

Data File : VU029601.D
Acq On : 21 Feb 2019 16:34
Operator : JC/SP
Sample : K1488-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 22 03:14:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 22 03:07:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	243274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	237172	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	121794	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75467	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.68	69	70930	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.27	63	123999	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.19	46	184177	51.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.54%
24) Chloroform-d	4.65	84	136160	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.31	65	73768	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.34	84	298281	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.33	67	89991	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.56	98	285211	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.85	79	33027	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.31	63	182191	51.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	76254	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	121369	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

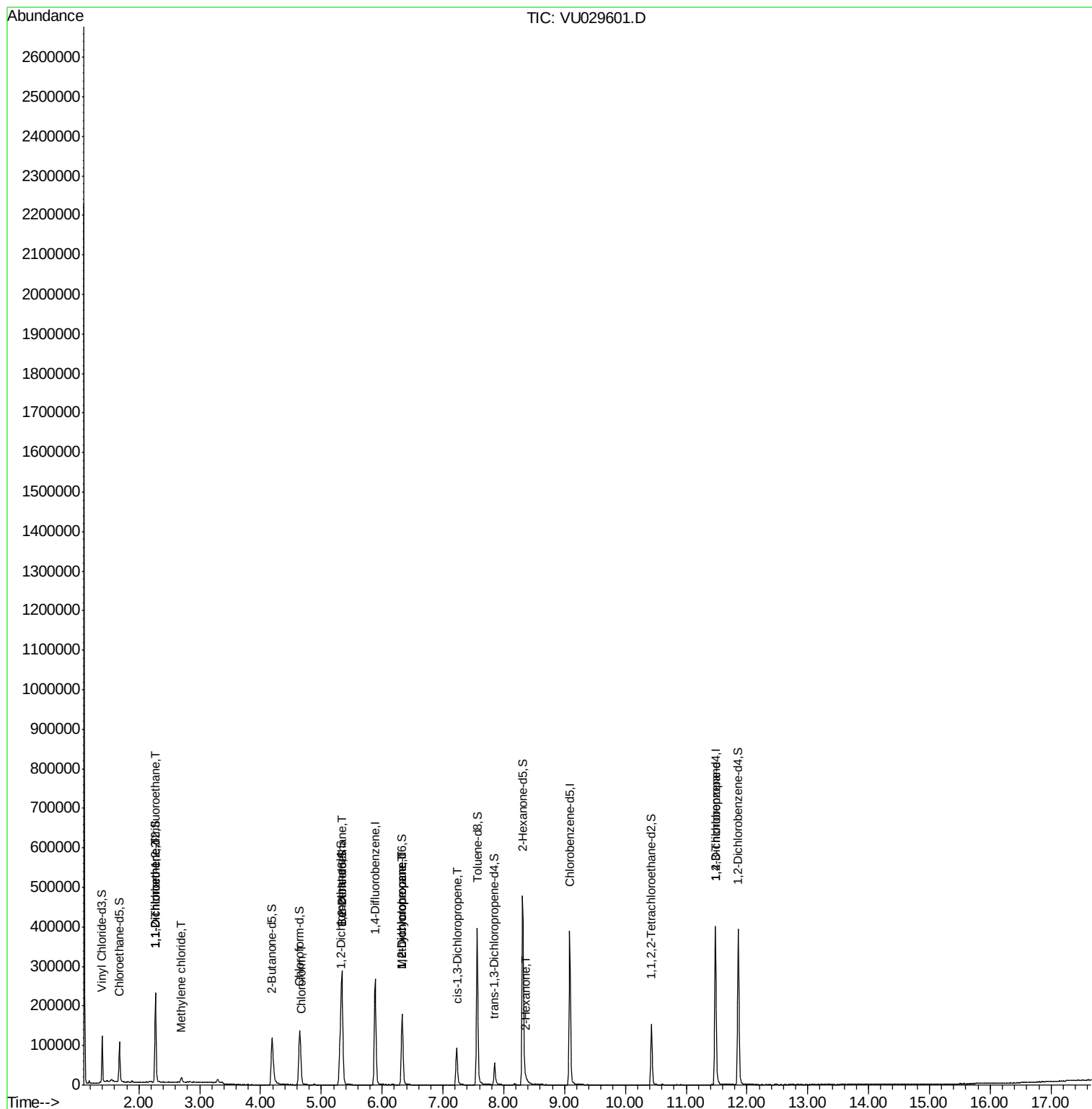
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1031	0.054 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	980	0.054 ug/L #	1
16) Methylene chloride	2.70	84	5056	0.237 ug/L	92
25) Chloroform	4.68	83	5732	0.187 ug/L	97
27) 1,2-Dichloroethane	5.34	62	1499	0.083 ug/L #	74
35) Methylcyclohexane	6.33	83	21385	0.754 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	10008	0.634 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2363	0.102 ug/L #	81
48) 2-Hexanone	8.37	43	5264	0.811 ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	12527	1.188 ug/L	95

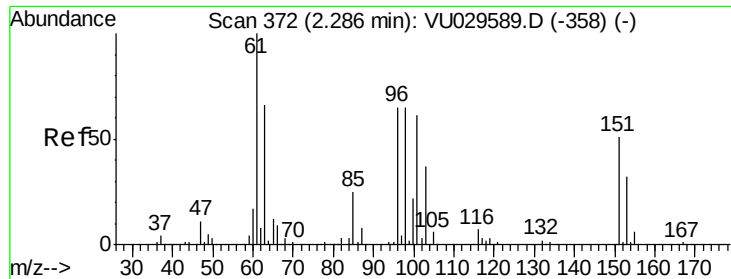
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.054 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU029601.D

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MSVOA_U

ClientSampleId :

VHBLK01

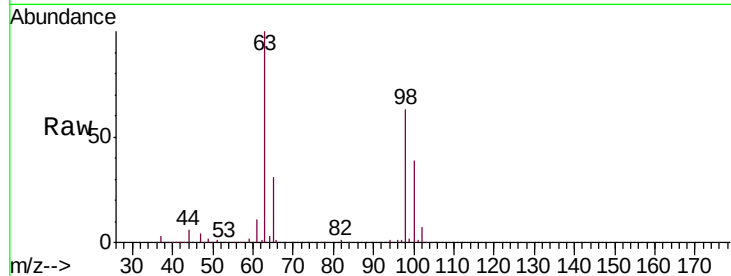
Tgt Ion: 101 Resp: 1031

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 65.9 98.9#



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

2.27

600

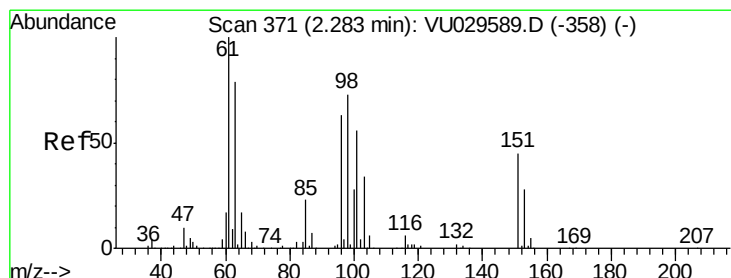
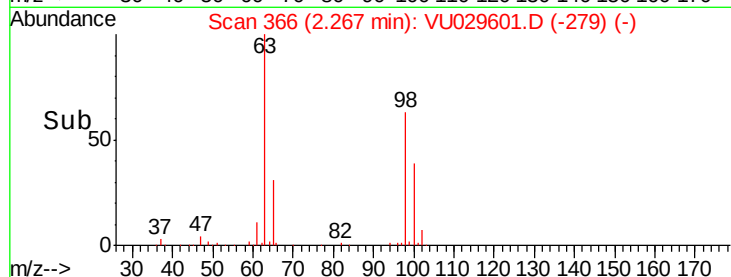
400

200

0

2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.054 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029601.D

Acq: 21 Feb 2019 16:34

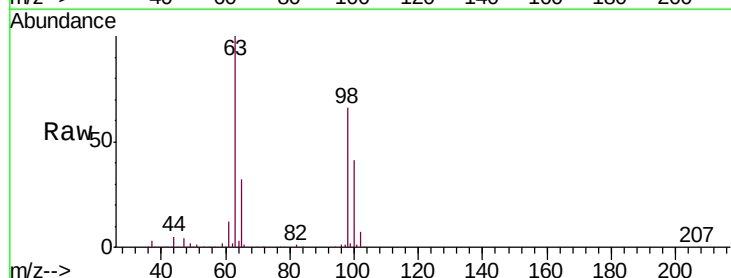
Tgt Ion: 96 Resp: 980

Ion Ratio Lower Upper

96 100

61 1393.0 111.3 206.7#

63 12090.0 88.5 164.3#



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

100000

80000

60000

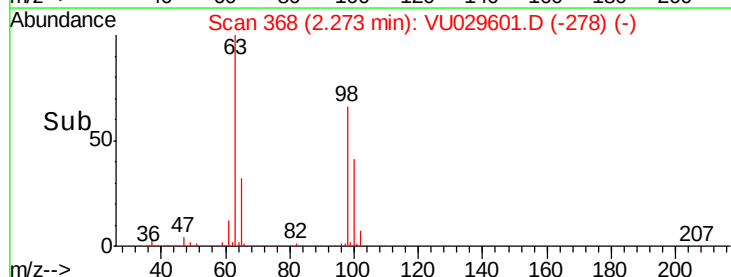
40000

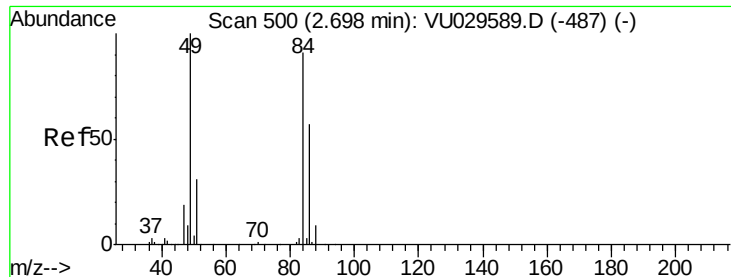
20000

0

2.25 2.30

Time-->

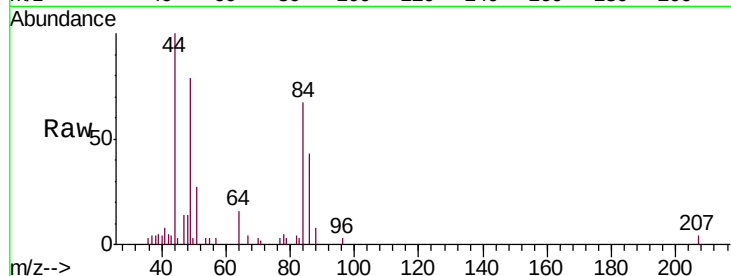




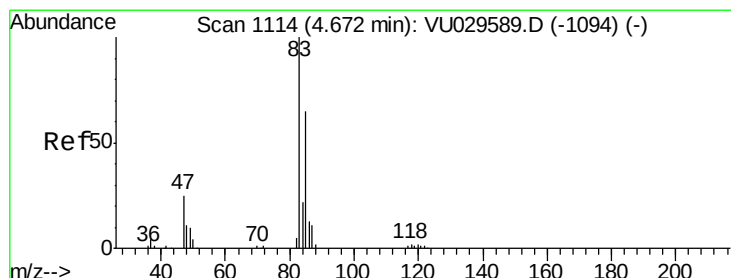
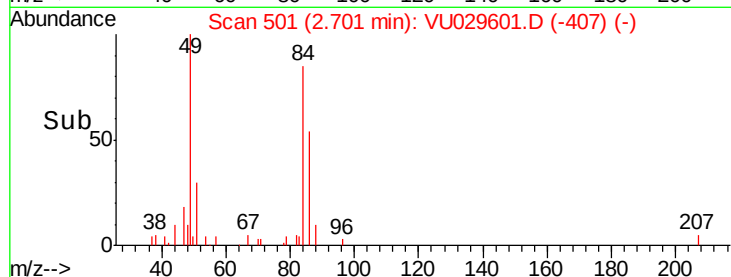
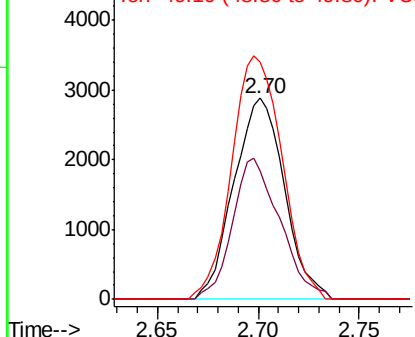
#16
Methylene chloride
Concen: 0.237 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU029601.D
Acq: 21 Feb 2019 16:34

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 5056
Ion Ratio Lower Upper
84 100
86 64.2 44.2 82.0
49 122.3 77.3 143.5

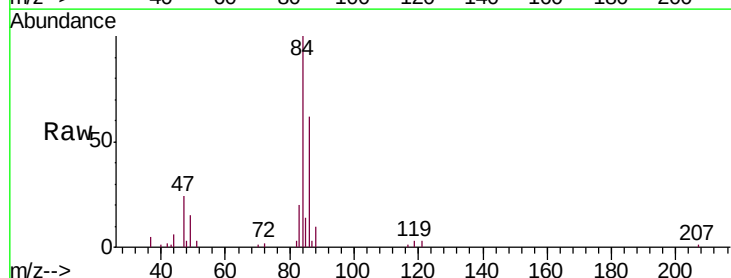


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

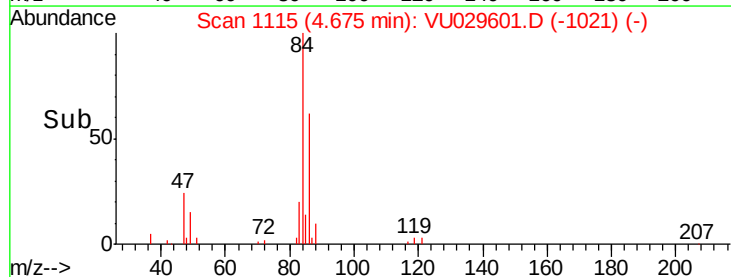
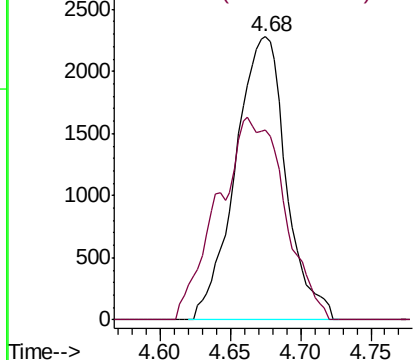


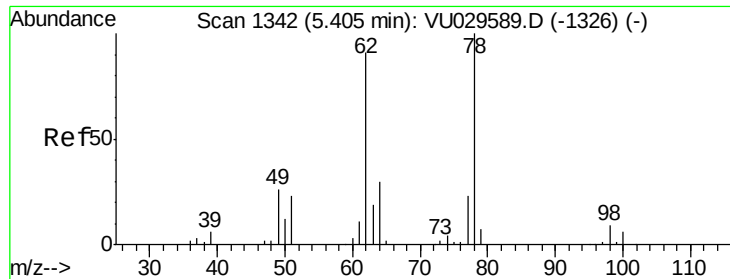
#25
Chloroform
Concen: 0.187 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VU029601.D
Acq: 21 Feb 2019 16:34

Tgt Ion: 83 Resp: 5732
Ion Ratio Lower Upper
83 100
85 67.3 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

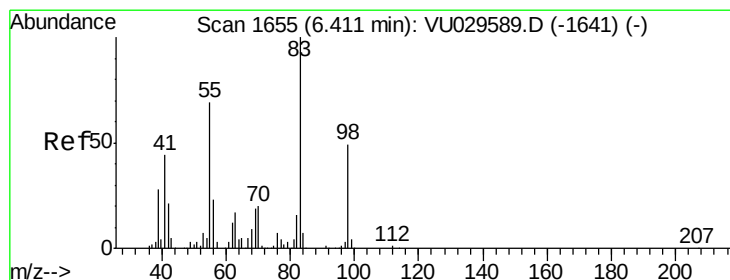
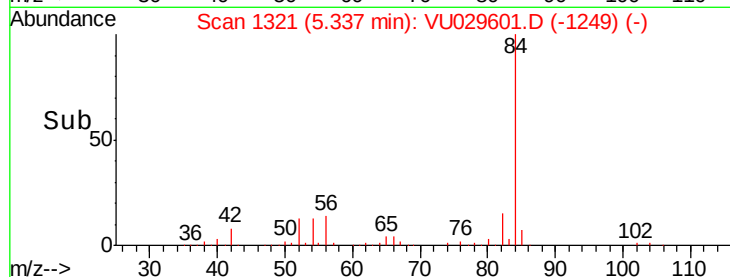
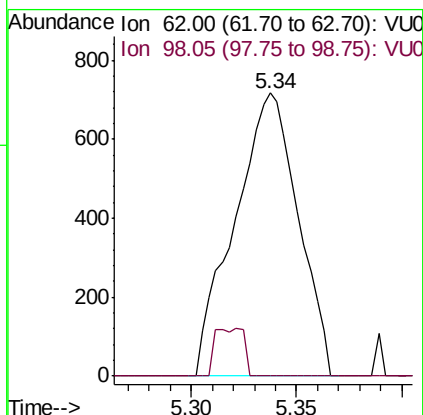
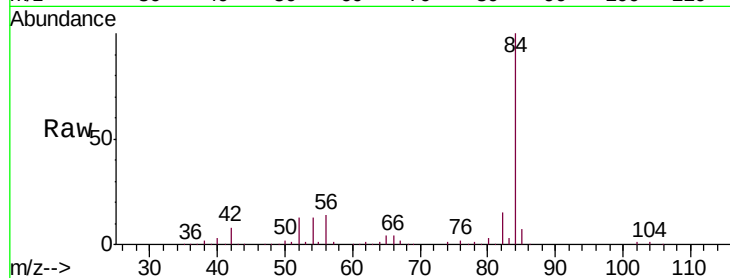




#27
 1,2-Dichloroethane
 Concen: 0.083 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.07 min
 Lab File: VU029601.D
 Acq: 21 Feb 2019 16:34

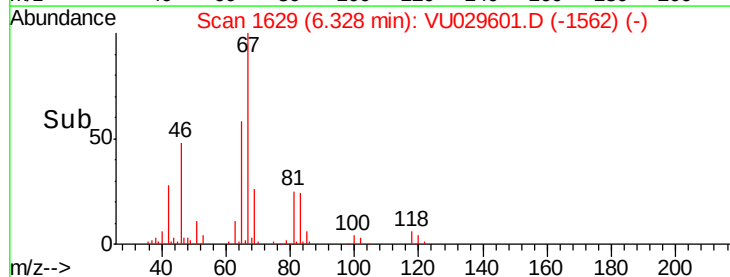
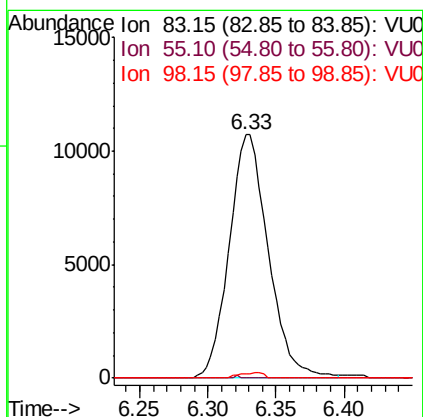
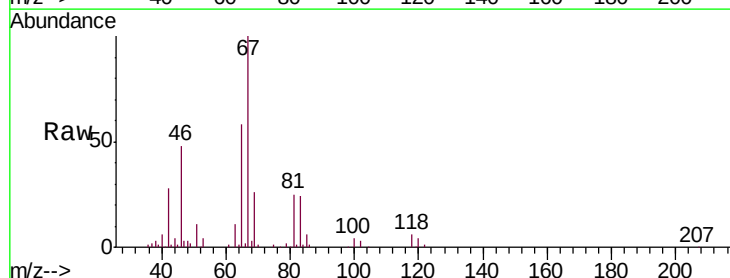
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

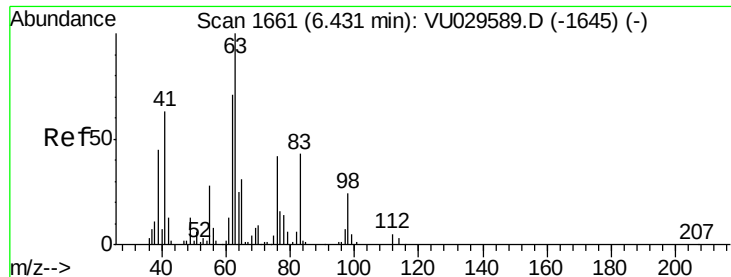
Tgt Ion: 62 Resp: 1499
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 0.754 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU029601.D
 Acq: 21 Feb 2019 16:34

Tgt Ion: 83 Resp: 21385
 Ion Ratio Lower Upper
 83 100
 55 0.1 56.5 84.7#
 98 1.3 39.4 59.2#

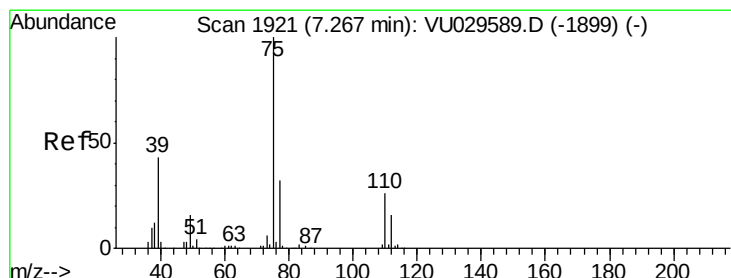
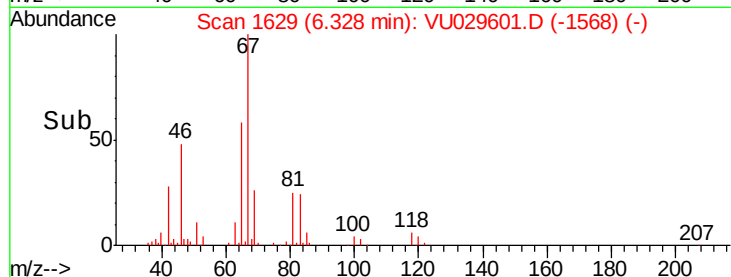
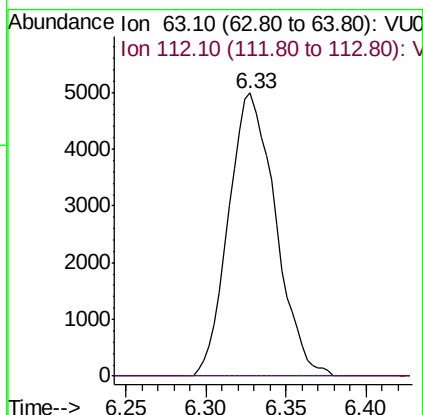
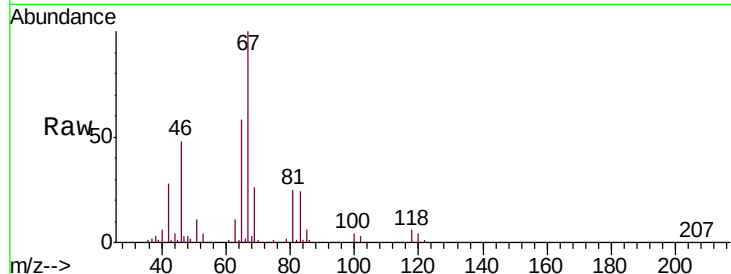




#37
 1,2-Dichloropropane
 Concen: 0.634 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029601.D
 Acq: 21 Feb 2019 16:34

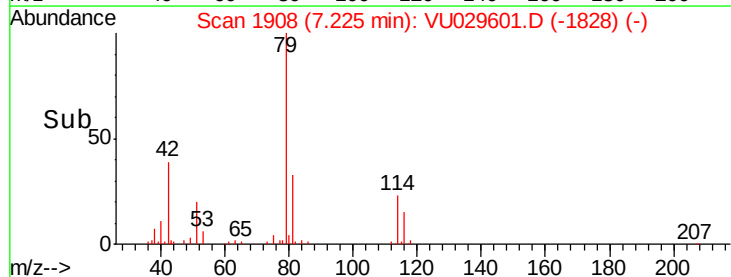
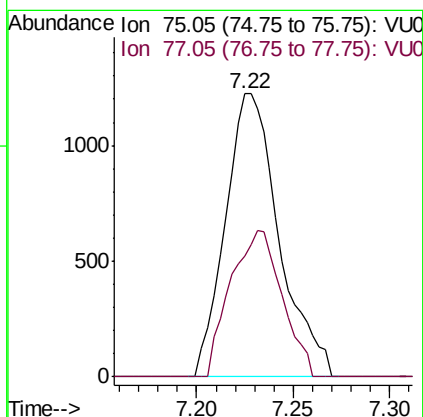
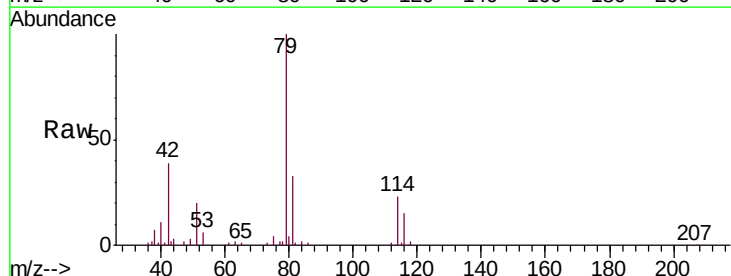
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

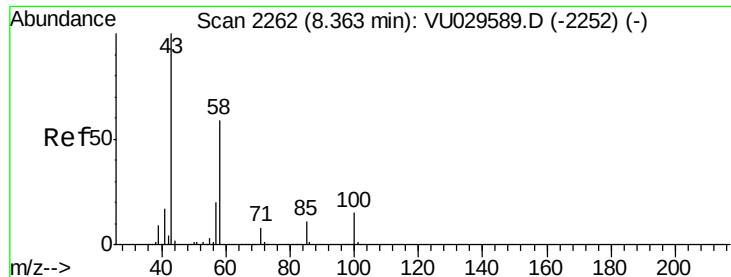
Tgt Ion: 63 Resp: 10008
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029601.D
 Acq: 21 Feb 2019 16:34

Tgt Ion: 75 Resp: 2363
 Ion Ratio Lower Upper
 75 100
 77 42.6 22.3 41.5#





#48

2-Hexanone

Concen: 0.811 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU029601.D

Acq: 21 Feb 2019 16:34

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 5264

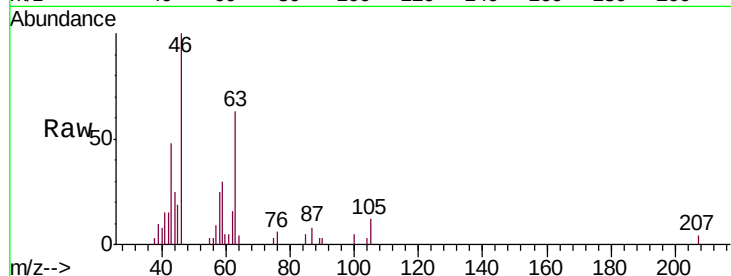
Ion Ratio Lower Upper

43 100

58 51.0 46.6 69.8

57 3.6 15.9 23.9#

100 4.8 11.4 17.2#

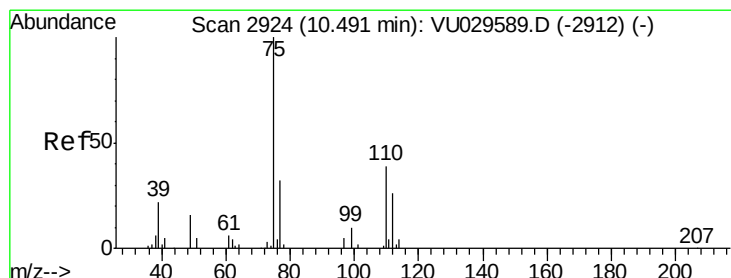
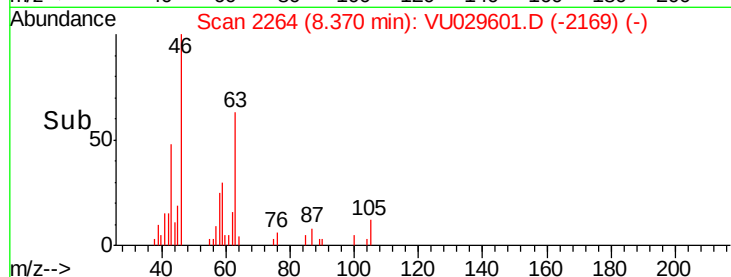
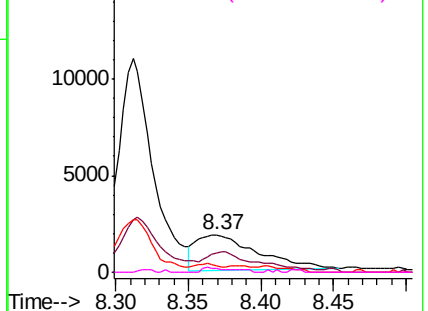


Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 1.188 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029601.D

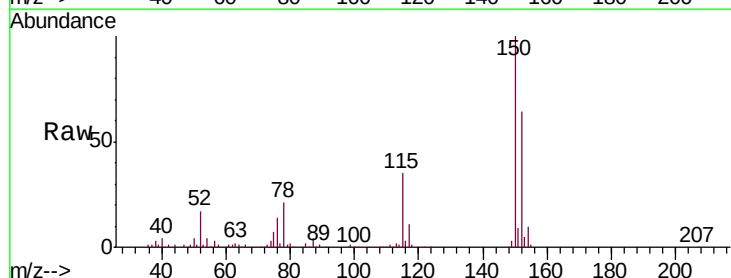
Acq: 21 Feb 2019 16:34

Tgt Ion: 75 Resp: 12527

Ion Ratio Lower Upper

75 100

77 34.5 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

