

Data File : VU028323.D
Acq On : 21 Nov 2018 16:37
Operator : MD/SY
Sample : J5986-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 21 22:39:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	173380	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167547	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74258	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66379	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.68	69	51098	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.27	63	96600	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.19	46	189059	43.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.60%
24) Chloroform-d	4.65	84	109829	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.31	65	62276	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.34	84	222932	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.33	67	80424	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.56	98	188965	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.85	79	28462	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.31	63	132444	39.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55235	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	62910	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

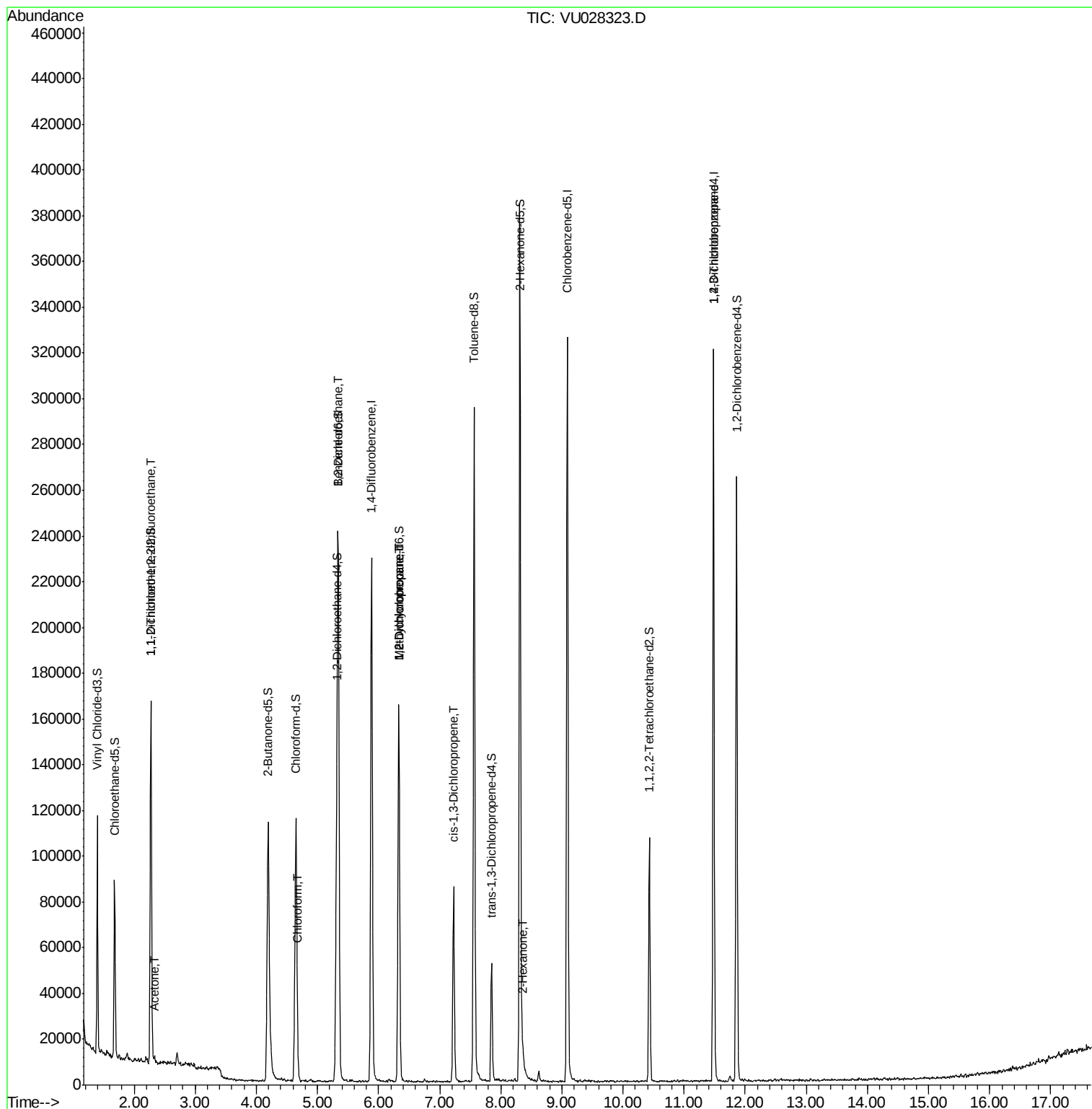
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	556	0.049	ug/L #	21
13) Acetone	2.32	43	1439	0.479	ug/L	96
25) Chloroform	4.68	83	4491	0.157	ug/L	94
27) 1,2-Dichloroethane	5.34	62	1228	0.075	ug/L #	78
35) Methylcyclohexane	6.33	83	16189	0.759	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8433	0.535	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1832	0.092	ug/L #	67
48) 2-Hexanone	8.36	43	3907	0.486	ug/L #	44
59) 1,2,3-Trichloropropane	11.48	75	11295	1.239	ug/L	94

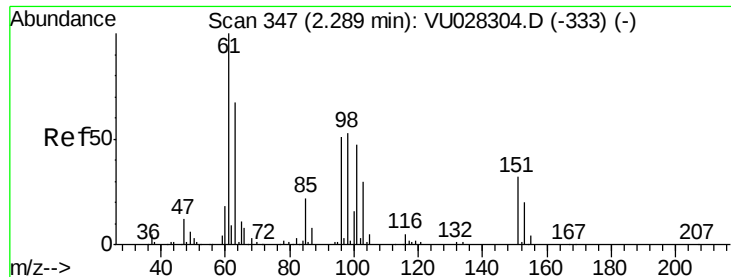
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028323.D
Acq On : 21 Nov 2018 16:37
Operator : MD/SY
Sample : J5986-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 21 22:39:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration





#10

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

Concen: 0.049 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028323.D

Acq: 21 Nov 2018 16:37

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

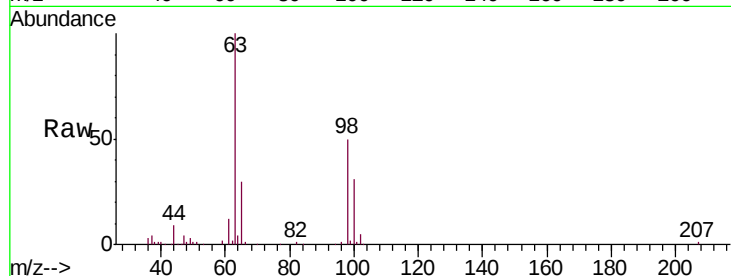
Tgt Ion: 101 Resp: 556

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

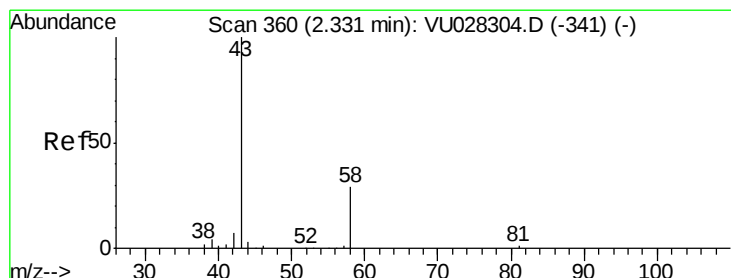
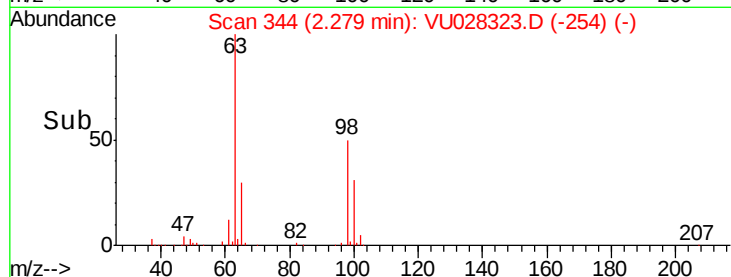
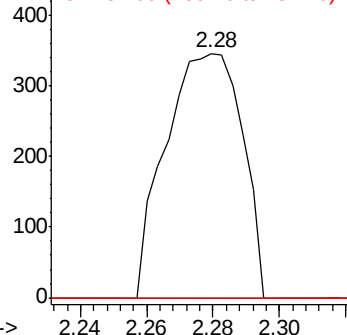
151 0.0 55.0 82.4#



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: 0.479 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.01 min

Lab File: VU028323.D

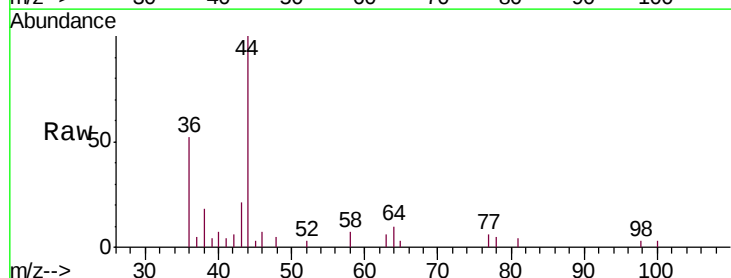
Acq: 21 Nov 2018 16:37

Tgt Ion: 43 Resp: 1439

Ion Ratio Lower Upper

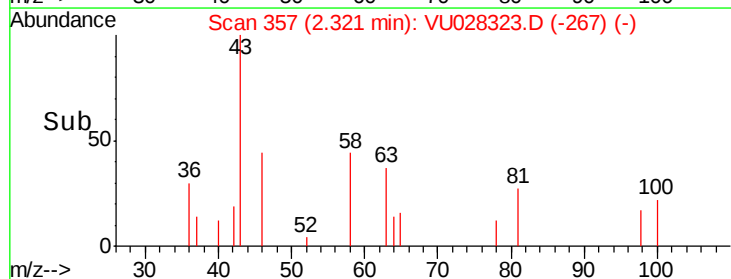
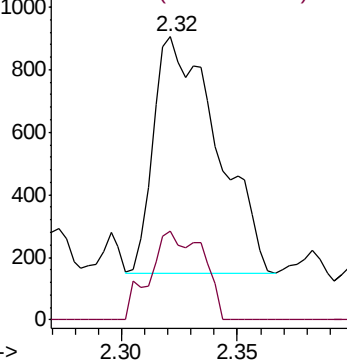
43 100

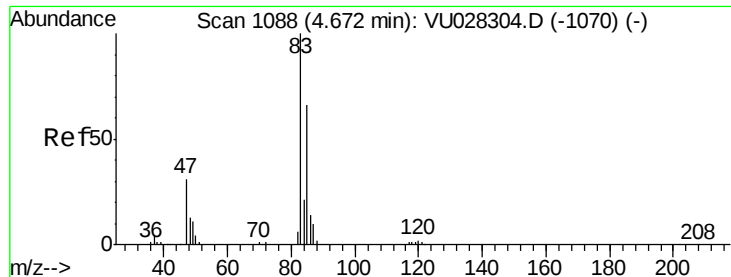
58 31.4 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

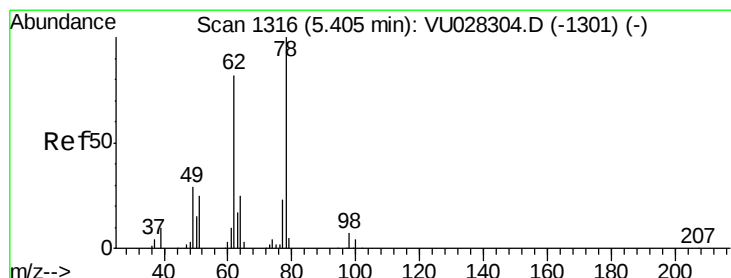
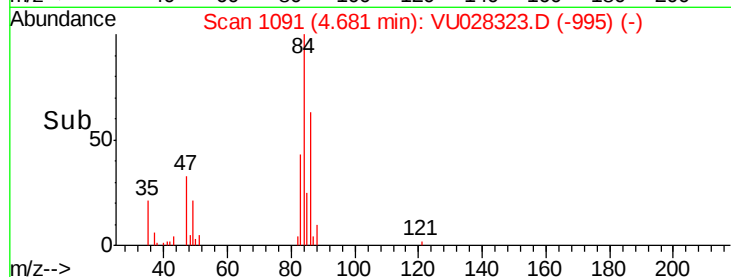
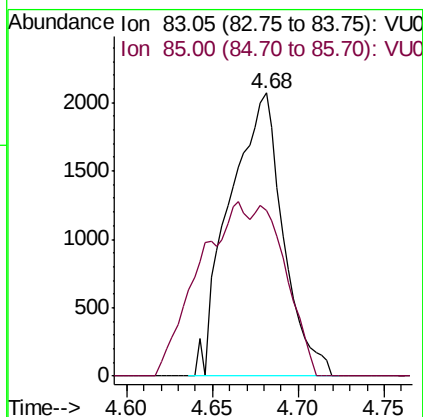
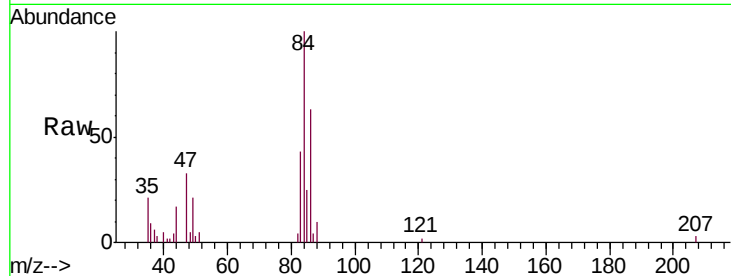




#25
Chloroform
Concen: 0.157 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU028323.D
Acq: 21 Nov 2018 16:37

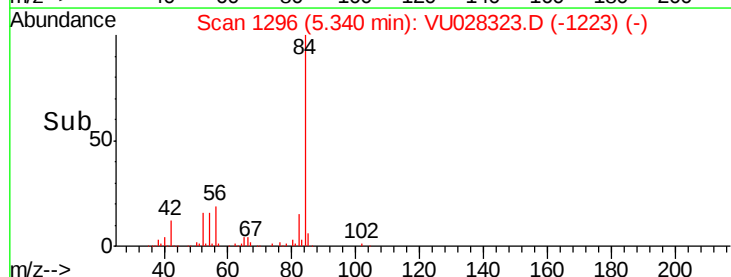
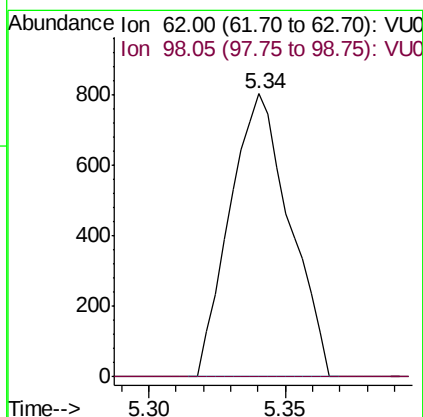
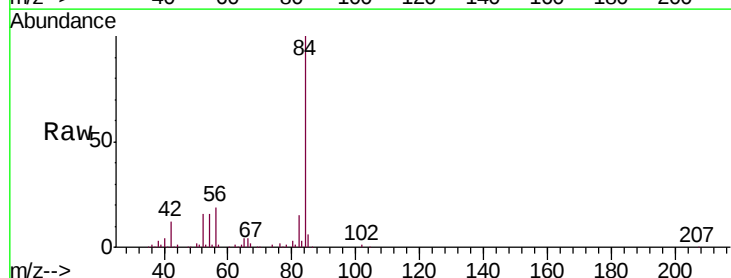
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

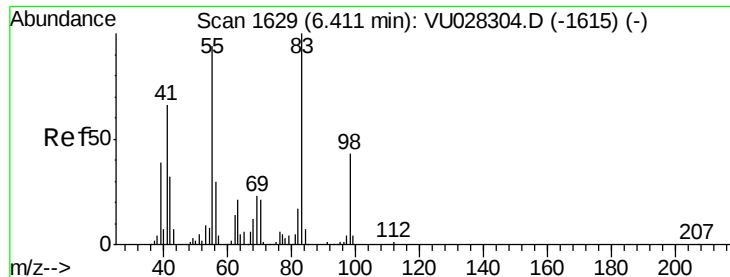
Tgt Ion: 83 Resp: 4491
Ion Ratio Lower Upper
83 100
85 58.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.075 ug/L
RT: 5.34 min Scan# 1296
Delta R.T. -0.06 min
Lab File: VU028323.D
Acq: 21 Nov 2018 16:37

Tgt Ion: 62 Resp: 1228
Ion Ratio Lower Upper
62 100
98 0.0 6.2 9.4#

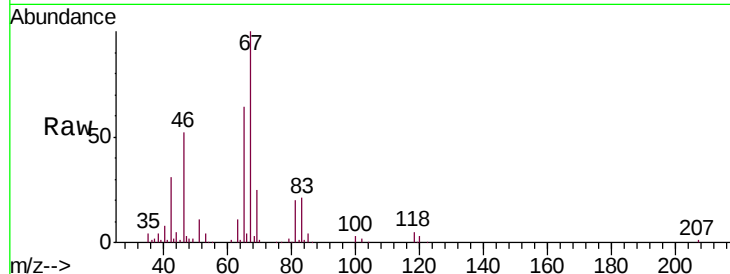




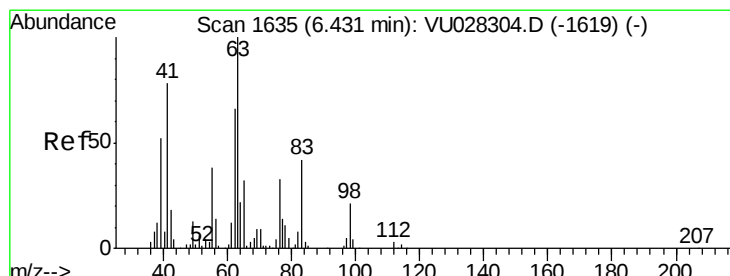
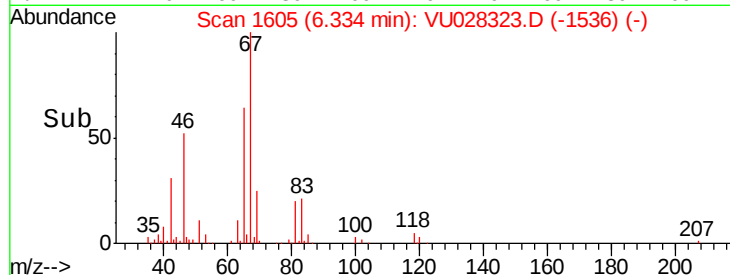
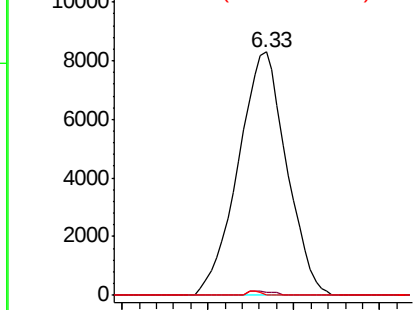
#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028323.D
Acq: 21 Nov 2018 16:37

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 16189
Ion Ratio Lower Upper
83 100
55 0.9 73.2 109.8#
98 0.5 33.4 50.2#

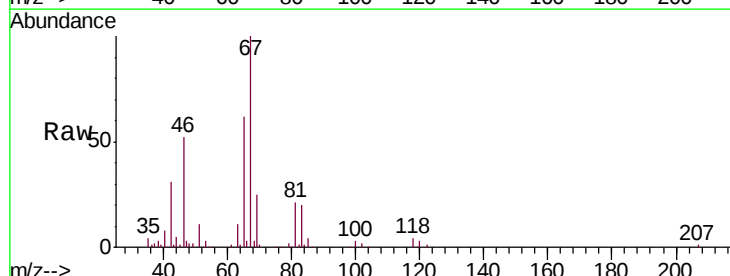


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

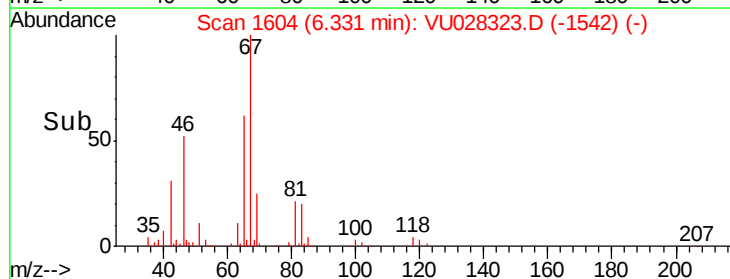
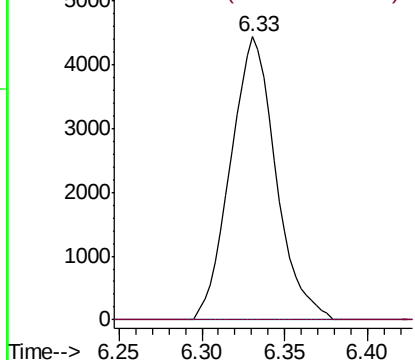


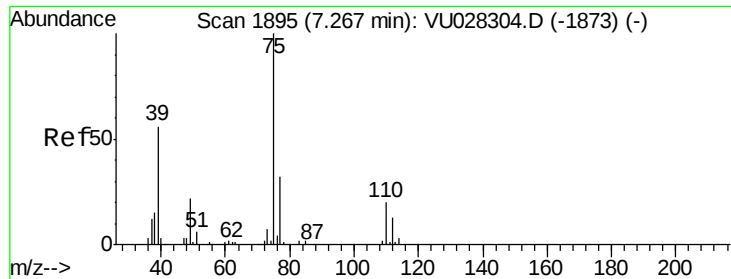
#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028323.D
Acq: 21 Nov 2018 16:37

Tgt Ion: 63 Resp: 8433
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



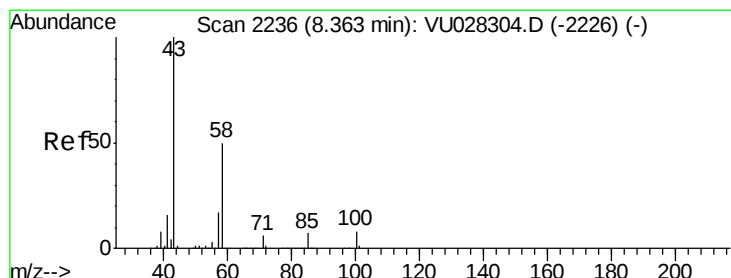
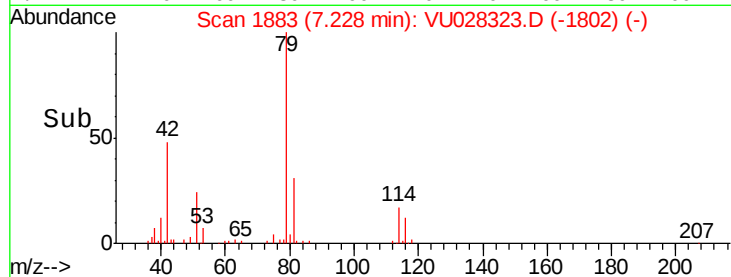
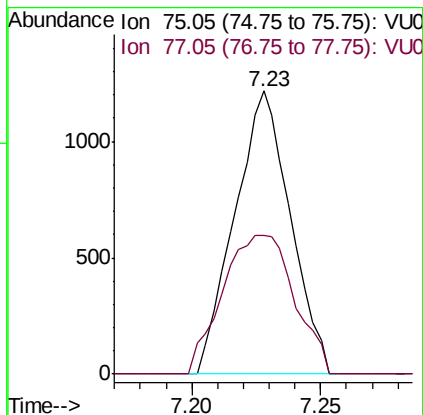
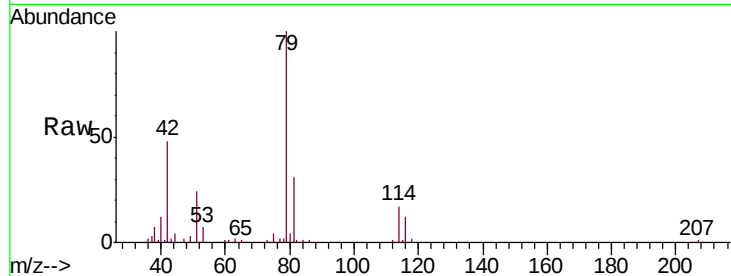


#39

cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028323.D
 Acq: 21 Nov 2018 16:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

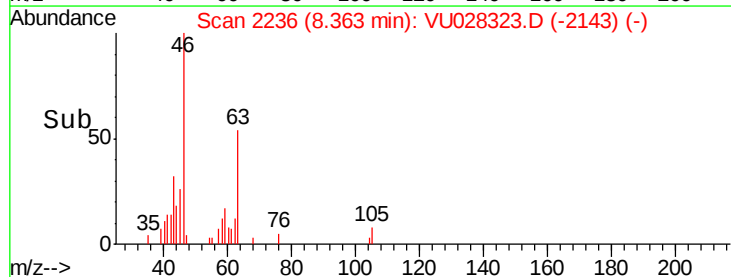
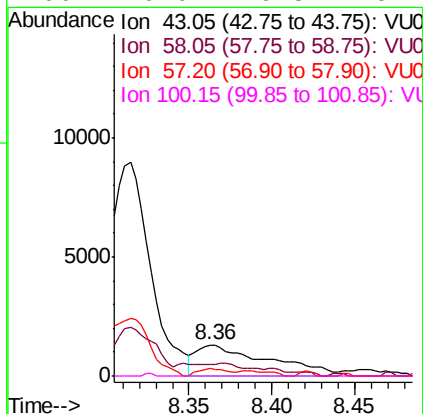
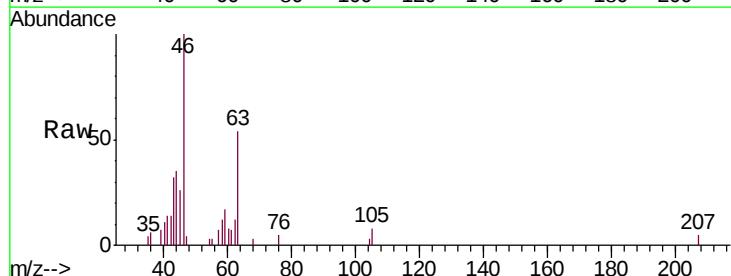
Tgt Ion: 75 Resp: 1832
 Ion Ratio Lower Upper
 75 100
 77 49.1 21.7 40.3#

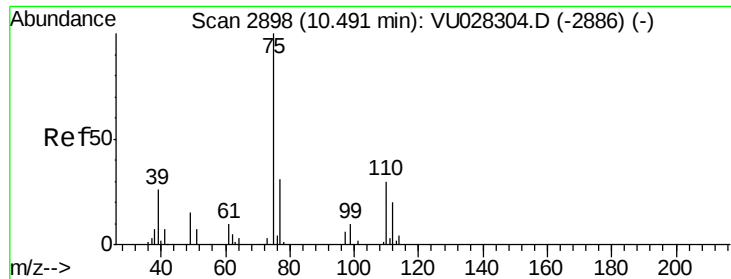


#48

2-Hexanone
 Concen: 0.486 ug/L
 RT: 8.36 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: VU028323.D
 Acq: 21 Nov 2018 16:37

Tgt Ion: 43 Resp: 3907
 Ion Ratio Lower Upper
 43 100
 58 0.0 41.1 61.7#
 57 9.1 13.8 20.8#
 100 0.0 6.5 9.7#





#59

1,2,3-Trichloropropane

Concen: 1.239 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028323.D

Acq: 21 Nov 2018 16:37

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 11295

Ion Ratio Lower Upper

75 100

77 35.4 25.7 38.5

