

Data File : VU029519.D
Acq On : 18 Feb 2019 10:18
Operator : JC/SP
Sample : VU0218WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Quant Time: Feb 19 00:21:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	219186	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	207127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109347	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68445	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	64214	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.27	63	109200	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.21	46	157536	51.45	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.90%
24) Chloroform-d	4.65	84	115328	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.31	65	62655	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.33	84	246302	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.33	67	74909	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.56	98	246407	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.85	79	33020	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.31	63	160585	53.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63868	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	101955	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

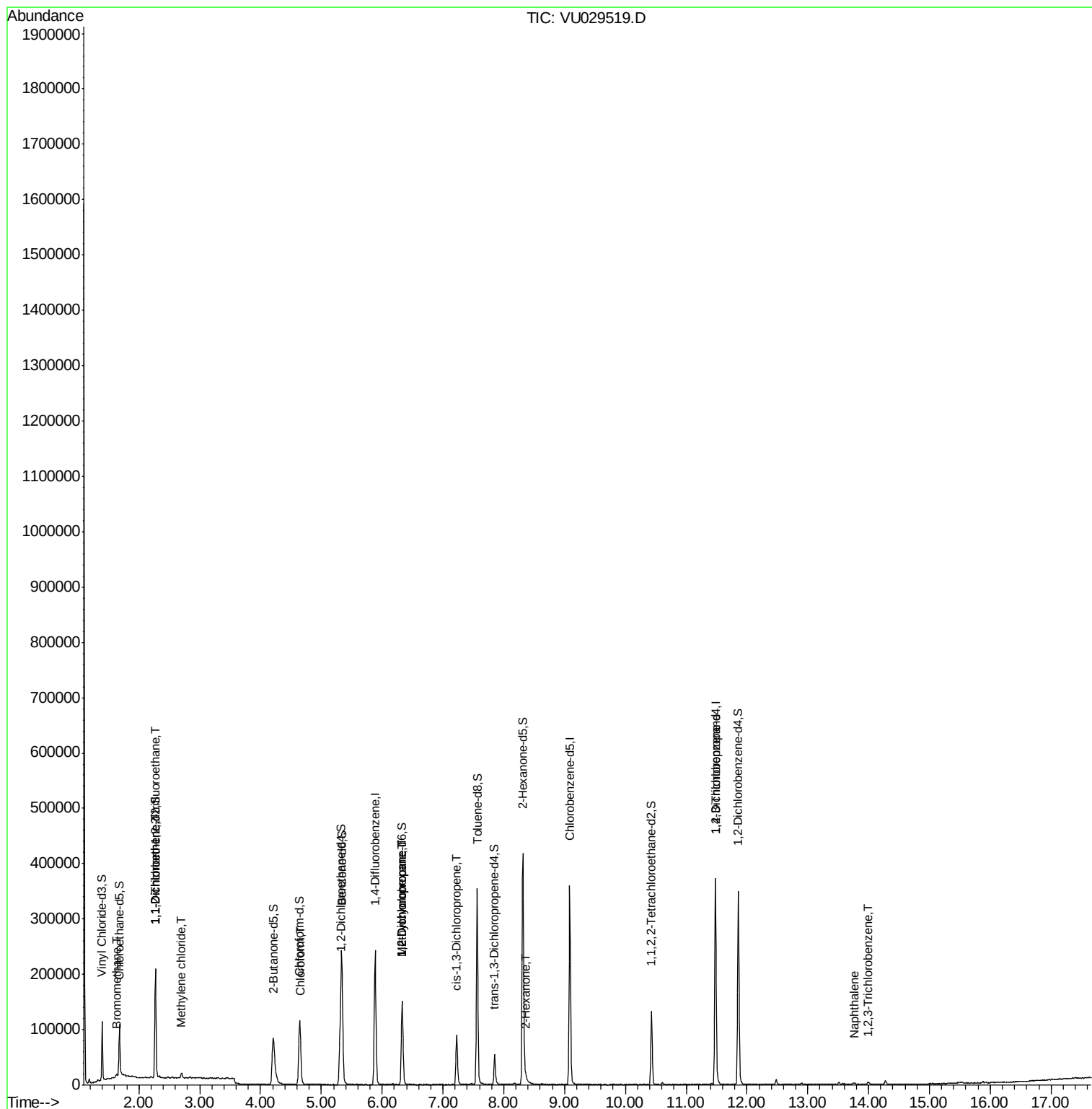
						Qvalue
6) Bromomethane	1.63	94	2490	0.202	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1184	0.062	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1328	0.074	ug/L #	1
16) Methylene chloride	2.70	84	4587	0.226	ug/L	84
25) Chloroform	4.67	83	3374	0.116	ug/L	94
35) Methylcyclohexane	6.33	83	17527	0.608	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	8344	0.546	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2154	0.090	ug/L #	38
48) 2-Hexanone	8.37	43	5081	0.792	ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	11390	1.163	ug/L	98
69) Naphthalene	13.76	128	5313	0.114	ug/L #	86
70) 1,2,3-Trichlorobenzene	14.00	180	2480	0.096	ug/L #	91

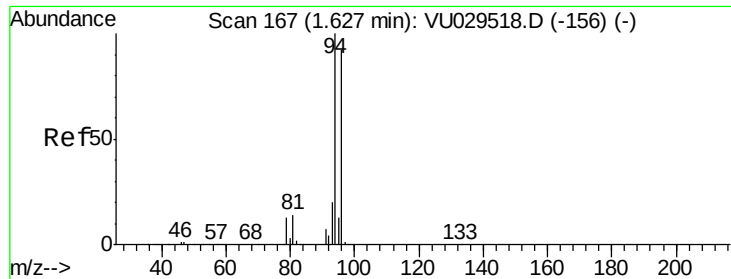
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.202 ug/L

RT: 1.63 min Scan# 168

Delta R.T. 0.00 min

Lab File: VU029519.D

Acq: 18 Feb 2019 10:18

Instrument :

MSVOA_U

ClientSampled :

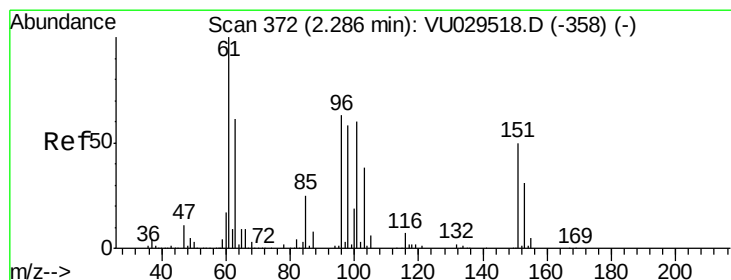
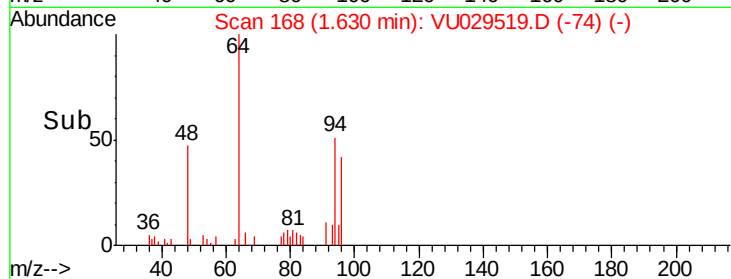
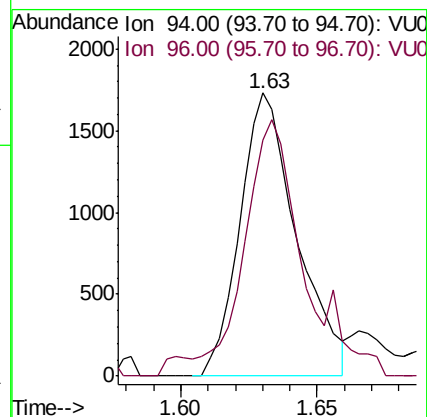
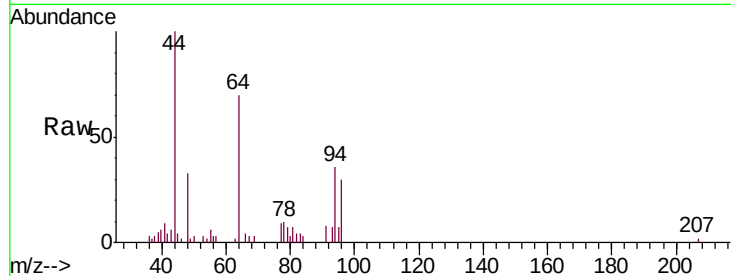
VBLK55

Tgt Ion: 94 Resp: 2490

Ion Ratio Lower Upper

94 100

96 83.2 65.2 121.0



#10

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

Concen: 0.062 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029519.D

Acq: 18 Feb 2019 10:18

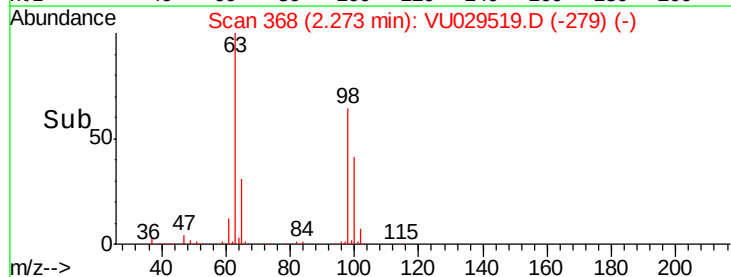
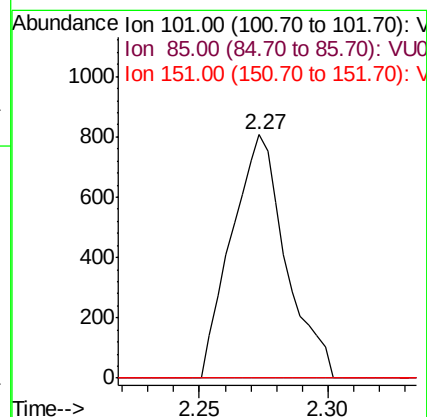
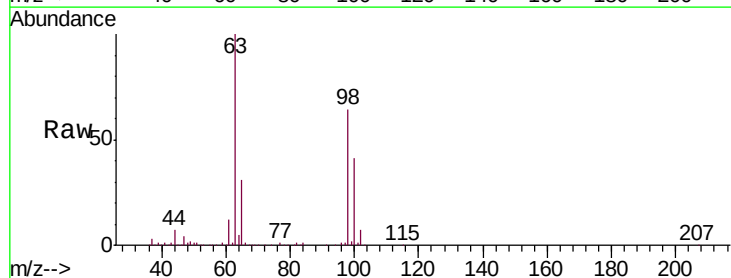
Tgt Ion: 101 Resp: 1184

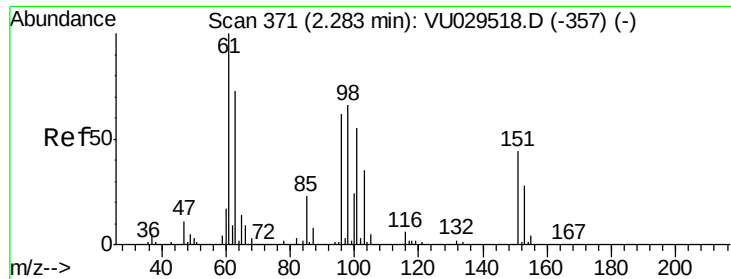
Ion Ratio Lower Upper

101 100

85 6.2 35.1 52.7#

151 0.0 67.0 100.6#

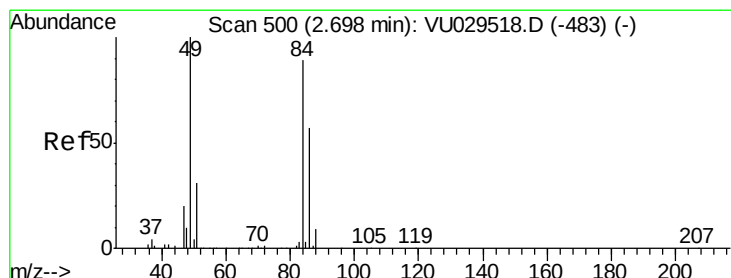
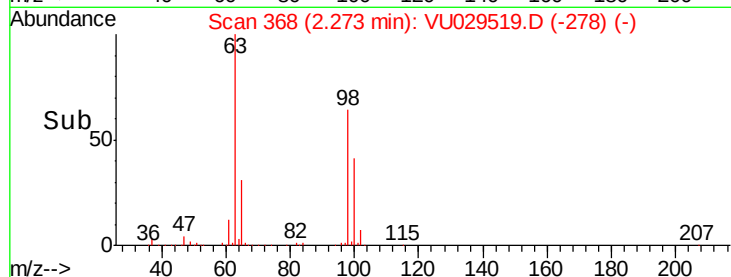
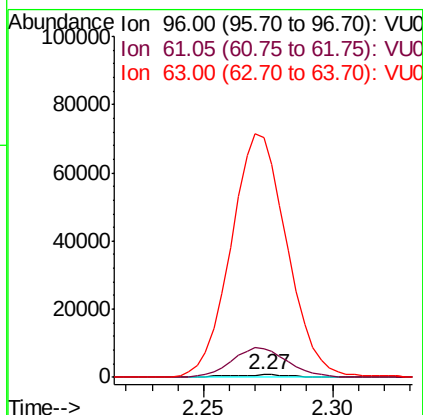
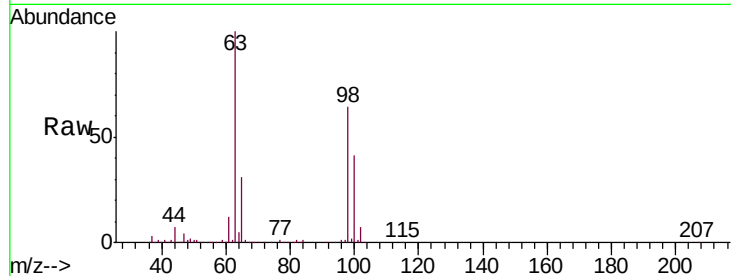




#12
 1,1-Dichloroethene
 Concen: 0.074 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU029519.D
 Acq: 18 Feb 2019 10:18

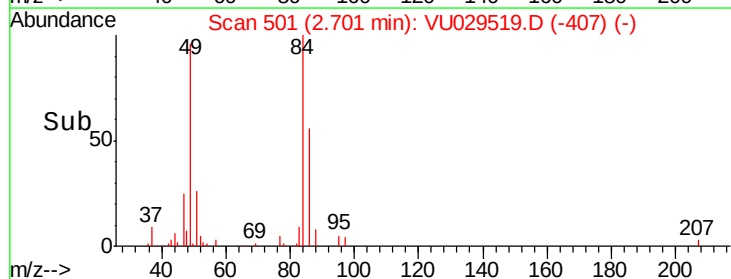
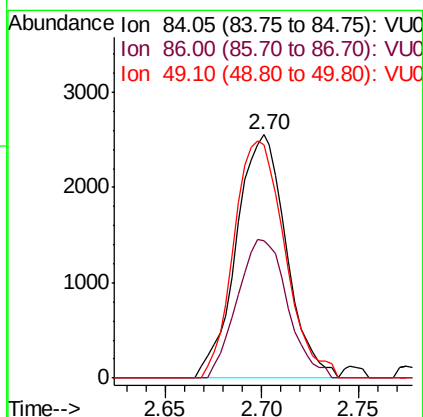
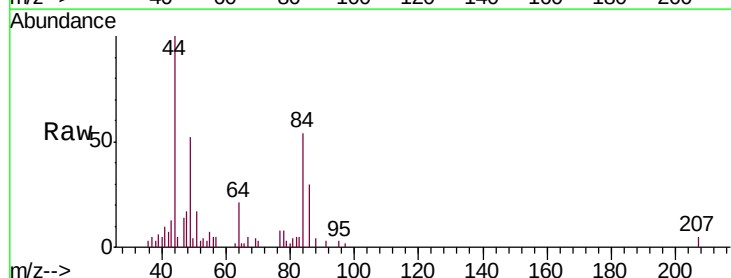
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK55

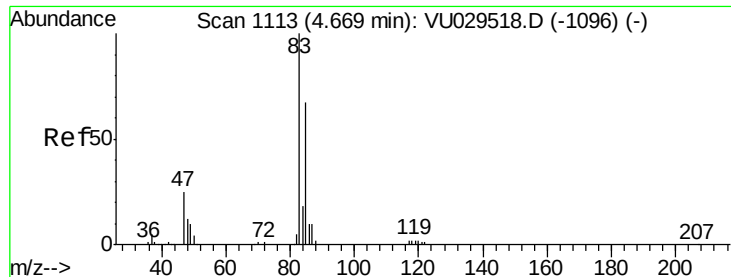
Tgt Ion: 96 Resp: 1328
 Ion Ratio Lower Upper
 96 100
 61 1173.6 115.1 213.7#
 63 9653.7 83.5 155.1#



#16
 Methylene chloride
 Concen: 0.226 ug/L
 RT: 2.70 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VU029519.D
 Acq: 18 Feb 2019 10:18

Tgt Ion: 84 Resp: 4587
 Ion Ratio Lower Upper
 84 100
 86 56.3 45.1 83.9
 49 95.7 81.8 151.8

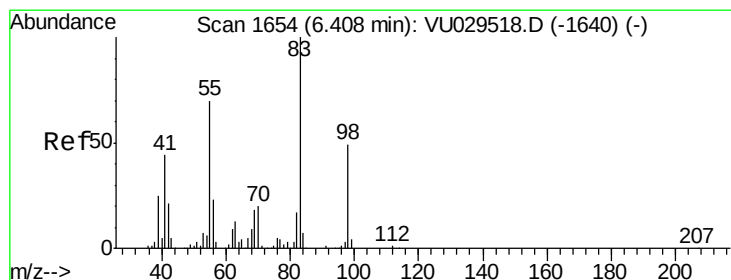
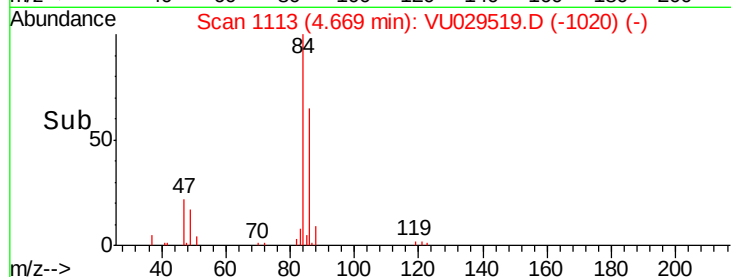
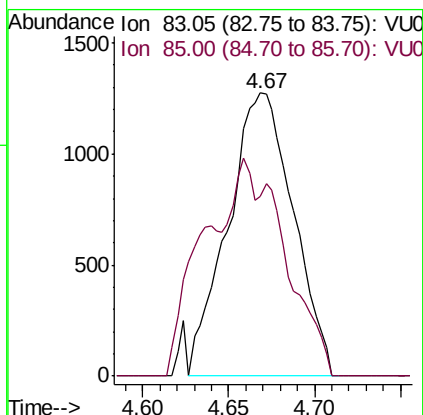
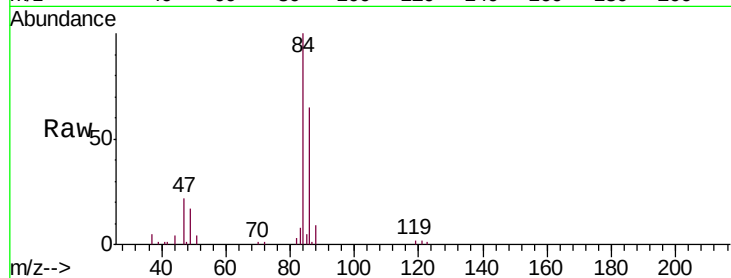




#25
Chloroform
Concen: 0.116 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU029519.D
Acq: 18 Feb 2019 10:18

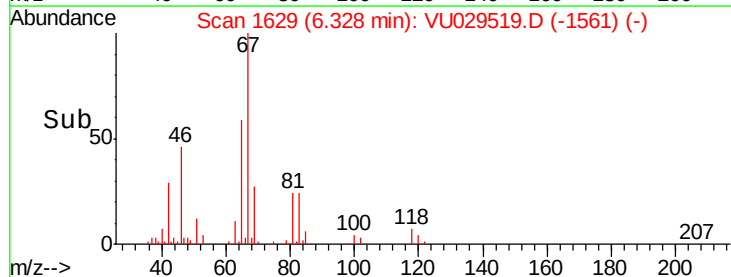
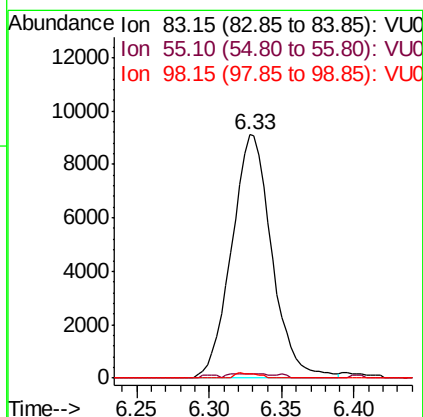
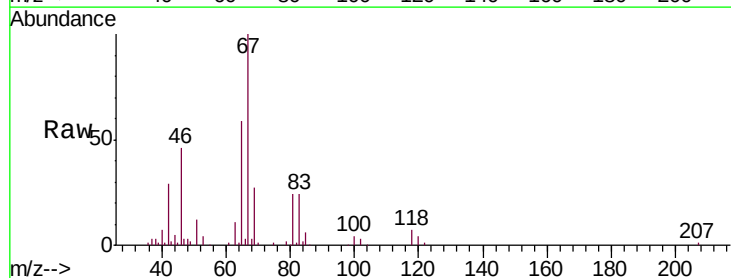
Instrument :
MSVOA_U
ClientSampleId :
VBLK55

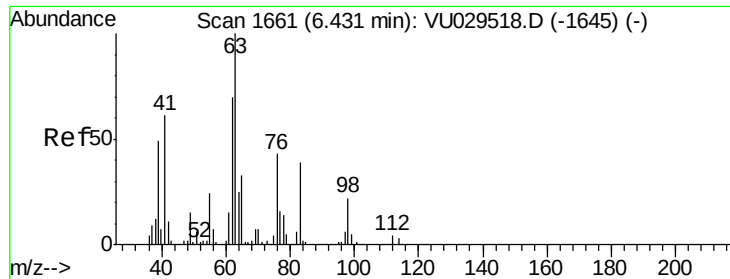
Tgt Ion: 83 Resp: 3374
Ion Ratio Lower Upper
83 100
85 63.6 47.8 88.8



#35
Methylcyclohexane
Concen: 0.608 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029519.D
Acq: 18 Feb 2019 10:18

Tgt Ion: 83 Resp: 17527
Ion Ratio Lower Upper
83 100
55 1.7 55.9 83.9#
98 1.2 38.6 57.8#

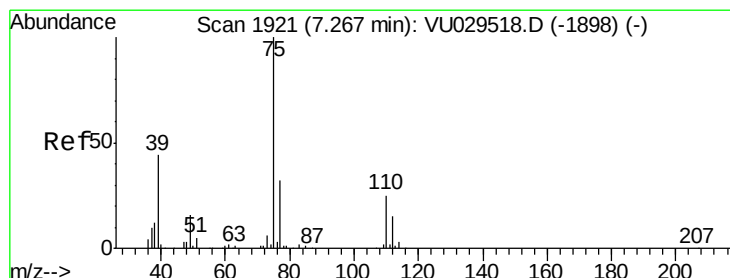
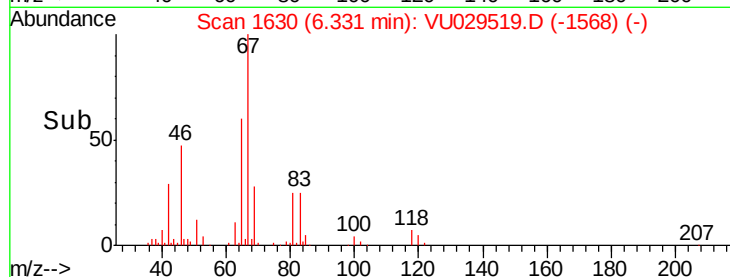
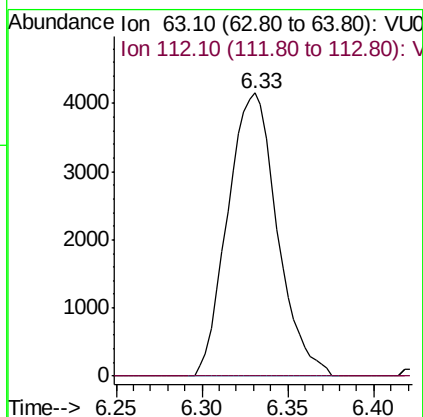
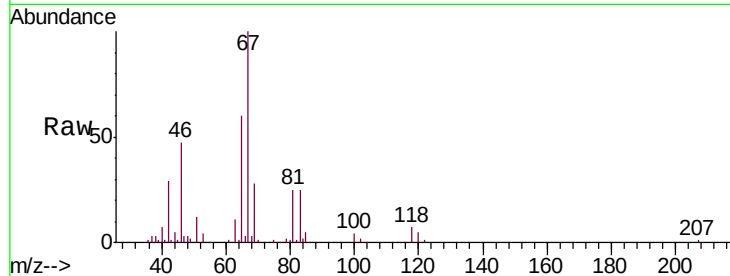




#37
 1,2-Dichloropropane
 Concen: 0.546 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU029519.D
 Acq: 18 Feb 2019 10:18

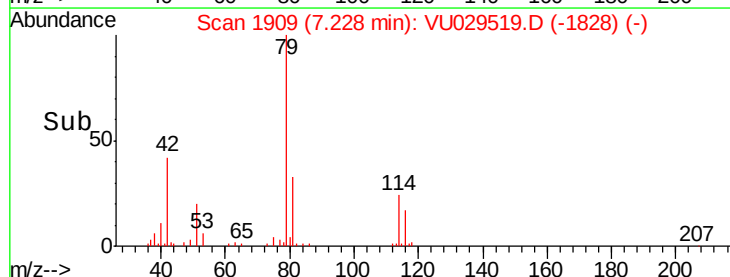
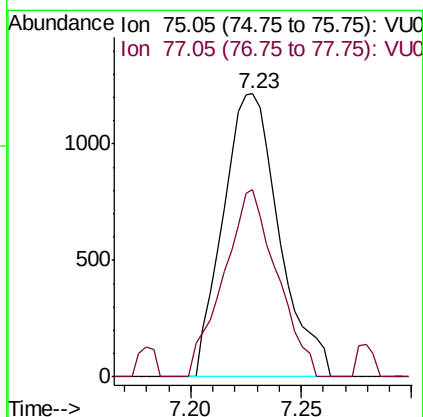
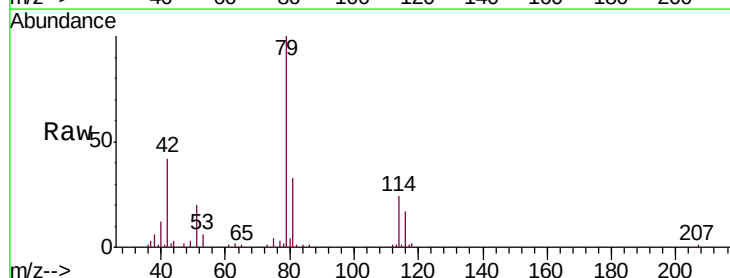
Instrument :
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 ClientSampleId :
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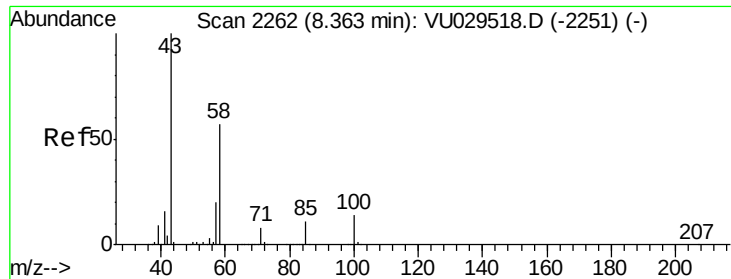
Tgt Ion: 63 Resp: 8344
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029519.D
 Acq: 18 Feb 2019 10:18

Tgt Ion: 75 Resp: 2154
 Ion Ratio Lower Upper
 75 100
 77 66.2 22.3 41.3#

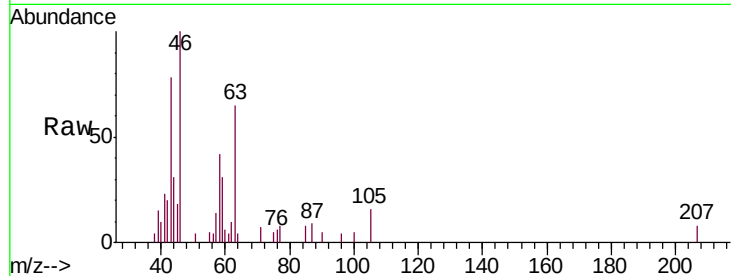




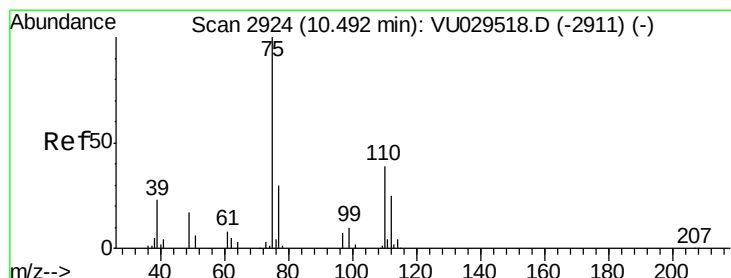
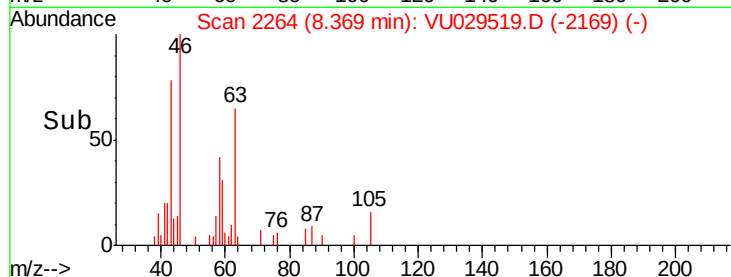
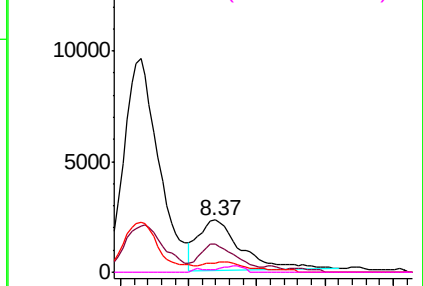
#48
 2-Hexanone
 Concen: 0.792 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU029519.D
 Acq: 18 Feb 2019 10:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK55

Tgt Ion: 43 Resp: 5081
 Ion Ratio Lower Upper
 43 100
 58 46.3 45.7 68.5
 57 21.7 16.4 24.6
 100 7.0 11.1 16.7#

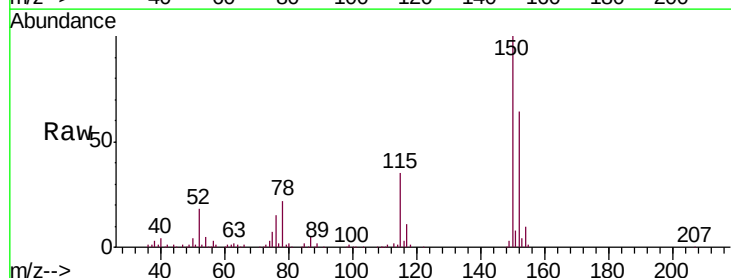


Abundance Ion 43.05 (42.75 to 43.75): VU0
 15000 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0

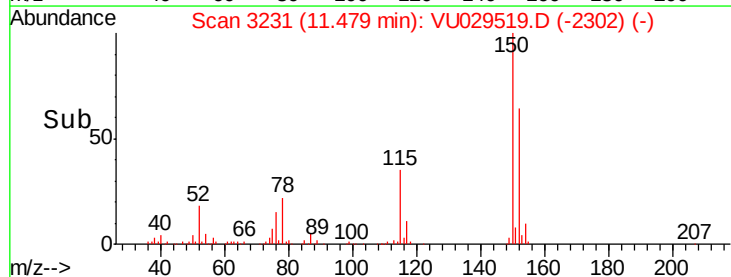
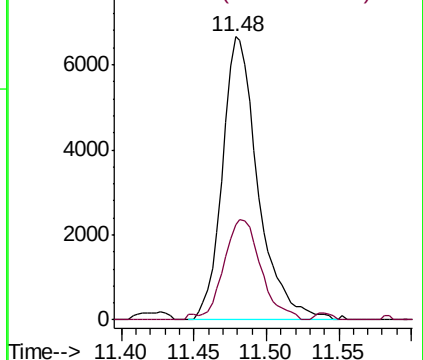


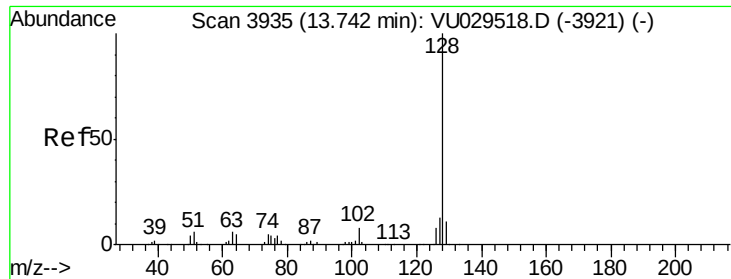
#59
 1,2,3-Trichloropropane
 Concen: 1.163 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029519.D
 Acq: 18 Feb 2019 10:18

Tgt Ion: 75 Resp: 11390
 Ion Ratio Lower Upper
 75 100
 77 36.5 28.2 42.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 0.114 ug/L

RT: 13.76 min Scan# 3939

Delta R.T. 0.01 min

Lab File: VU029519.D

Acq: 18 Feb 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

VBLK55

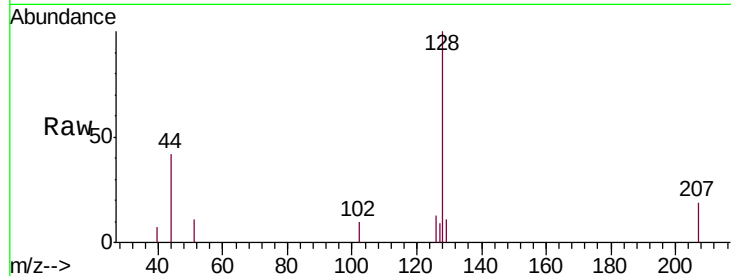
Tgt Ion:128 Resp: 5313

Ion Ratio Lower Upper

128 100

129 9.5 8.7 13.1

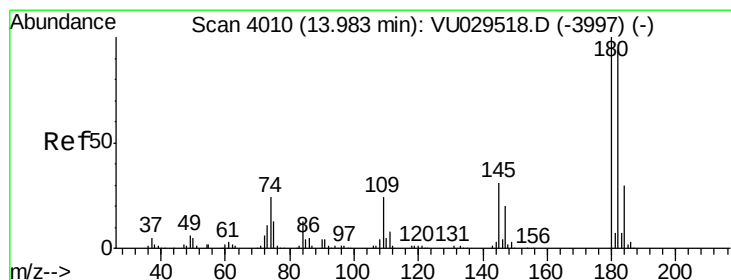
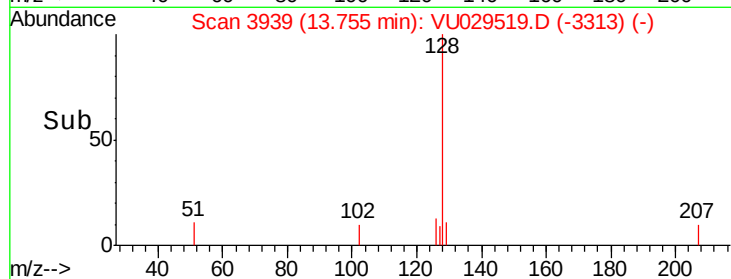
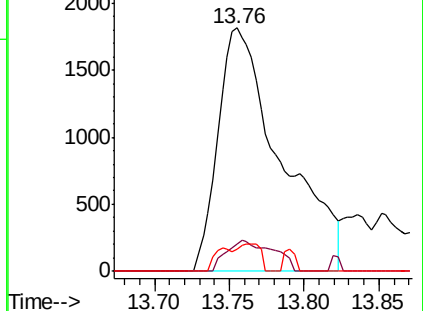
127 4.2 10.3 15.5#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.096 ug/L

RT: 14.00 min Scan# 4014

Delta R.T. 0.01 min

Lab File: VU029519.D

Acq: 18 Feb 2019 10:18

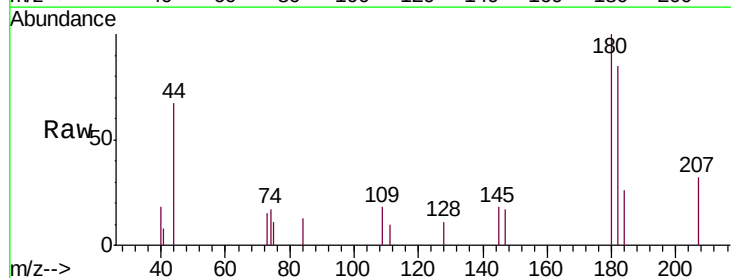
Tgt Ion:180 Resp: 2480

Ion Ratio Lower Upper

180 100

182 98.6 75.9 113.9

145 16.0 23.8 35.6#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

