

Data File : VU029572.D
Acq On : 20 Feb 2019 11:47
Operator : JC/SP
Sample : VU0220WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK57

Quant Time: Feb 21 04:25:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 04:23:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	227554	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	219634	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116109	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68406	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.68	69	63369	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.27	63	111993	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.19	46	140685	44.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.52%
24) Chloroform-d	4.64	84	104385	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	62205	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.34	84	246804	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.33	67	73054	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.56	98	236369	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.85	79	26935	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.31	63	143755	44.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60774	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	101897	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

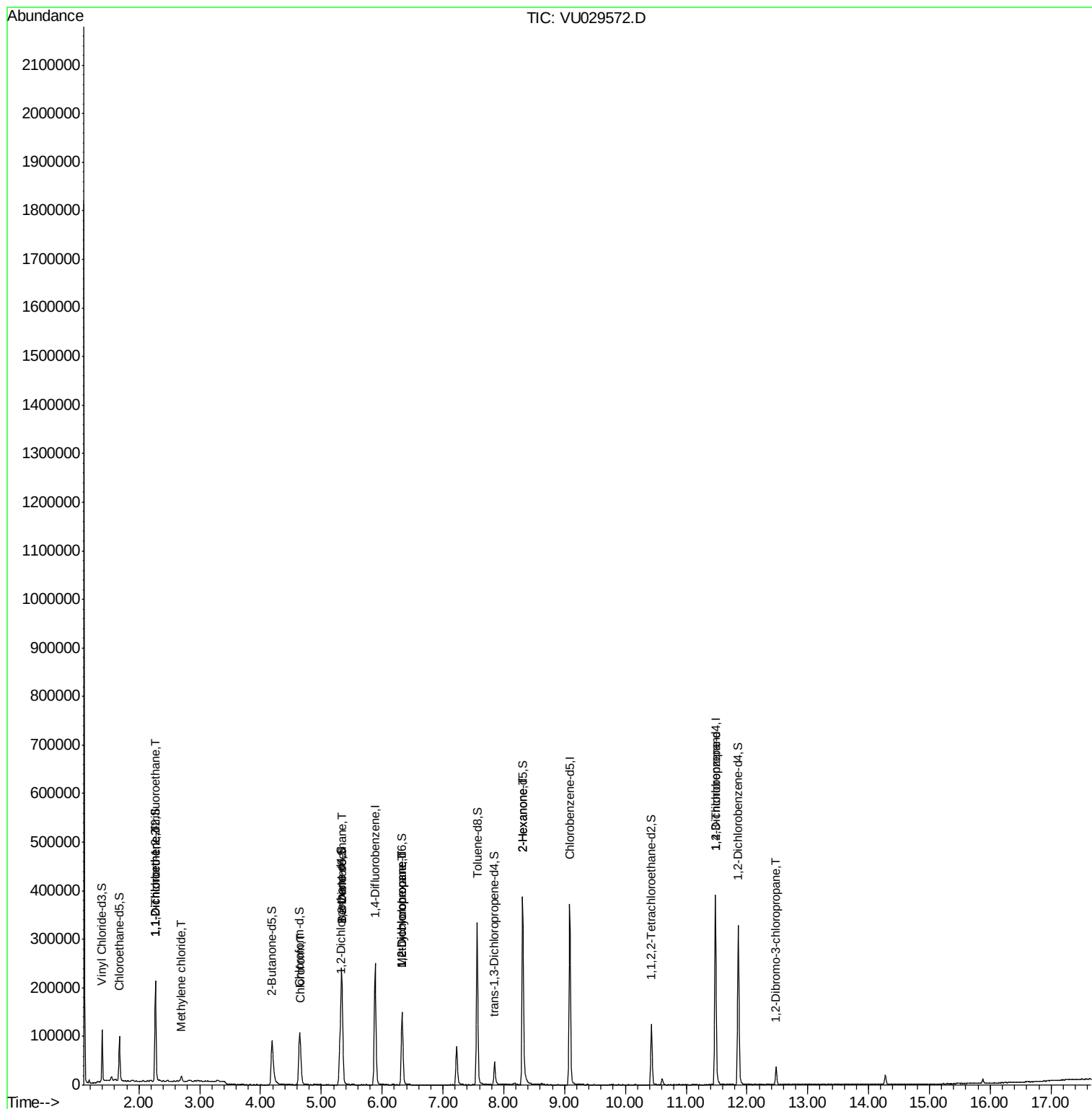
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	964	0.049	ug/L #	16
12) 1,1-Dichloroethene	2.27	96	1205	0.064	ug/L #	1
16) Methylene chloride	2.70	84	4851	0.230	ug/L	88
25) Chloroform	4.67	83	10846	0.360	ug/L	99
27) 1,2-Dichloroethane	5.33	62	1299	0.075	ug/L #	72
35) Methylcyclohexane	6.33	83	18204	0.595	ug/L #	21
37) 1,2-Dichloropropane	6.32	63	7621	0.471	ug/L #	87
48) 2-Hexanone	8.31	43	15429	2.268	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	11777	1.134	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	1063	0.438	ug/L #	1

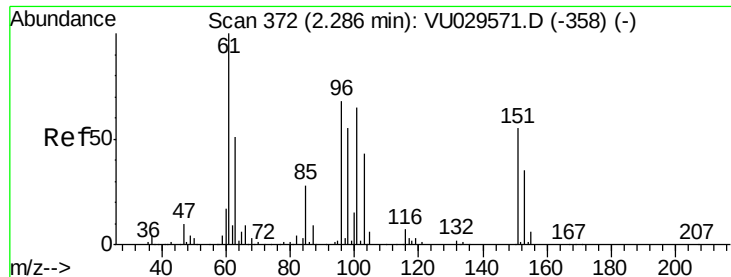
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.049 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

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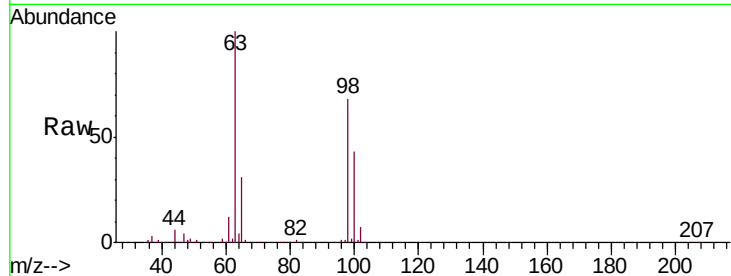
Tgt Ion: 101 Resp: 964

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

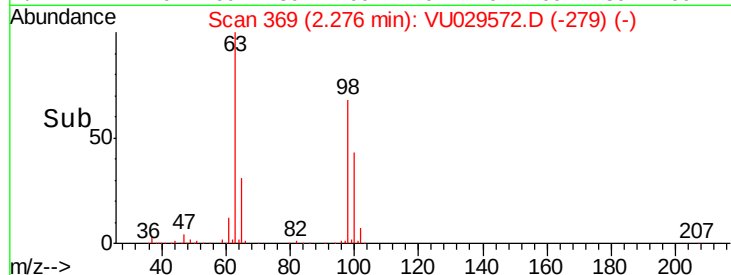
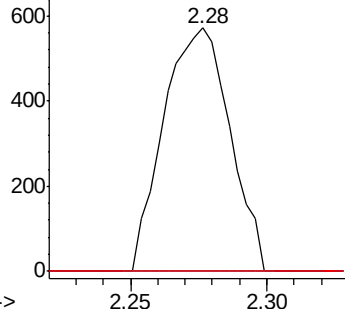
151 0.0 67.0 100.6#



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: 0.064 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029572.D

Acq: 20 Feb 2019 11:47

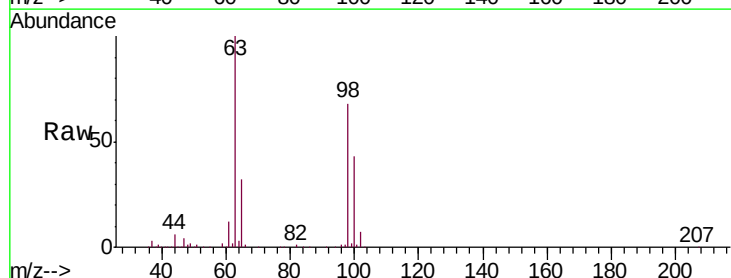
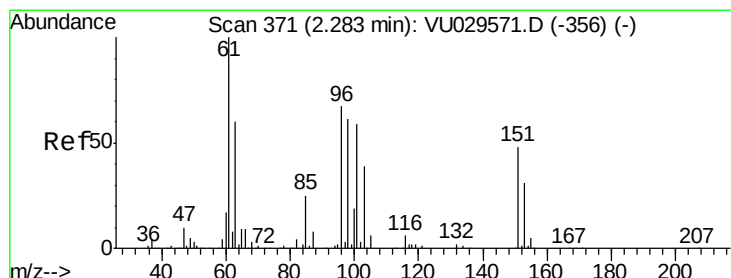
Tgt Ion: 96 Resp: 1205

Ion Ratio Lower Upper

96 100

61 1299.3 115.1 213.7#

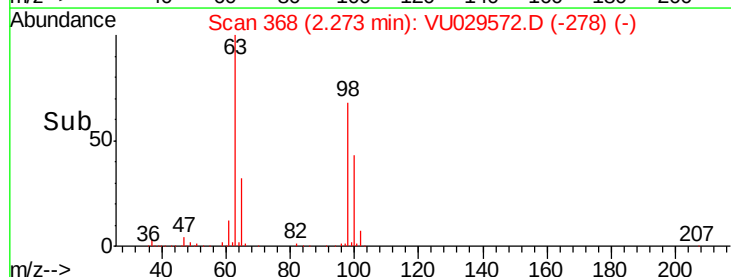
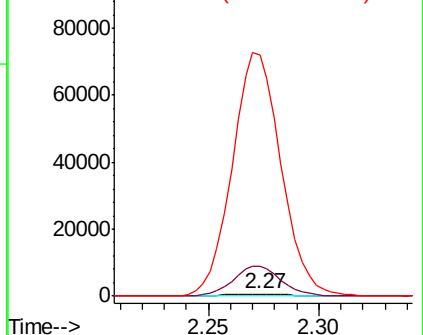
63 10547.6 83.5 155.1#

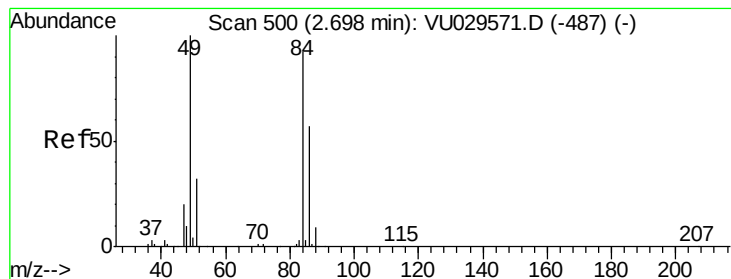


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#16

Methylene chloride

Concen: 0.230 ug/L

RT: 2.70 min Scan# 500

Delta R.T. -0.00 min

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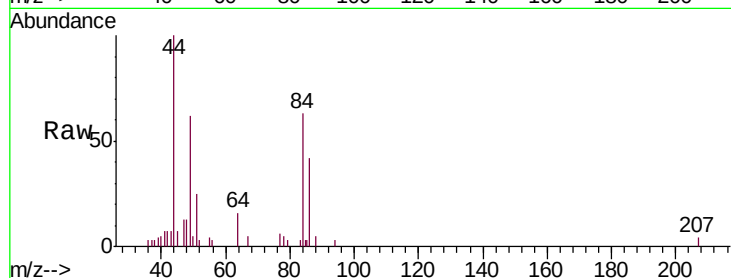
Tgt Ion: 84 Resp: 4851

Ion Ratio Lower Upper

84 100

86 65.6 45.1 83.9

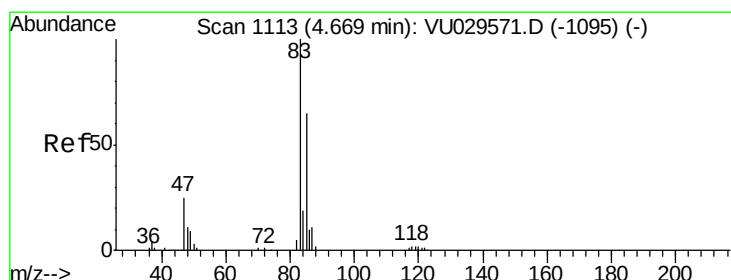
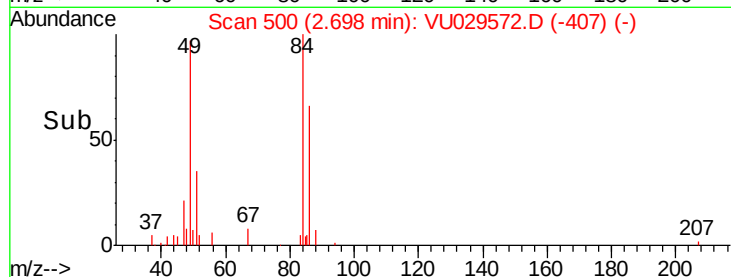
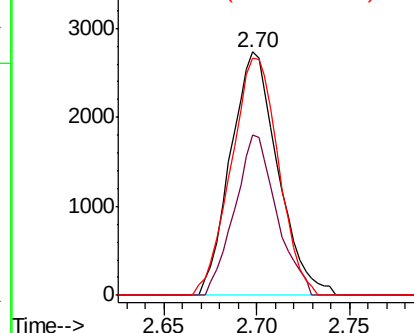
49 97.3 81.8 151.8



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#25

Chloroform

Concen: 0.360 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029572.D

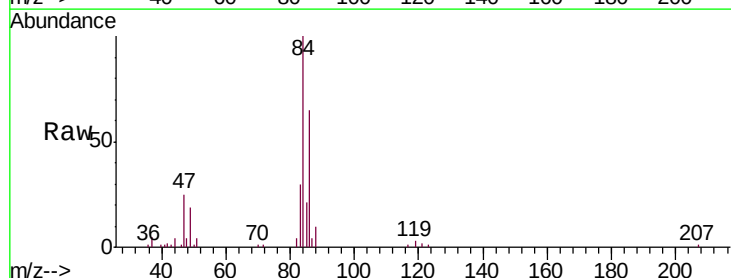
Acq: 20 Feb 2019 11:47

Tgt Ion: 83 Resp: 10846

Ion Ratio Lower Upper

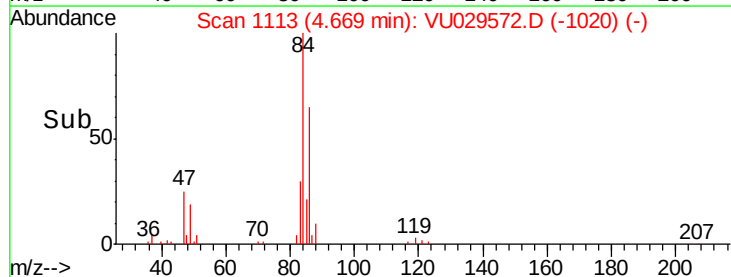
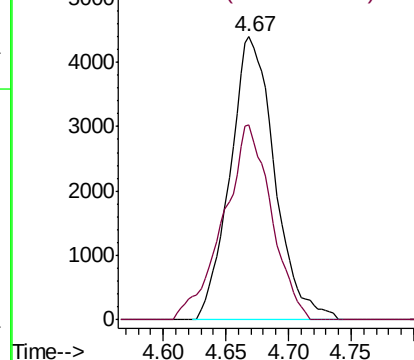
83 100

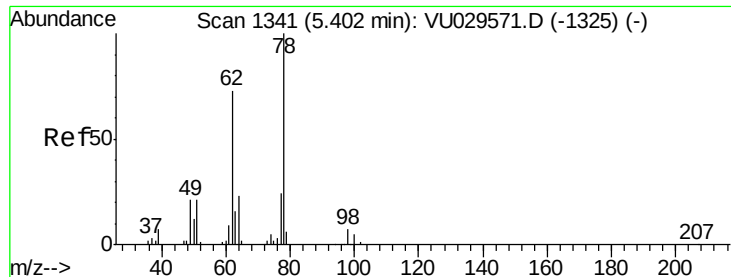
85 68.9 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

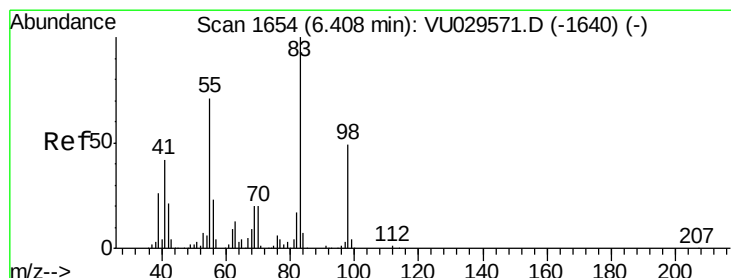
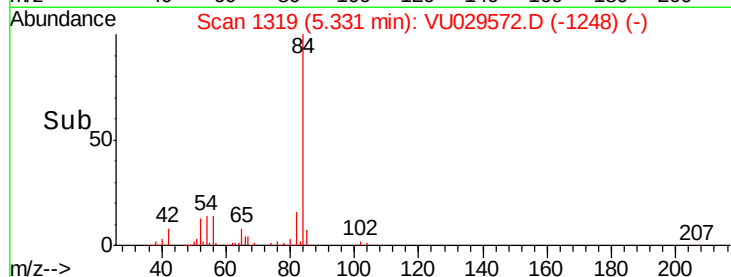
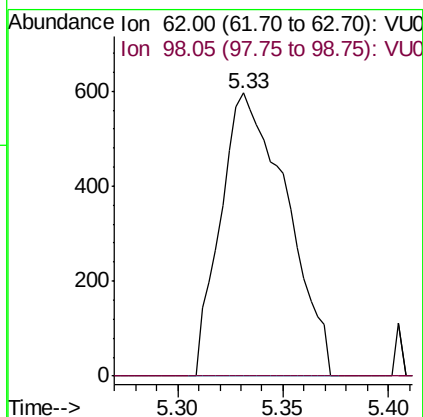
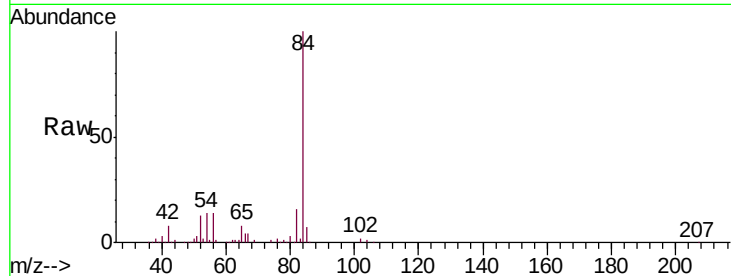




#27
 1,2-Dichloroethane
 Concen: 0.075 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.07 min
 Lab File: VU029572.D
 Acq: 20 Feb 2019 11:47

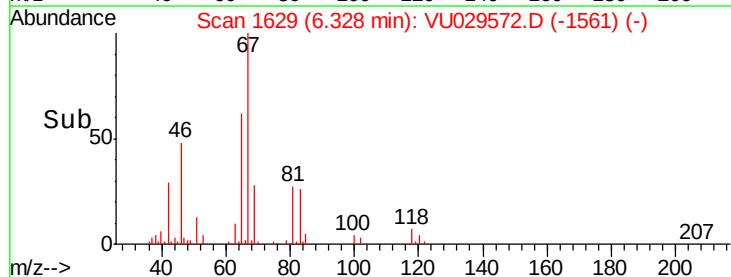
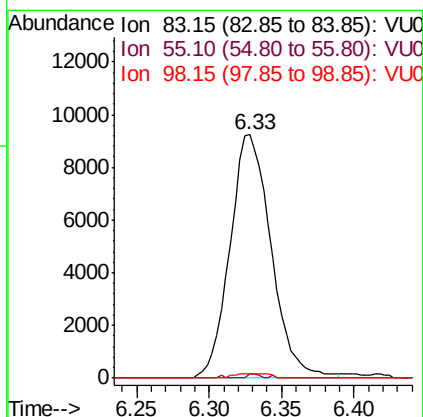
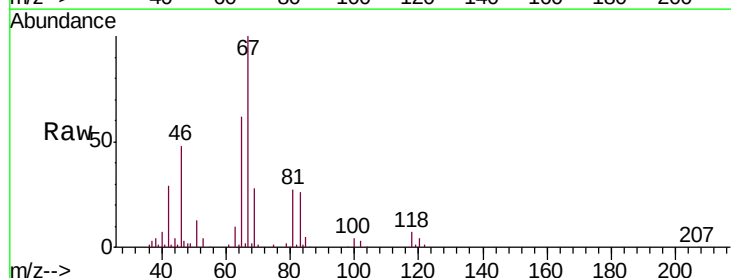
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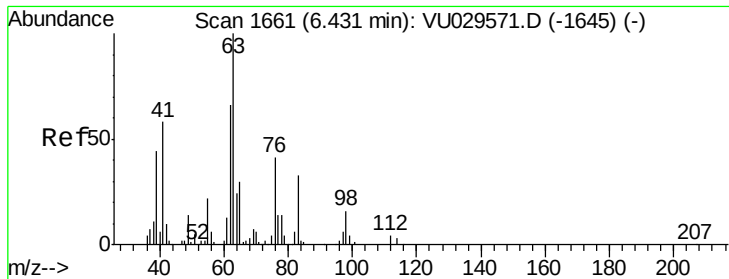
Tgt Ion: 62 Resp: 1299
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.4 12.6#



#35
 Methylcyclohexane
 Concen: 0.595 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU029572.D
 Acq: 20 Feb 2019 11:47

Tgt Ion: 83 Resp: 18204
 Ion Ratio Lower Upper
 83 100
 55 0.4 55.9 83.9#
 98 0.0 38.6 57.8#

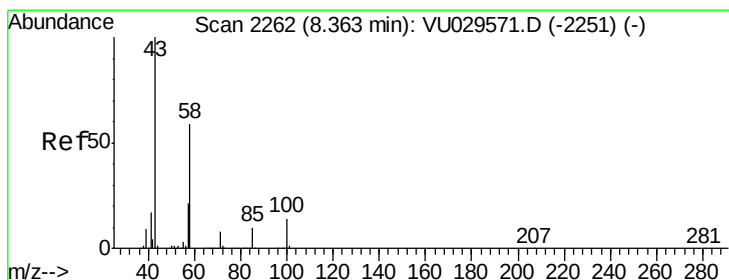
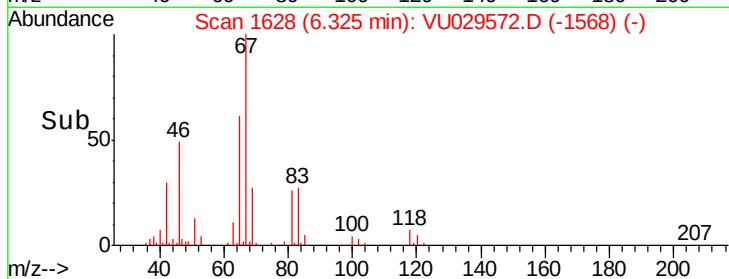
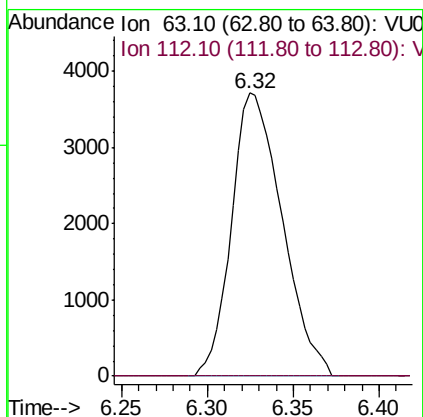
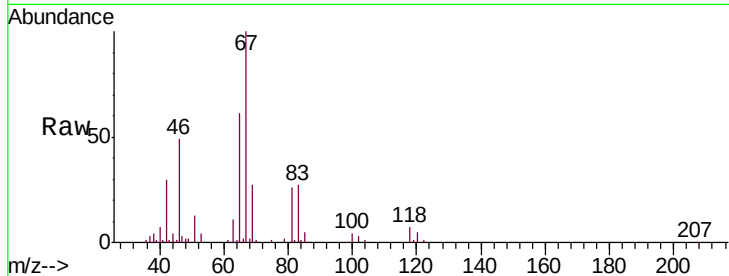




#37
 1,2-Dichloropropane
 Concen: 0.471 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU029572.D
 Acq: 20 Feb 2019 11:47

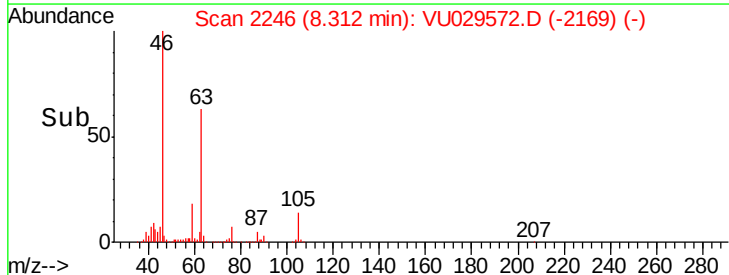
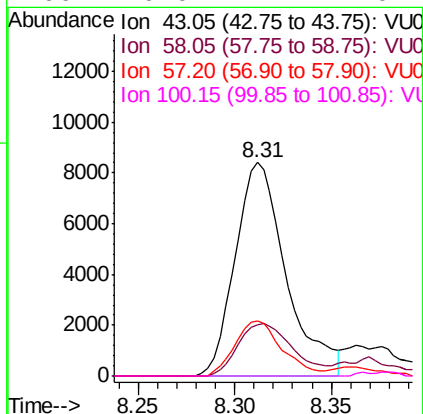
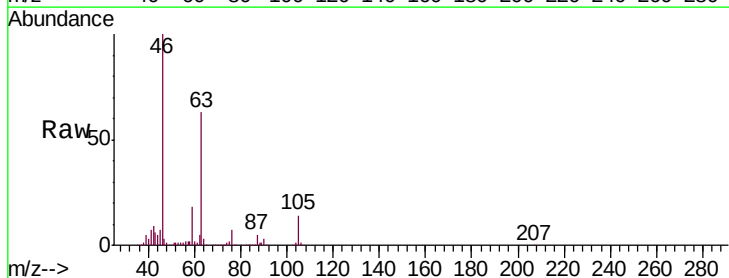
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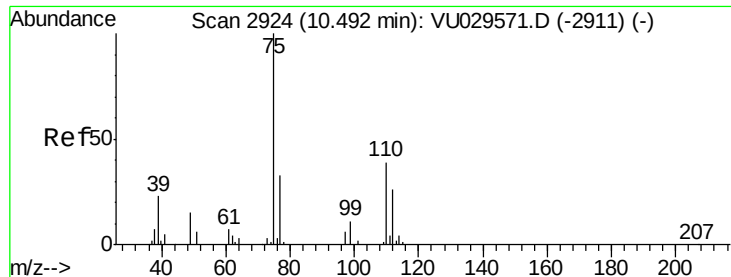
Tgt Ion: 63 Resp: 7621
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#48
 2-Hexanone
 Concen: 2.268 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU029572.D
 Acq: 20 Feb 2019 11:47

Tgt Ion: 43 Resp: 15429
 Ion Ratio Lower Upper
 43 100
 58 26.7 45.7 68.5#
 57 23.8 16.4 24.6
 100 0.0 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 1.134 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029572.D

Acq: 20 Feb 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

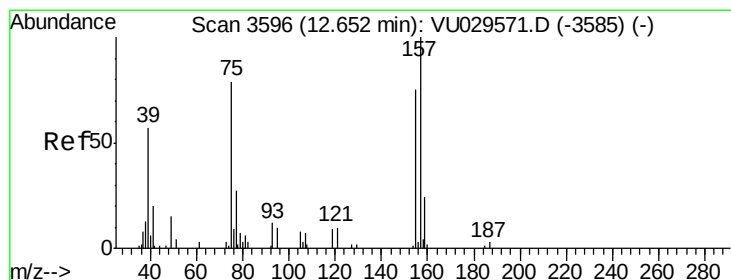
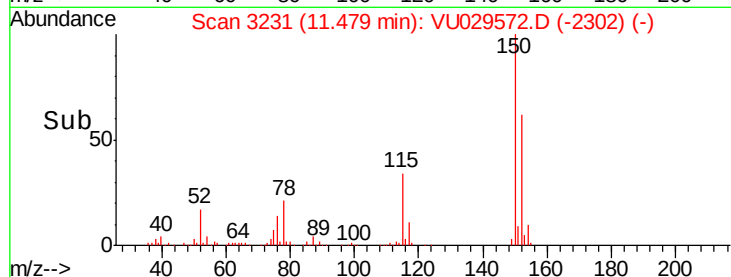
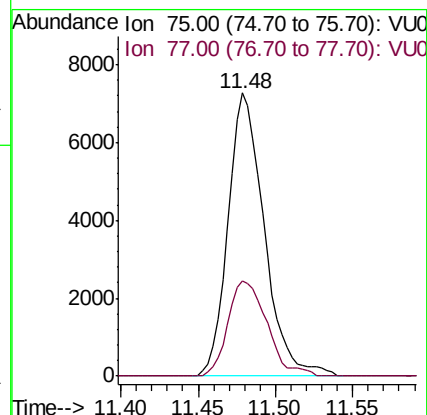
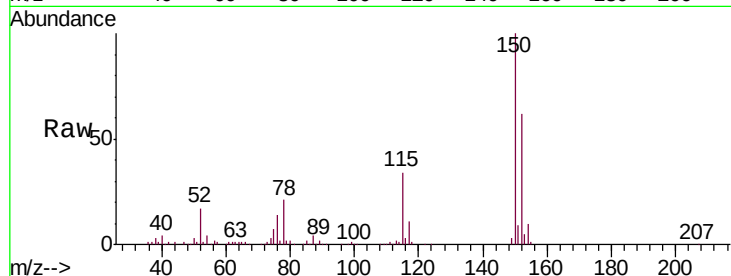
VBLK57

Tgt Ion: 75 Resp: 11777

Ion Ratio Lower Upper

75 100

77 36.4 28.2 42.2



#66

1,2-Dibromo-3-chloropropane

Concen: 0.438 ug/L

RT: 12.48 min Scan# 3542

Delta R.T. -0.17 min

Lab File: VU029572.D

Acq: 20 Feb 2019 11:47

Tgt Ion: 75 Resp: 1063

Ion Ratio Lower Upper

75 100

155 0.0 75.3 112.9#

157 0.0 103.0 154.4#

