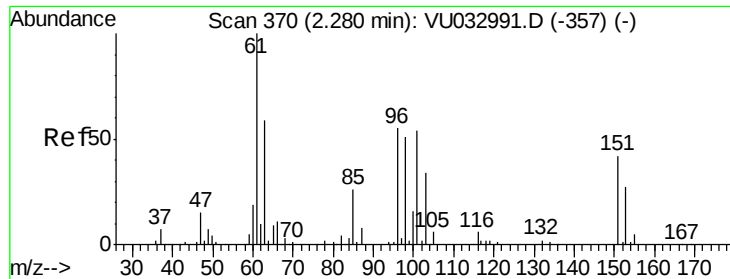
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.660 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

ETF34

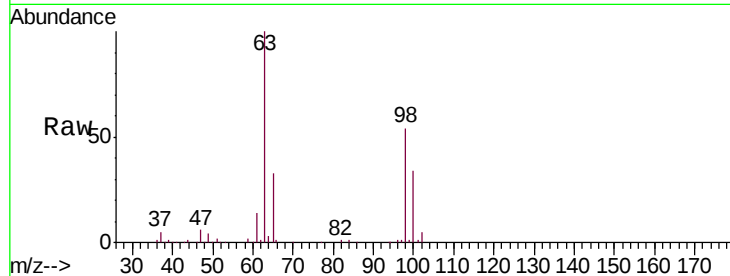
Tgt Ion: 101 Resp: 863

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

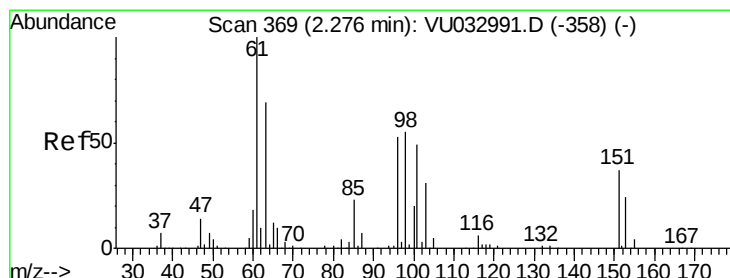
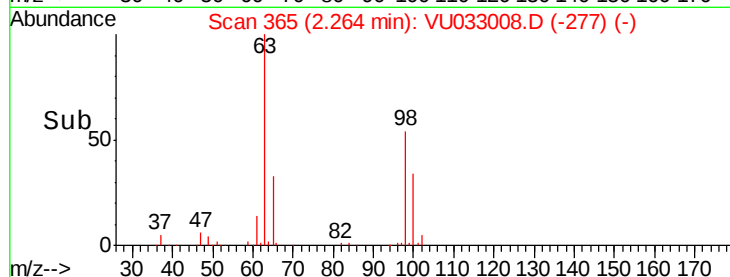
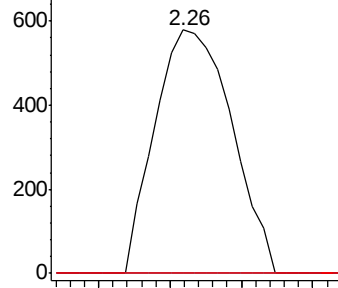
151 0.0 63.6 95.4#



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: 0.622 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU033008.D

Acq: 24 Jun 2019 15:30

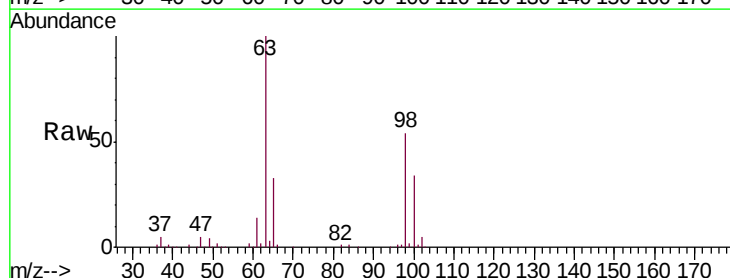
Tgt Ion: 96 Resp: 766

Ion Ratio Lower Upper

96 100

61 1657.4 131.0 243.4#

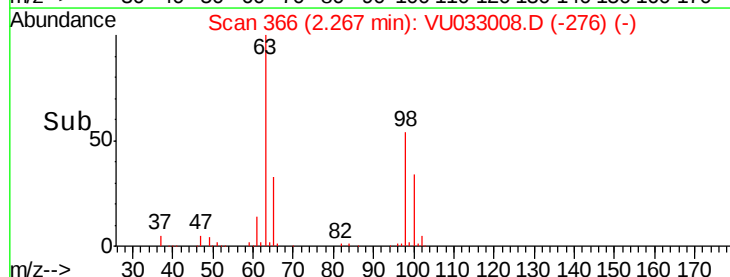
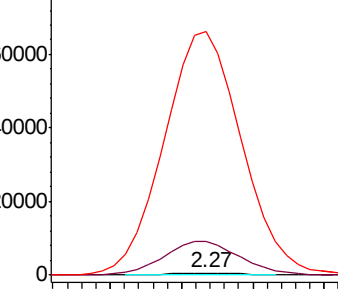
63 12105.3 101.0 187.6#

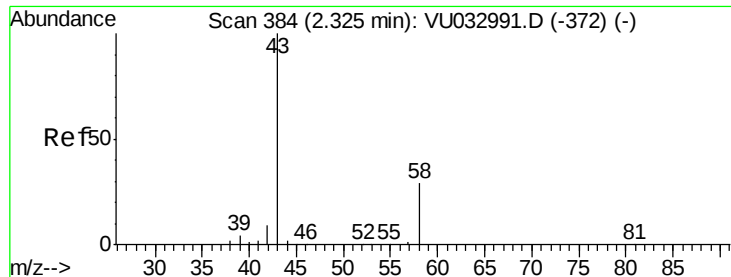


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.813 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU033008.D

Acq: 24 Jun 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

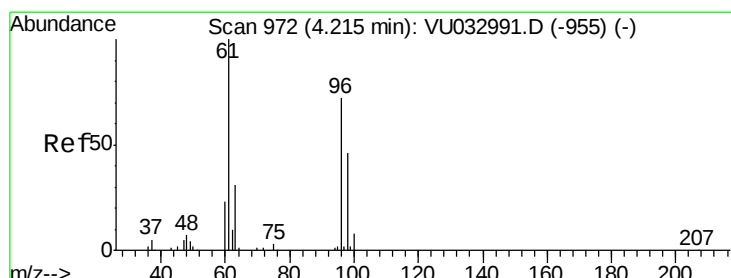
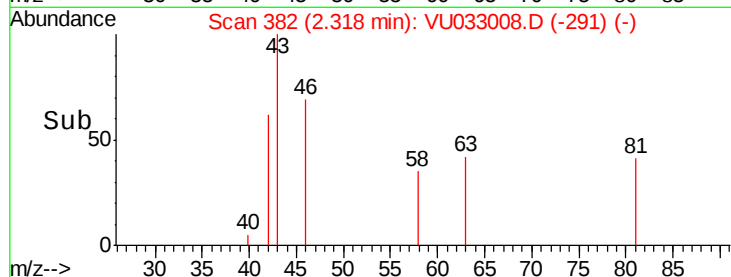
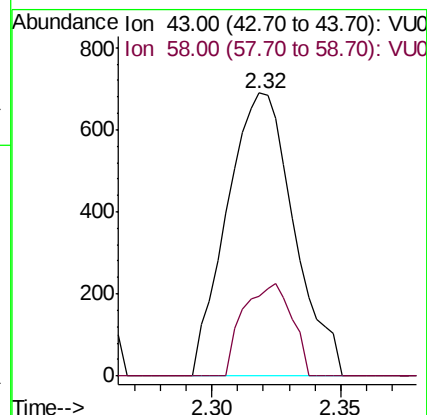
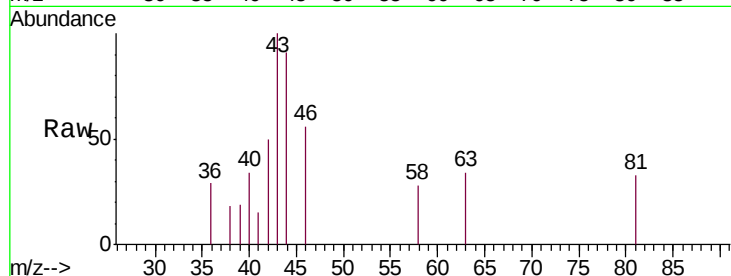
ETF34

Tgt Ion: 43 Resp: 1249

Ion Ratio Lower Upper

43 100

58 23.7 0.0 60.6



#20

cis-1,2-Dichloroethene

Concen: 0.809 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU033008.D

Acq: 24 Jun 2019 15:30

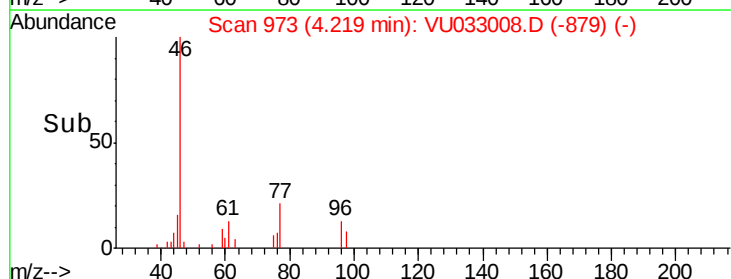
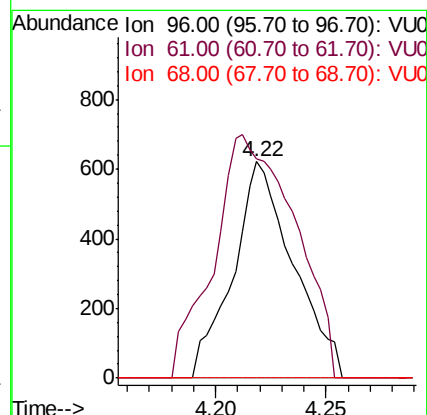
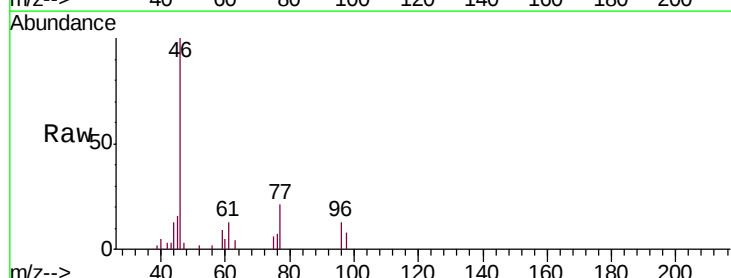
Tgt Ion: 96 Resp: 1177

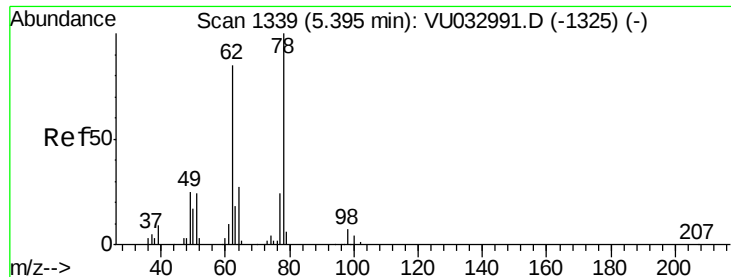
Ion Ratio Lower Upper

96 100

61 101.3 92.4 171.6

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.768 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU033008.D

Acq: 24 Jun 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

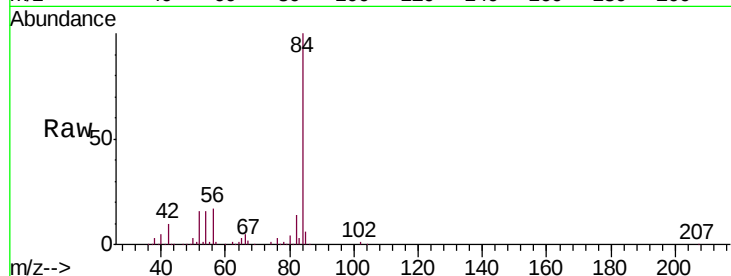
ETF34

Tgt Ion: 62 Resp: 1657

Ion Ratio Lower Upper

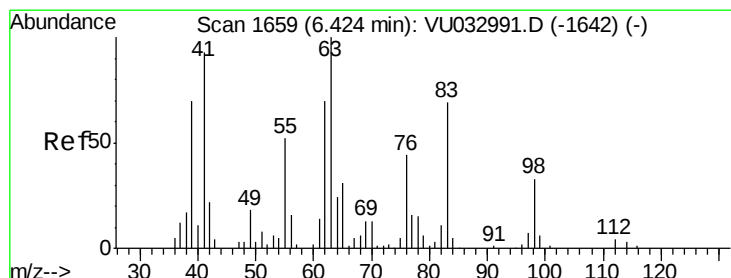
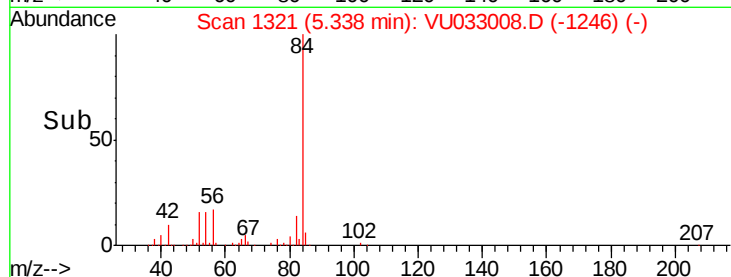
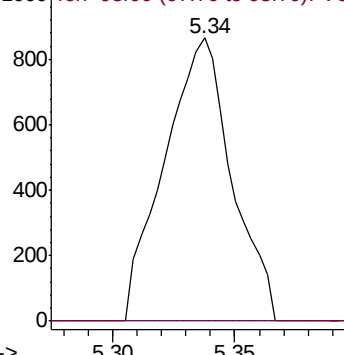
62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#37

1,2-Dichloropropane

Concen: 6.534 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU033008.D

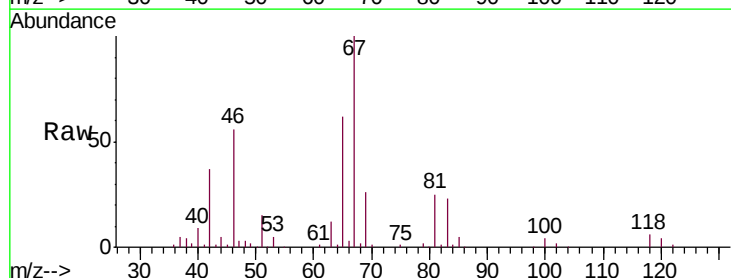
Acq: 24 Jun 2019 15:30

Tgt Ion: 63 Resp: 9992

Ion Ratio Lower Upper

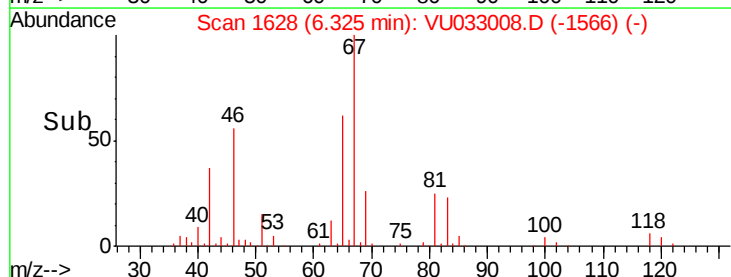
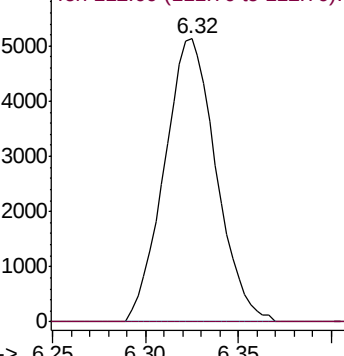
63 100

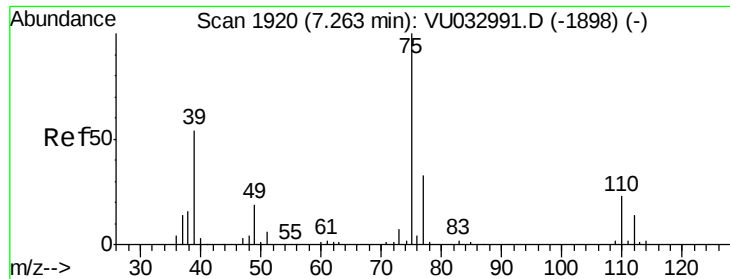
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

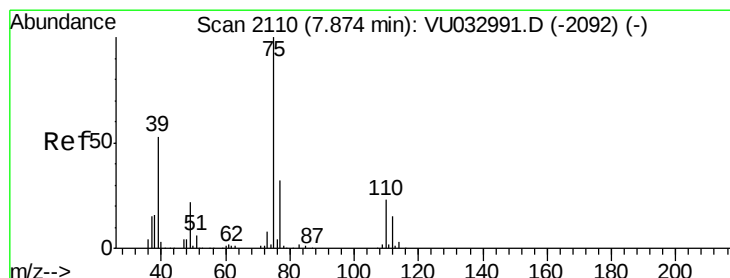
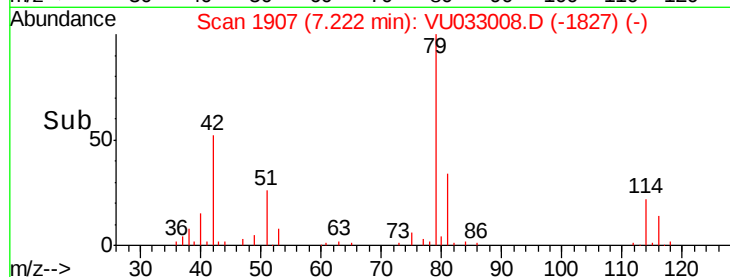
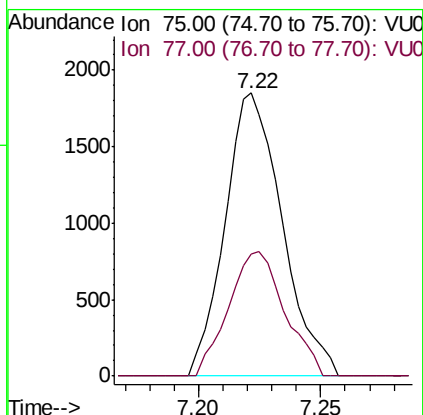
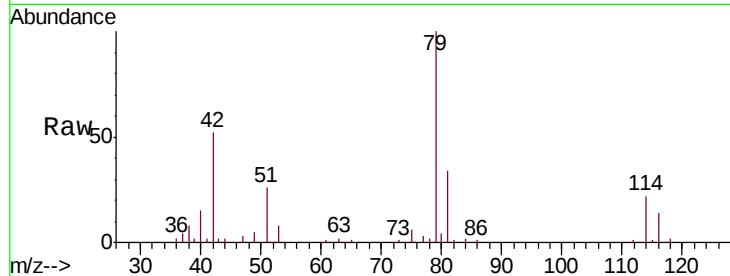




#39
 cis-1,3-Dichloropropene
 Concen: 1.264 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU033008.D
 Acq: 24 Jun 2019 15:30

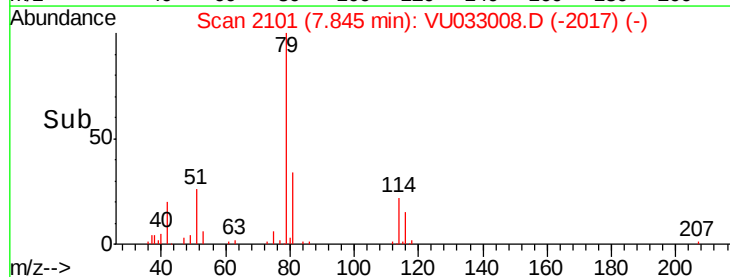
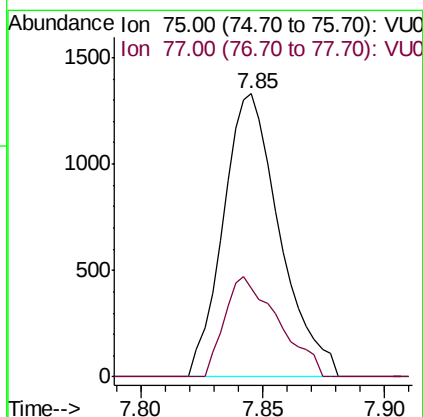
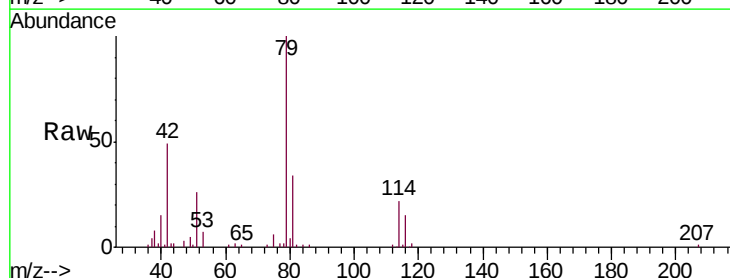
Instrument :
 MSVOA_U
 ClientSampled :
 ETF34

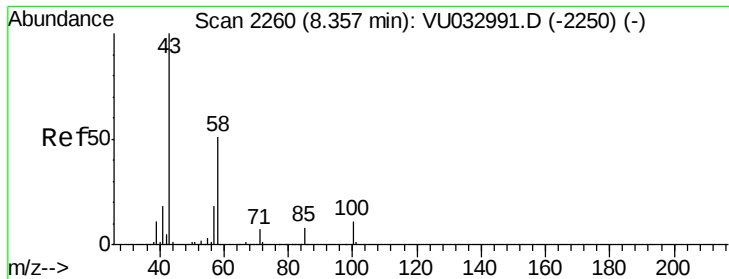
Tgt Ion: 75 Resp: 3011
 Ion Ratio Lower Upper
 75 100
 77 43.3 21.9 40.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.957 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU033008.D
 Acq: 24 Jun 2019 15:30

Tgt Ion: 75 Resp: 2141
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.8 40.4

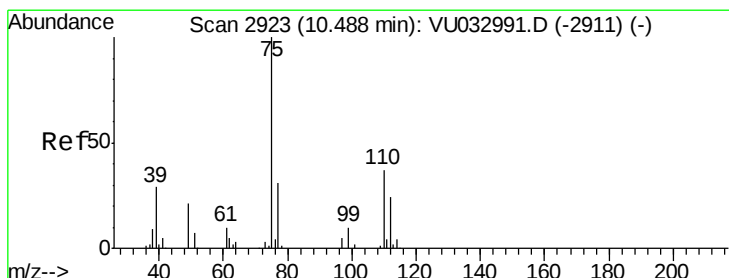
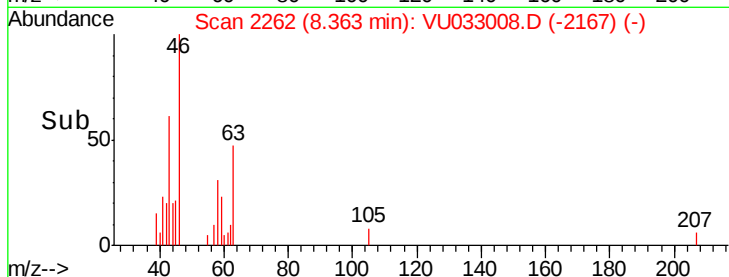
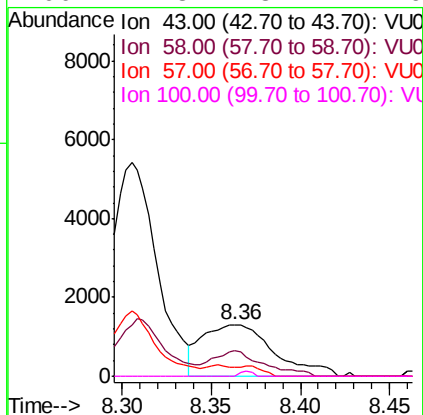
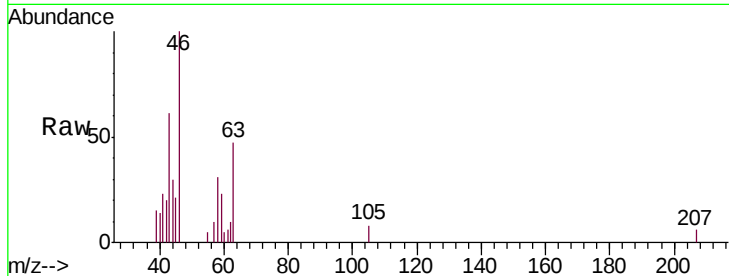




#48
 2-Hexanone
 Concen: 1.696 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU033008.D
 Acq: 24 Jun 2019 15:30

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF34

Tgt Ion: 43 Resp: 3654
 Ion Ratio Lower Upper
 43 100
 58 36.4 40.2 60.2#
 57 1.9 14.2 21.4#
 100 1.8 8.4 12.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.726 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU033008.D
 Acq: 24 Jun 2019 15:30

Tgt Ion: 75 Resp: 11685
 Ion Ratio Lower Upper
 75 100
 77 38.1 25.5 38.3

