

Data File : VU028976.D
Acq On : 27 Dec 2018 20:16
Operator : MD/SY
Sample : J6507-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF030

Quant Time: Dec 28 03:12:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 28 03:05:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	116031	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	110819	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52266	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29904	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.68	69	27459	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.27	63	43878	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.19	46	88176	54.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.66%
24) Chloroform-d	4.65	84	59965	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.31	65	31441	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.34	84	127295	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.33	67	43390	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.57	98	114807	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.85	79	15044	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.31	63	74259	52.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33347	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	45442	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

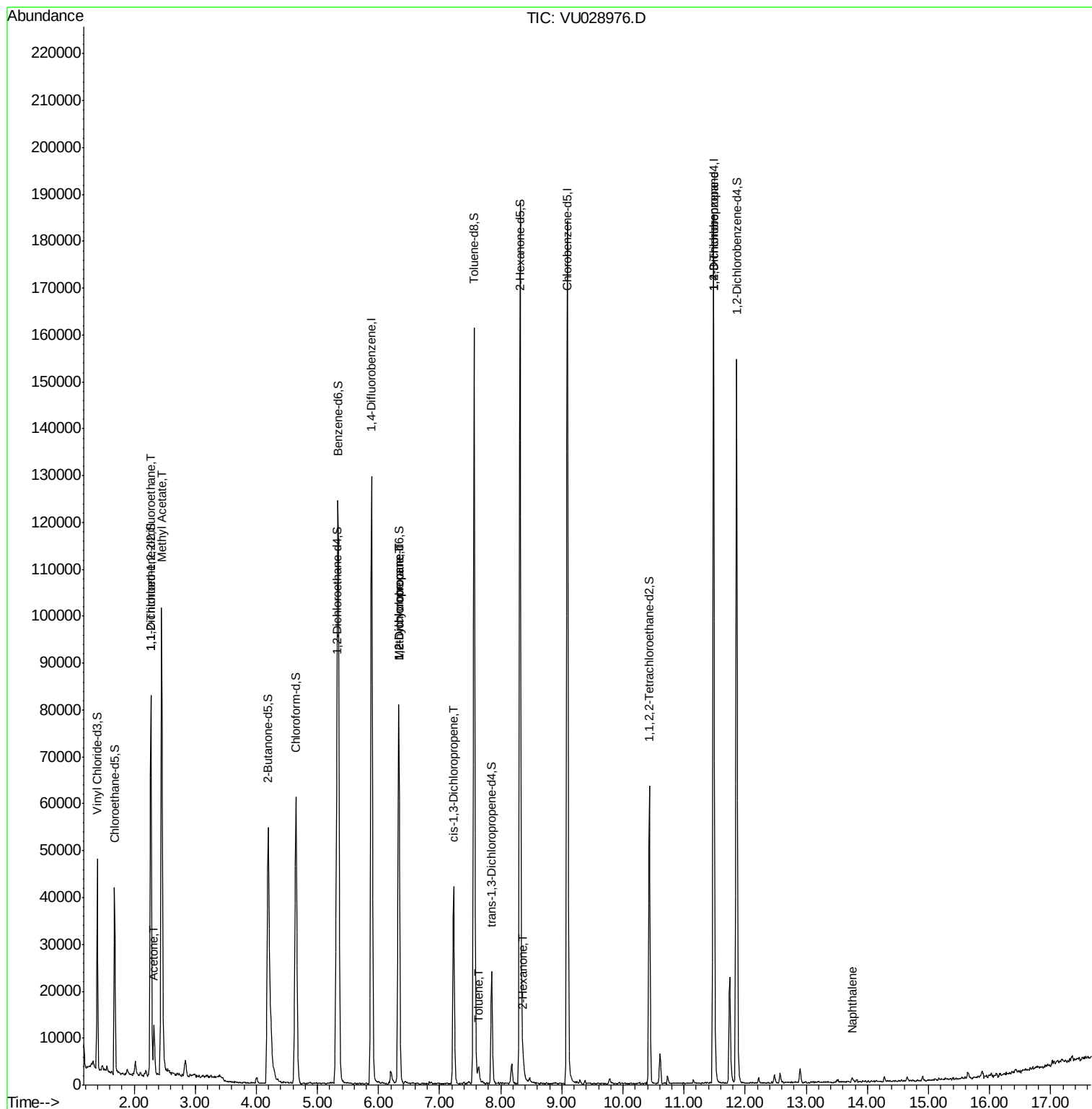
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	431	0.050	ug/L #	19
13) Acetone	2.32	43	10147	7.746	ug/L	99
15) Methyl Acetate	2.45	43	21812	5.682	ug/L #	49
35) Methylcyclohexane	6.33	83	9417	0.605	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	4141	0.459	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	908	0.070	ug/L #	35
42) Toluene	7.64	91	2466	0.065	ug/L	97
48) 2-Hexanone	8.38	43	1581	0.476	ug/L #	58
59) 1,2,3-Trichloropropane	11.48	75	5923	1.125	ug/L	96
69) Naphthalene	13.75	128	1394	0.072	ug/L #	77

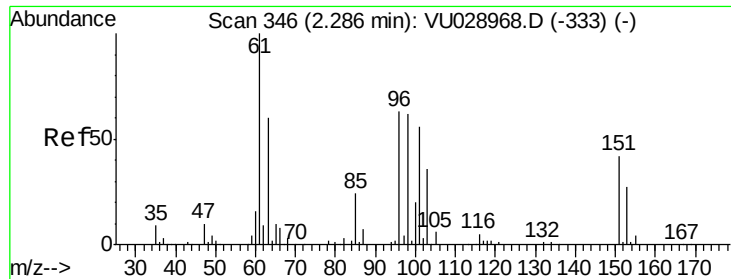
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.050 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028976.D

Acq: 27 Dec 2018 20:16

Instrument :

MSVOA_U

ClientSampleId :

BF030

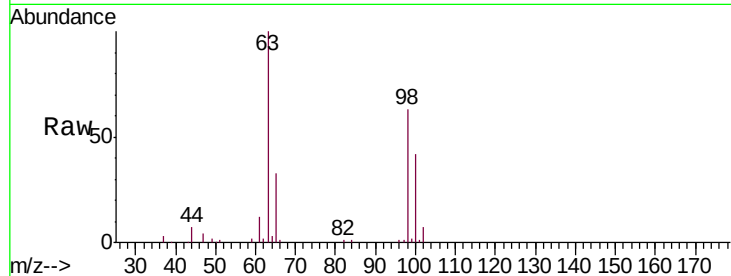
Tgt Ion:101 Resp: 431

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

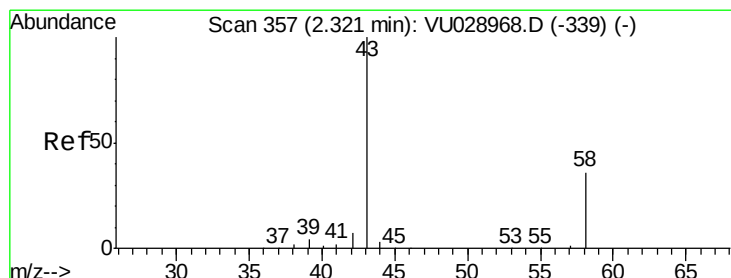
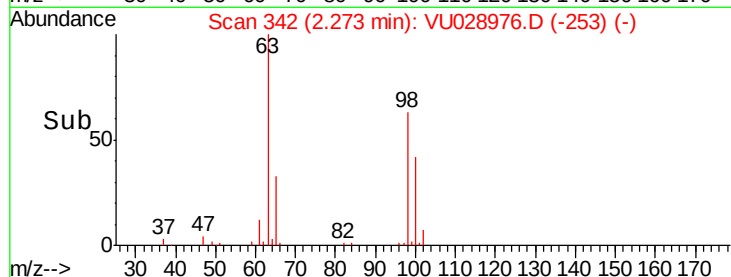
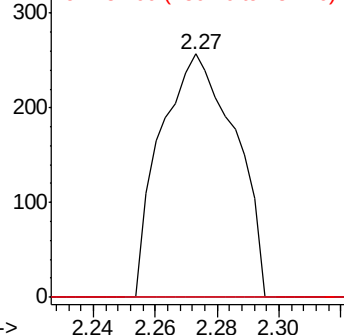
151 0.0 60.9 91.3#



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: 7.746 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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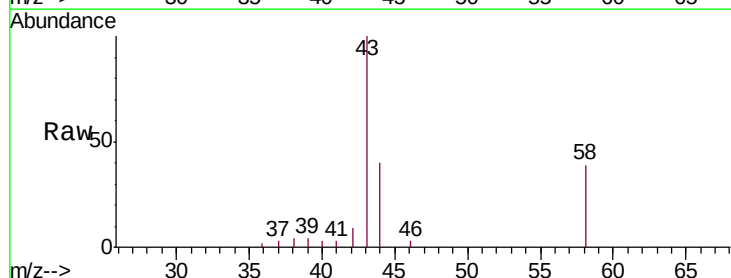
Acq: 27 Dec 2018 20:16

Tgt Ion: 43 Resp: 10147

Ion Ratio Lower Upper

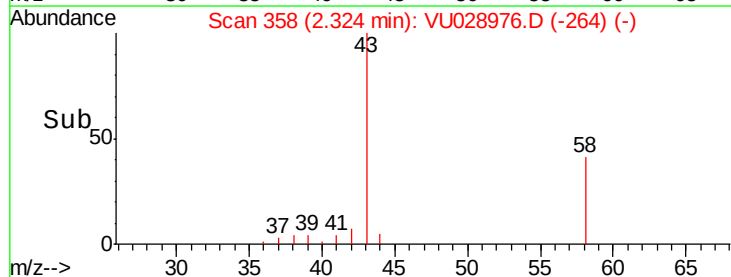
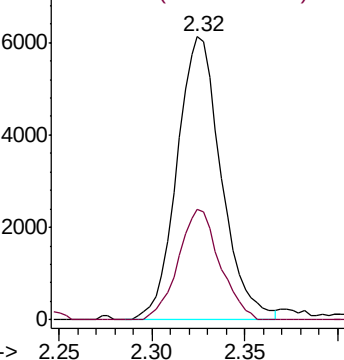
43 100

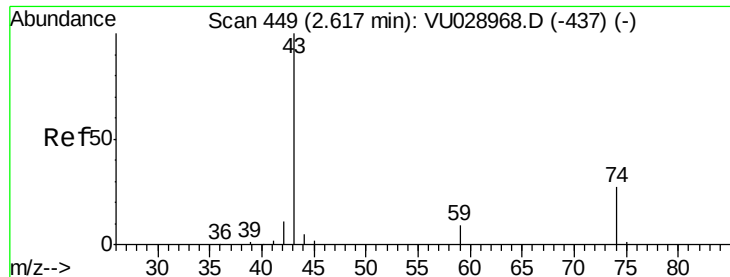
58 36.6 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

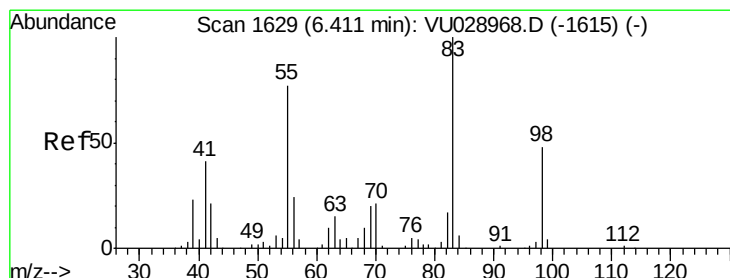
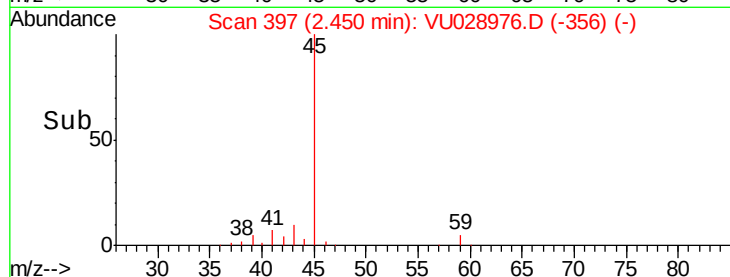
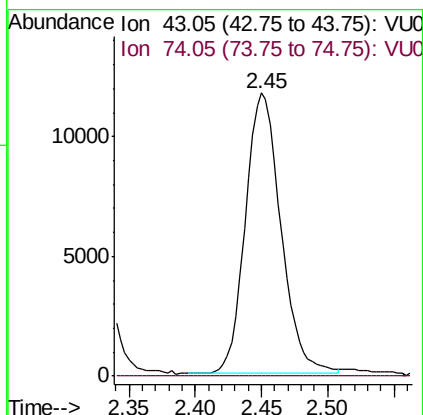
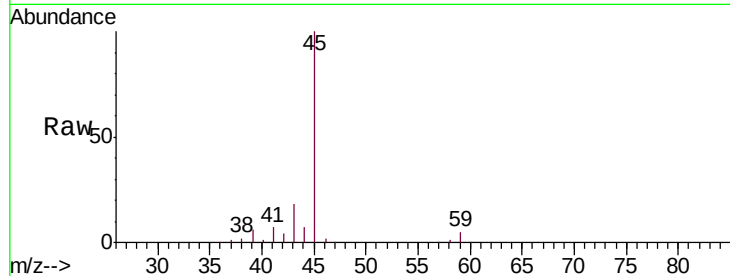




#15
Methyl Acetate
Concen: 5.682 ug/L
RT: 2.45 min Scan# 397
Delta R.T. -0.17 min
Lab File: VU028976.D
Acq: 27 Dec 2018 20:16

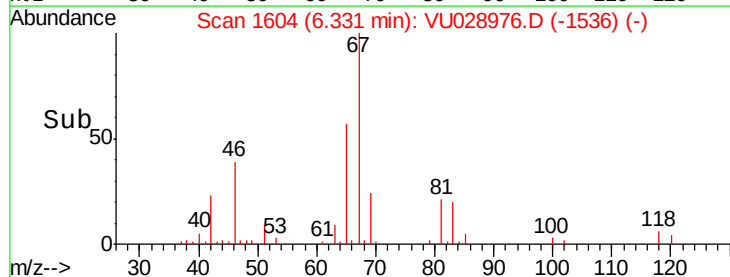
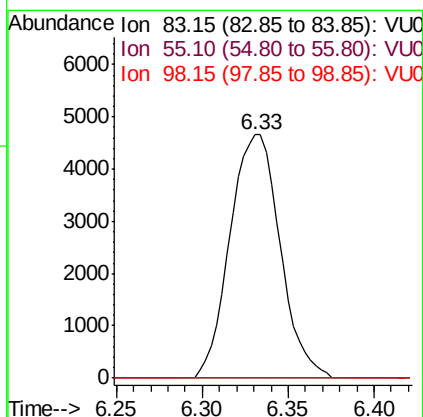
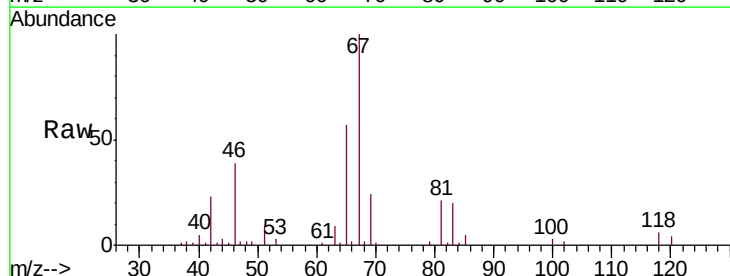
Instrument :
MSVOA_U
ClientSampled :
BF030

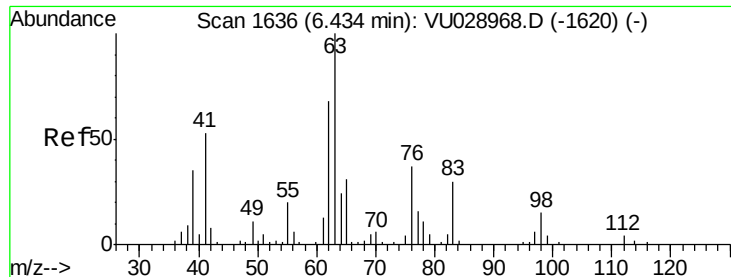
Tgt Ion: 43 Resp: 21812
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



#35
Methylcyclohexane
Concen: 0.605 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028976.D
Acq: 27 Dec 2018 20:16

Tgt Ion: 83 Resp: 9417
Ion Ratio Lower Upper
83 100
55 1.1 59.8 89.6#
98 0.0 37.0 55.6#

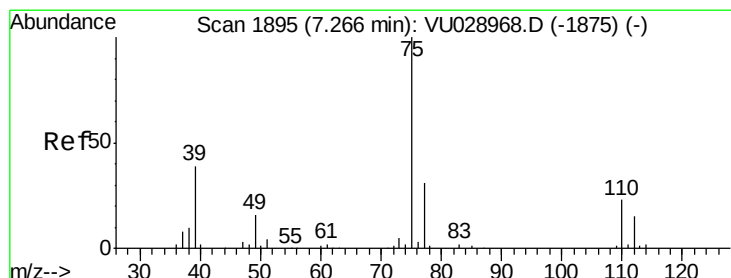
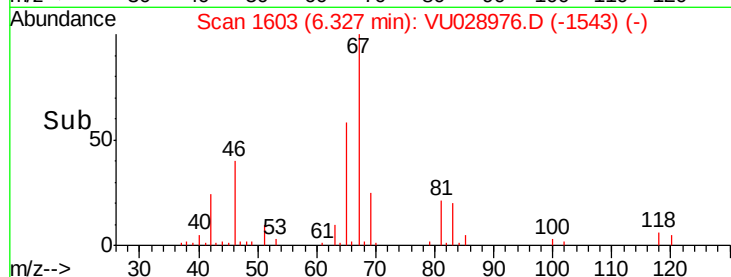
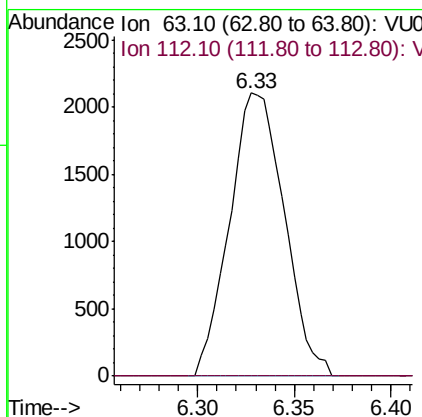
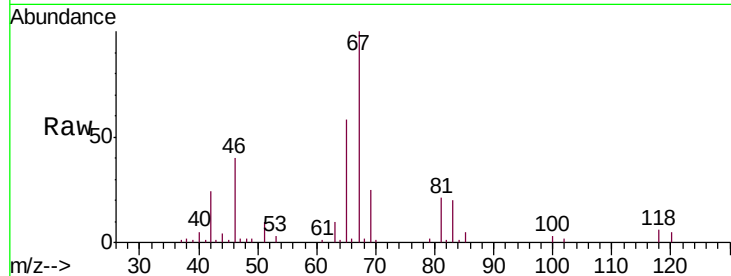




#37
 1,2-Dichloropropane
 Concen: 0.459 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.11 min
 Lab File: VU028976.D
 Acq: 27 Dec 2018 20:16

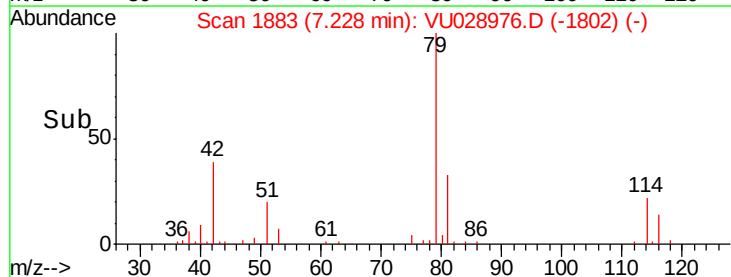
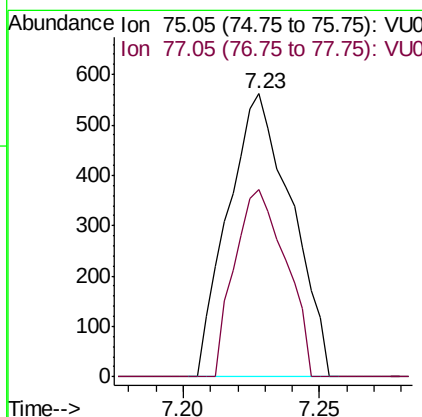
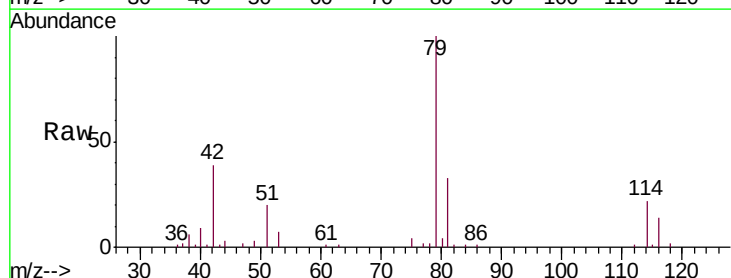
Instrument :
 MSVOA_U
 ClientSampleId :
 BF030

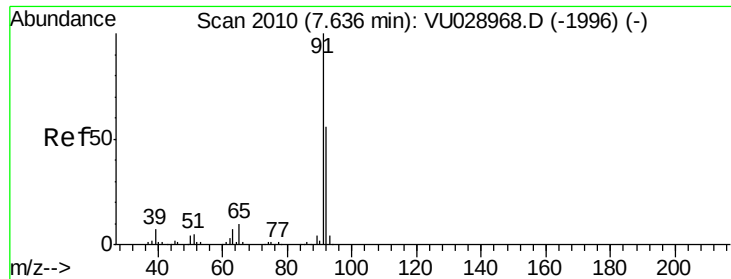
Tgt Ion: 63 Resp: 4141
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028976.D
 Acq: 27 Dec 2018 20:16

Tgt Ion: 75 Resp: 908
 Ion Ratio Lower Upper
 75 100
 77 66.2 21.5 39.9#





#42

Toluene

Concen: 0.065 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU028976.D

Acq: 27 Dec 2018 20:16

Instrument :

MSVOA_U

ClientSampleId :

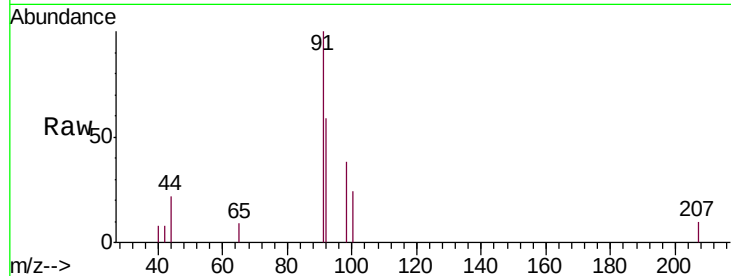
BF030

Tgt Ion: 91 Resp: 2466

Ion Ratio Lower Upper

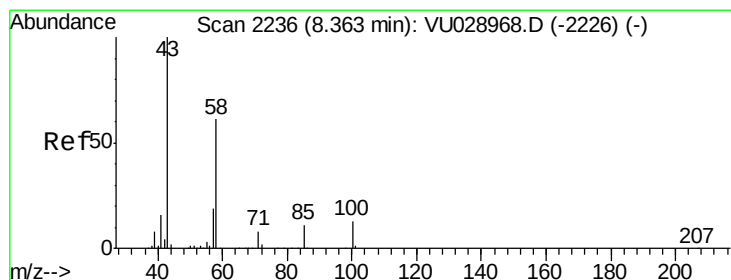
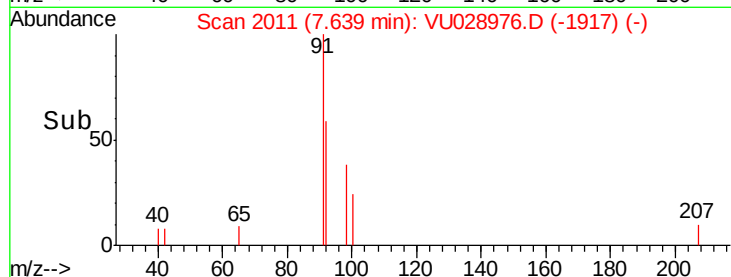
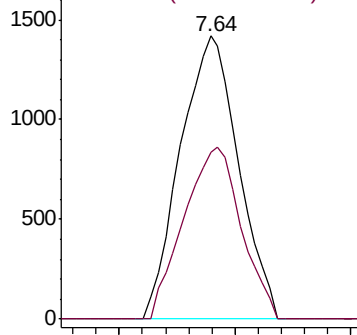
91 100

92 58.7 39.3 73.1



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#48

2-Hexanone

Concen: 0.476 ug/L

RT: 8.38 min Scan# 2240

Delta R.T. 0.01 min

Lab File: VU028976.D

Acq: 27 Dec 2018 20:16

Tgt Ion: 43 Resp: 1581

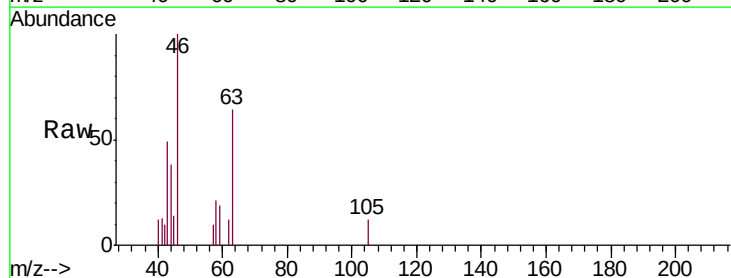
Ion Ratio Lower Upper

43 100

58 22.1 48.8 73.2#

57 10.3 16.0 24.0#

100 0.0 10.2 15.4#

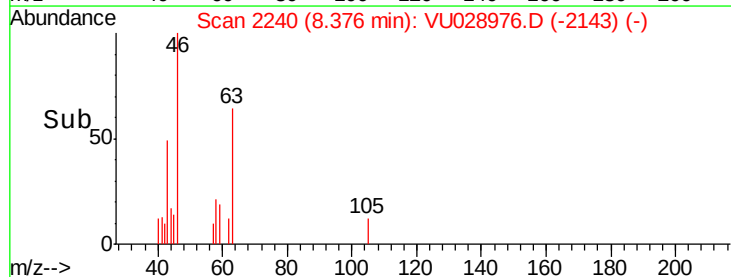
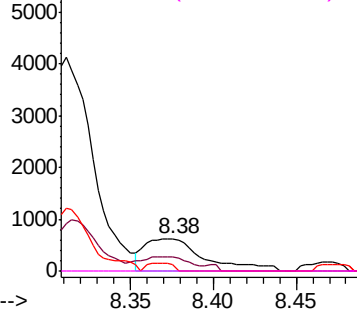


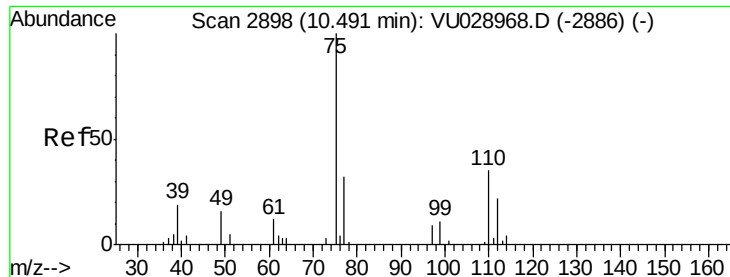
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

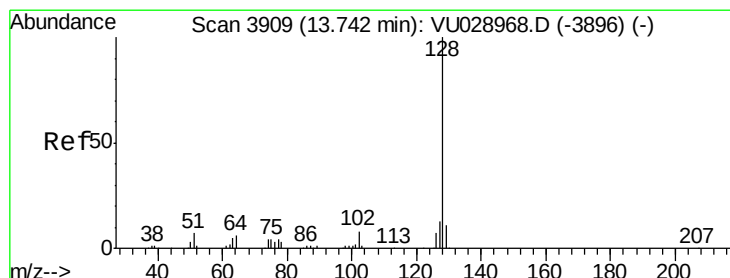
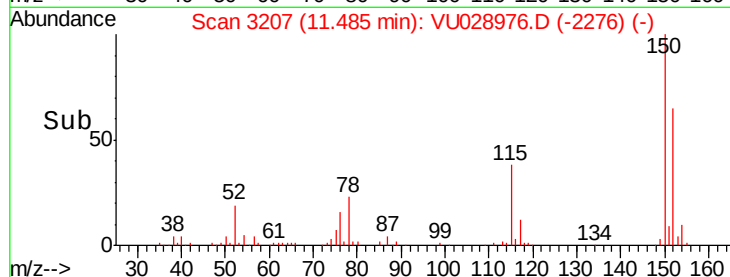
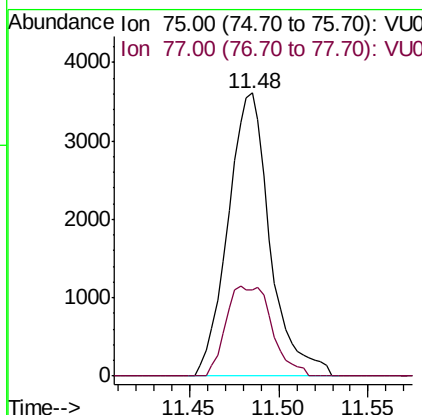
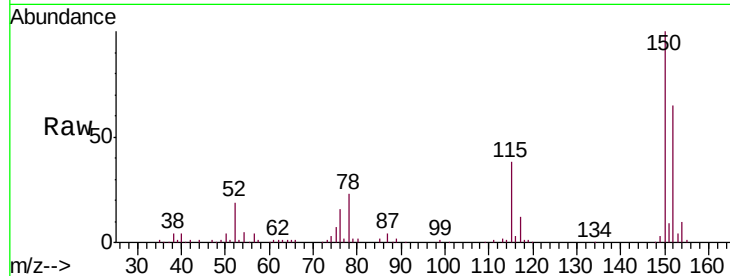




#59
 1,2,3-Trichloropropane
 Concen: 1.125 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU028976.D
 Acq: 27 Dec 2018 20:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BF030

Tgt Ion: 75 Resp: 5923
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.0 39.0



#69
 Naphthalene
 Concen: 0.072 ug/L
 RT: 13.75 min Scan# 3913
 Delta R.T. 0.01 min
 Lab File: VU028976.D
 Acq: 27 Dec 2018 20:16

Tgt Ion: 128 Resp: 1394
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.3 12.5#
 127 4.9 9.8 14.6#

