

Data File : VU028229.D
Acq On : 17 Nov 2018 17:07
Operator : MD/SY
Sample : J5946-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 19 03:11:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	147886	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144081	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65211	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54611	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.68	69	46662	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.28	63	81758	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.19	46	201401	54.08	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.16%
24) Chloroform-d	4.65	84	100387	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.31	65	59510	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.34	84	201485	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.33	67	75964	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.57	98	173089	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.85	79	22056	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.31	63	144520	50.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52143	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	59906	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

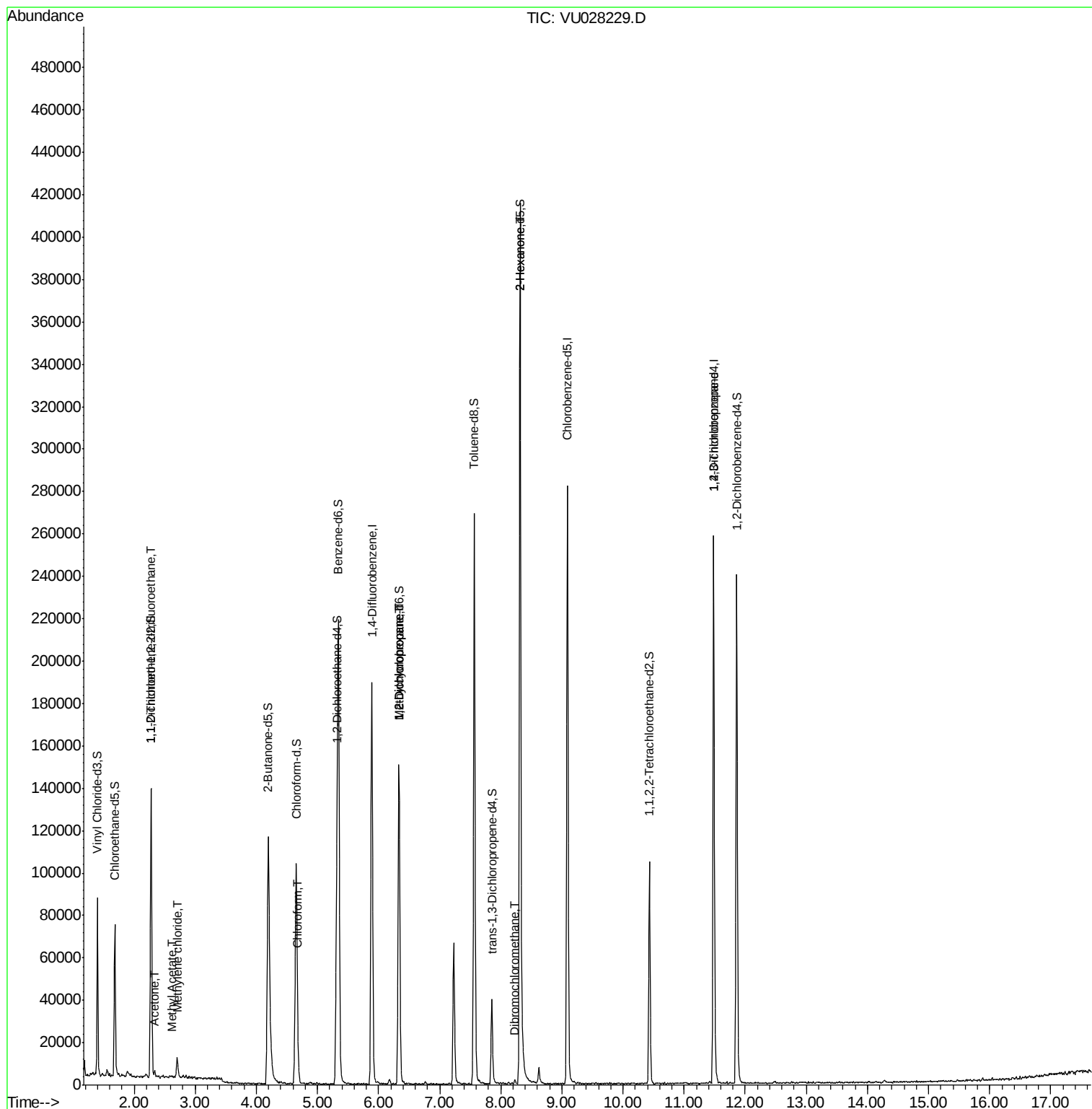
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	663	0.069	ug/L #	21
13) Acetone	2.33	43	1246	0.486	ug/L	53
15) Methyl Acetate	2.63	43	711	0.105	ug/L #	59
16) Methylene chloride	2.70	84	3441	0.300	ug/L	96
25) Chloroform	4.68	83	7079	0.291	ug/L	88
35) Methylcyclohexane	6.33	83	15545	0.848	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7748	0.571	ug/L #	93
48) 2-Hexanone	8.31	43	18310	2.648	ug/L #	67
49) Dibromochloromethane	8.23	129	335	0.040	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	9347	1.192	ug/L	96

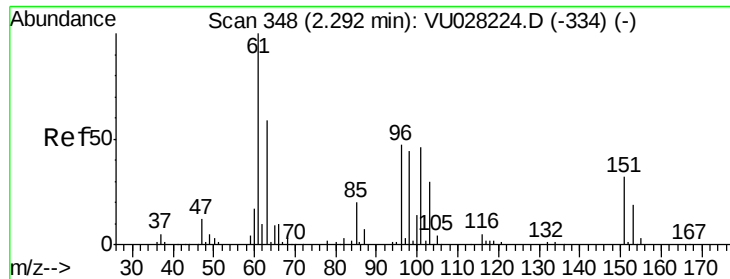
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028229.D
Acq On : 17 Nov 2018 17:07
Operator : MD/SY
Sample : J5946-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 19 03:11:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration





#10

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

Concen: 0.069 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028229.D

Acq: 17 Nov 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

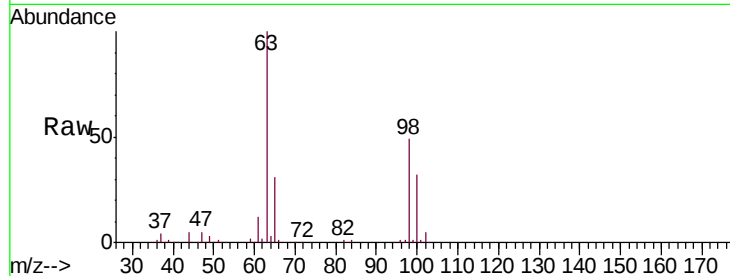
Tgt Ion: 101 Resp: 663

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

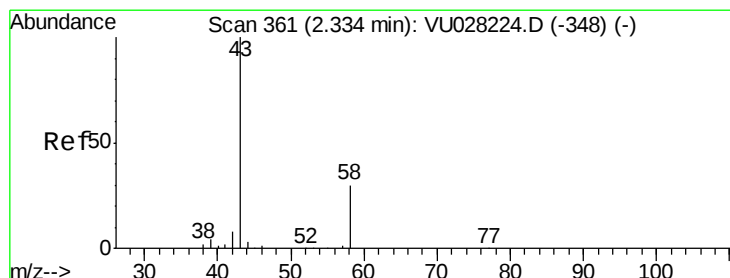
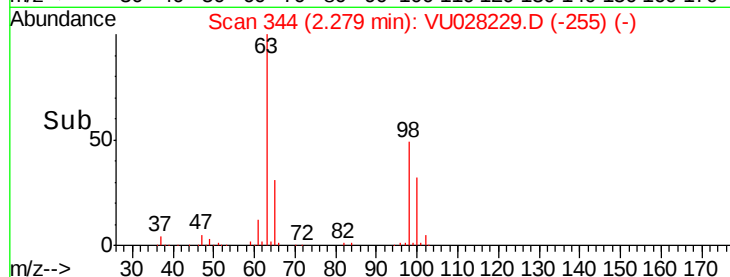
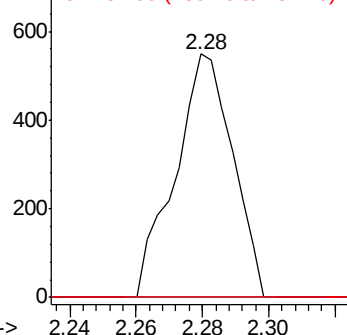
151 0.0 55.0 82.4#



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



#13

Acetone

Concen: 0.486 ug/L

RT: 2.33 min Scan# 361

Delta R.T. -0.02 min

Lab File: VU028229.D

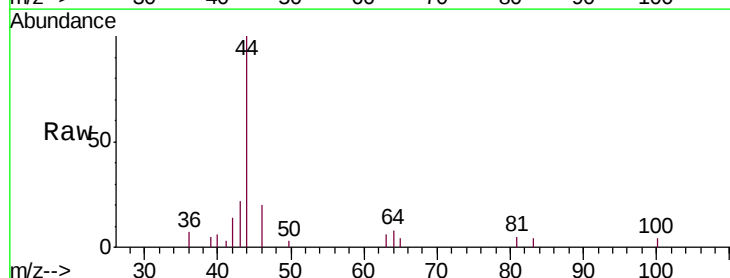
Acq: 17 Nov 2018 17:07

Tgt Ion: 43 Resp: 1246

Ion Ratio Lower Upper

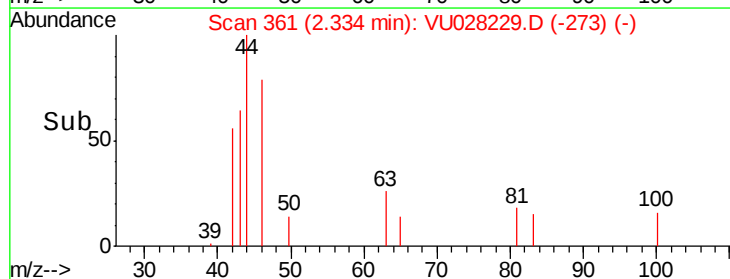
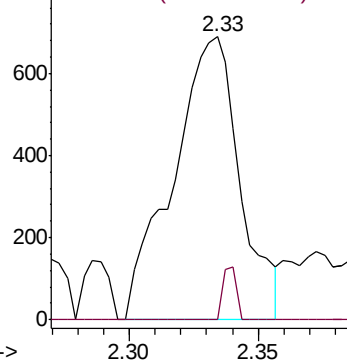
43 100

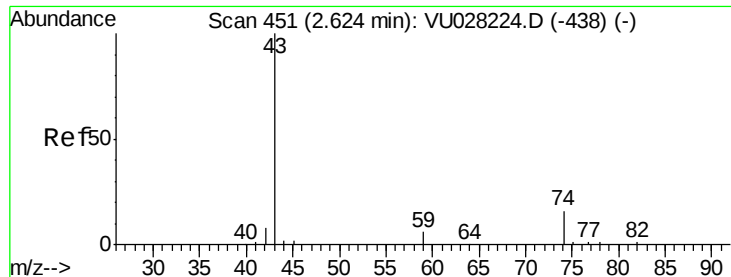
58 3.9 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#15

Methyl Acetate

Concen: 0.105 ug/L

RT: 2.63 min Scan# 454

Delta R.T. 0.01 min

Lab File: VU028229.D

Acq: 17 Nov 2018 17:07

Instrument :

MSVOA_U

ClientSampled :

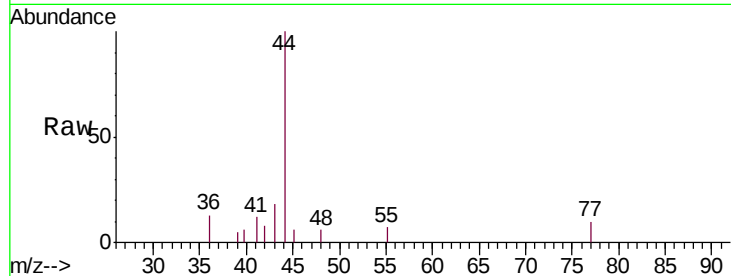
VHBLK01

Tgt Ion: 43 Resp: 711

Ion Ratio Lower Upper

43 100

74 0.0 14.7 22.1#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

2.63

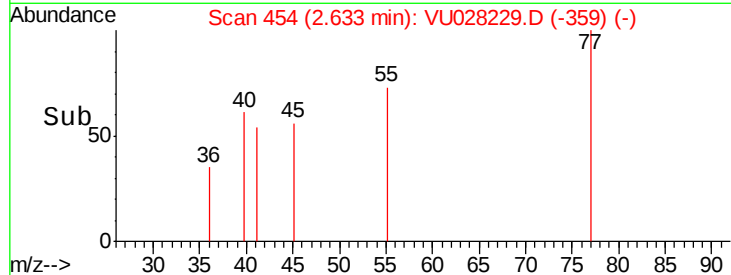
2.63

2.63

2.63

2.63

2.63



#16

Methylene chloride

Concen: 0.300 ug/L

RT: 2.70 min Scan# 476

Delta R.T. -0.00 min

Lab File: VU028229.D

Acq: 17 Nov 2018 17:07

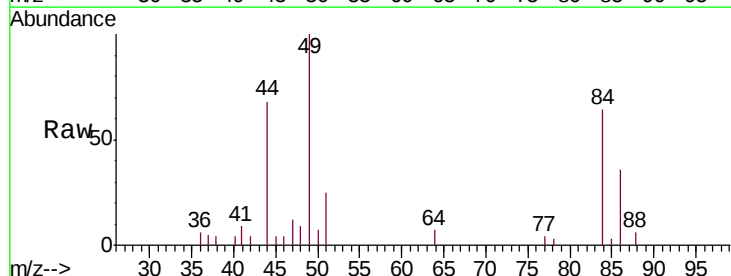
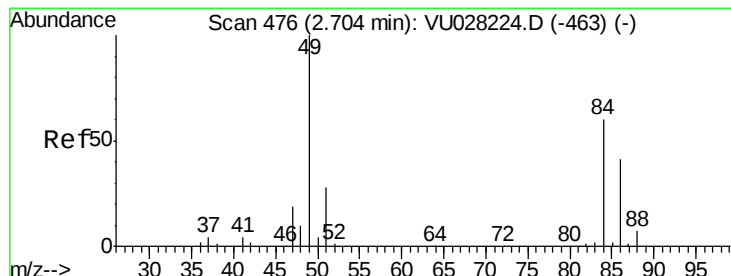
Tgt Ion: 84 Resp: 3441

Ion Ratio Lower Upper

84 100

86 56.0 45.3 84.1

49 156.1 107.9 200.5



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

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

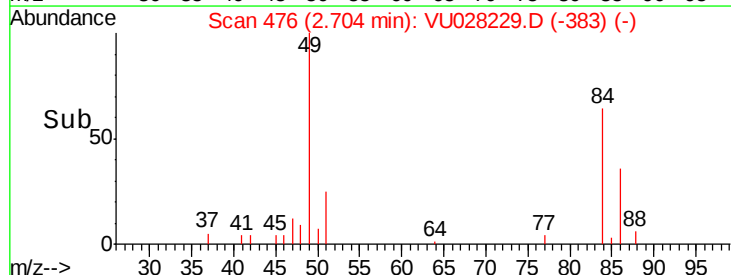
2.70

2.70

2.70

2.70

2.70



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

2.70

2.70

2.70

2.70

2.70

2.70

2.70

2.70

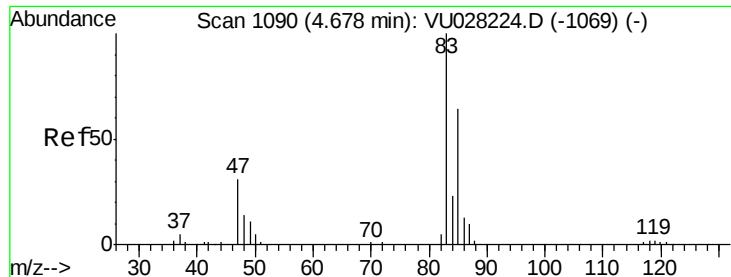
2.70

2.70

2.70

2.70

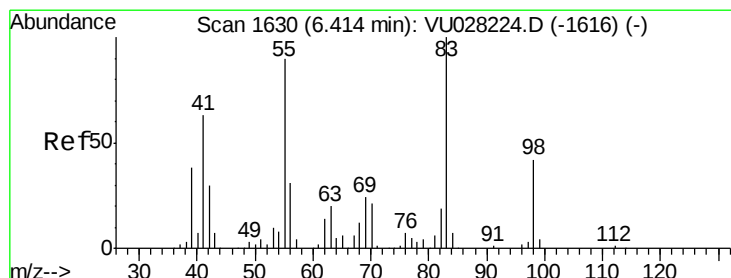
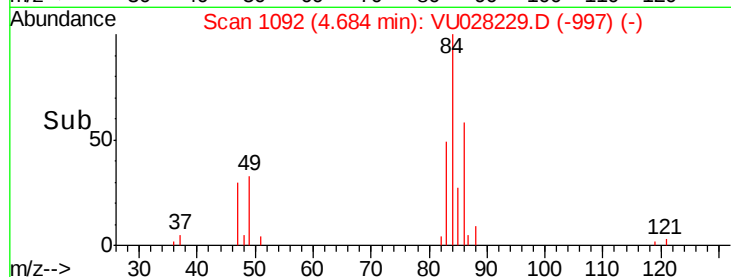
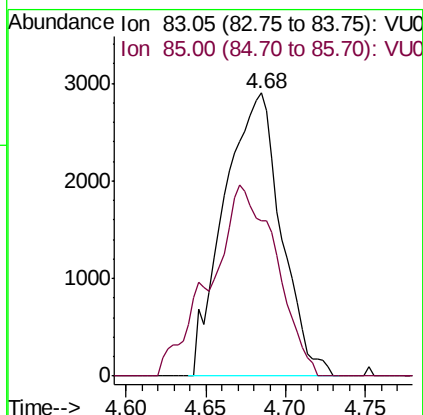
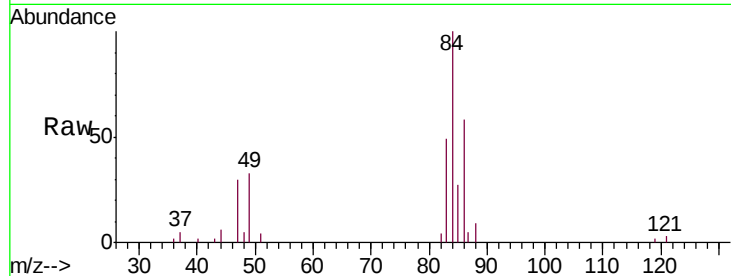
2.70



#25
Chloroform
Concen: 0.291 ug/L
RT: 4.68 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VU028229.D
Acq: 17 Nov 2018 17:07

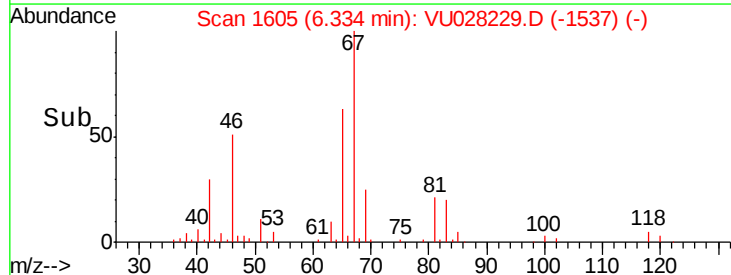
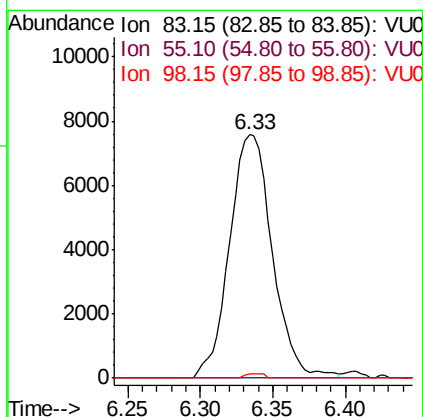
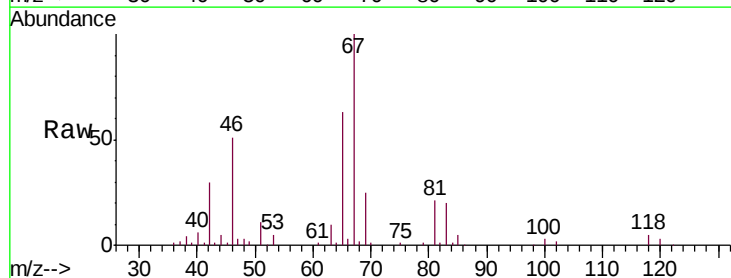
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

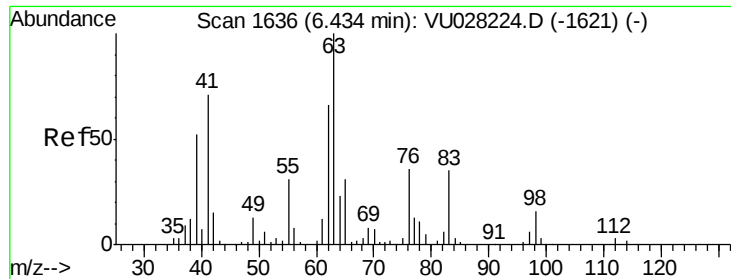
Tgt Ion: 83 Resp: 7079
Ion Ratio Lower Upper
83 100
85 54.7 44.6 82.8



#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028229.D
Acq: 17 Nov 2018 17:07

Tgt Ion: 83 Resp: 15545
Ion Ratio Lower Upper
83 100
55 0.0 73.2 109.8#
98 0.8 33.4 50.2#

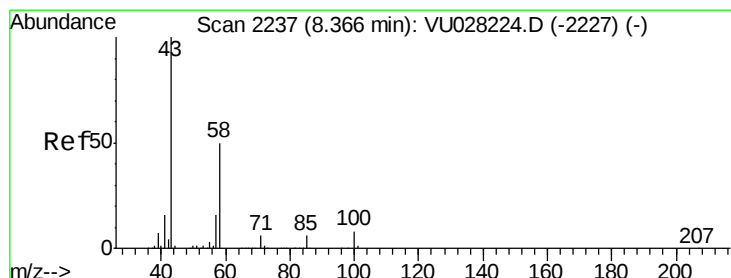
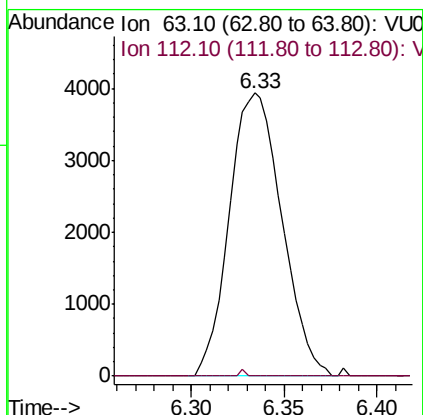
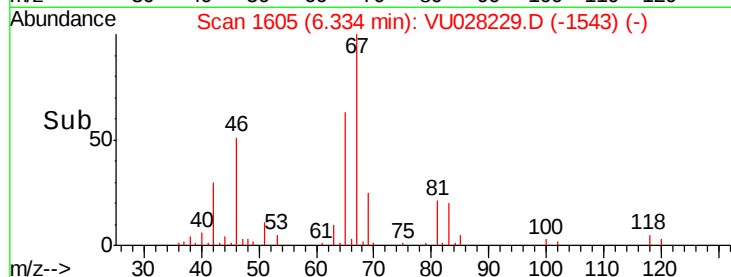
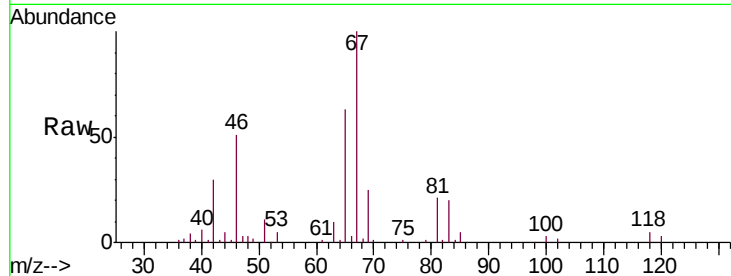




#37
 1,2-Dichloropropane
 Concen: 0.571 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU028229.D
 Acq: 17 Nov 2018 17:07

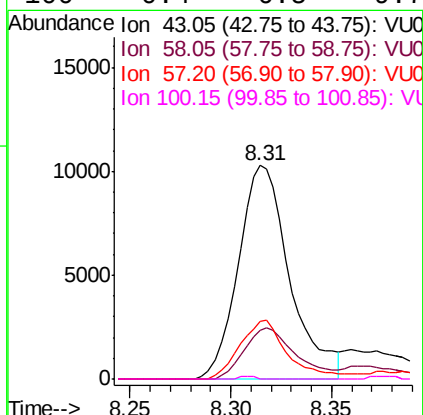
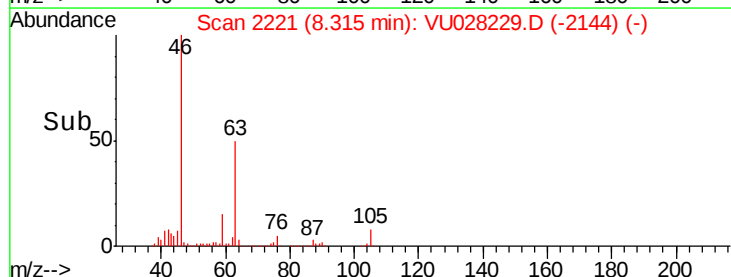
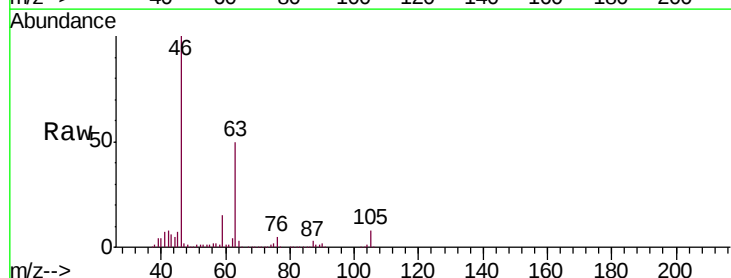
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

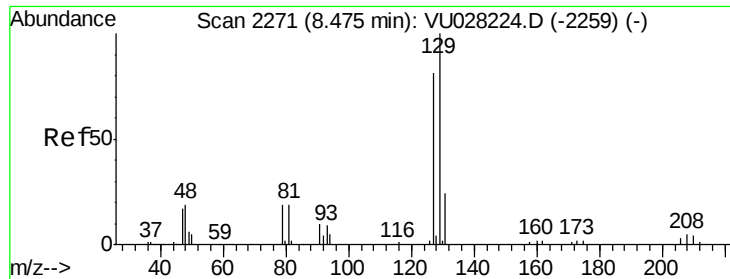
Tgt Ion: 63 Resp: 7748
 Ion Ratio Lower Upper
 63 100
 112 0.3 2.2 3.2#



#48
 2-Hexanone
 Concen: 2.648 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU028229.D
 Acq: 17 Nov 2018 17:07

Tgt Ion: 43 Resp: 18310
 Ion Ratio Lower Upper
 43 100
 58 23.6 41.1 61.7#
 57 25.7 13.8 20.8#
 100 0.4 6.5 9.7#





#49

Dibromochloromethane

Concen: 0.040 ug/L

RT: 8.23 min Scan# 2196

Delta R.T. -0.24 min

Lab File: VU028229.D

Acq: 17 Nov 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

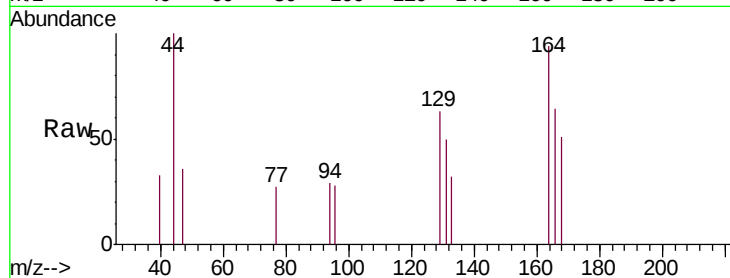
VHBLK01

Tgt Ion:129 Resp: 335

Ion Ratio Lower Upper

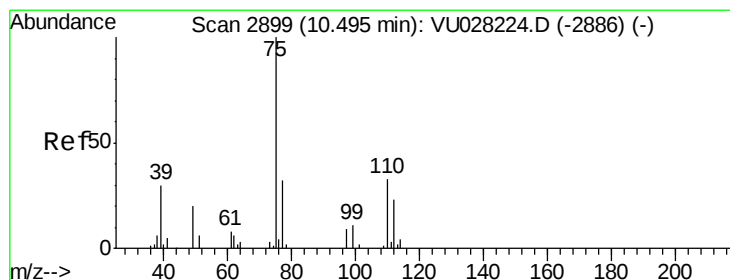
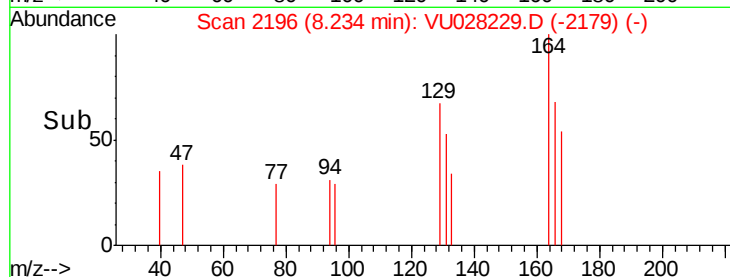
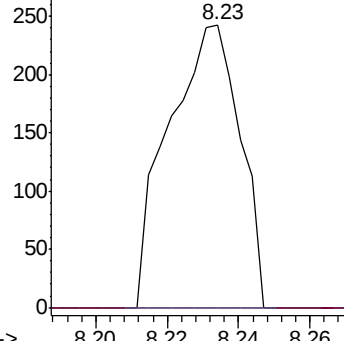
129 100

127 0.0 54.7 101.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.192 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028229.D

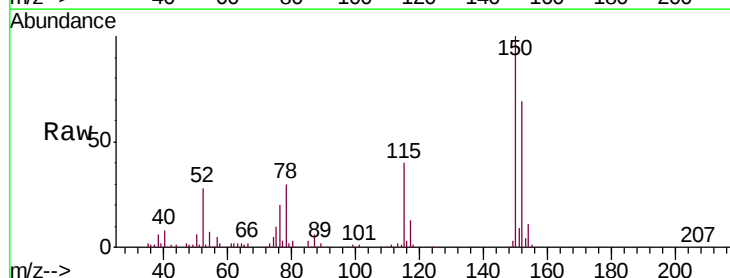
Acq: 17 Nov 2018 17:07

Tgt Ion: 75 Resp: 9347

Ion Ratio Lower Upper

75 100

77 34.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

