

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031328.D
 Acq On : 18 Apr 2019 23:49
 Operator : JC/SP
 Sample : K2451-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAN06

Quant Time: Apr 19 04:44:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 04:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	176541	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	183633	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91986	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.68	69	80879	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.27	63	142968	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.20	46	283282	74.45	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.90%#
24) Chloroform-d	4.64	84	155913	6.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.60%#
26) 1,2-Dichloroethane-d4	5.31	65	74559	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.34	84	245578	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	84797	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.56	98	195656	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.85	79	28712	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.31	63	139403	46.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69748	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	74236	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

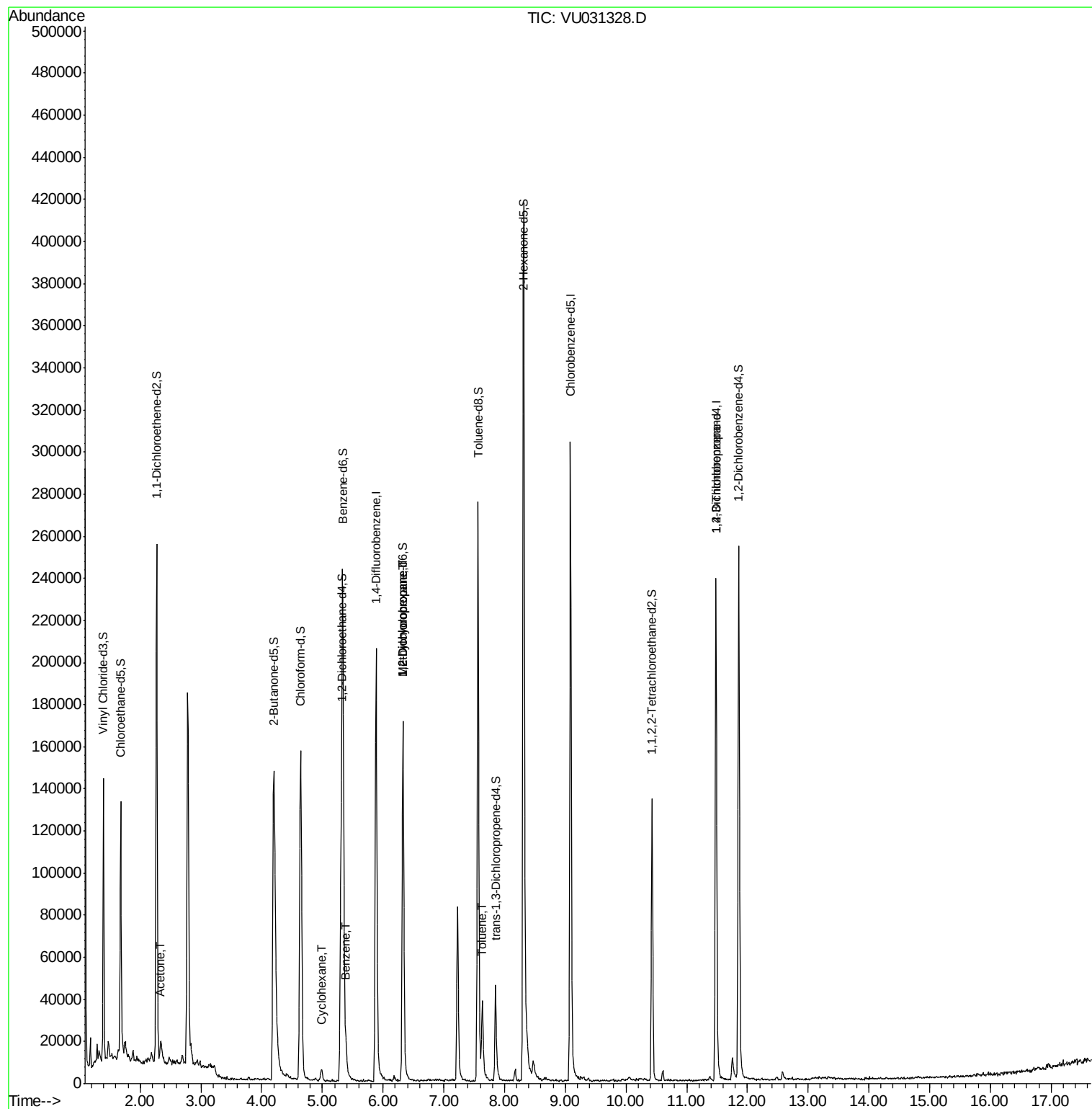
					Qvalue
13) Acetone	2.34	43	8350	1.973 ug/L	95
30) Cyclohexane	4.99	56	2776	0.110 ug/L #	93
33) Benzene	5.39	78	14724	0.236 ug/L	100
35) Methylcyclohexane	6.32	83	19491	0.840 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	9300	0.566 ug/L #	88
42) Toluene	7.63	91	26763	0.426 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	7690	0.717 ug/L #	86

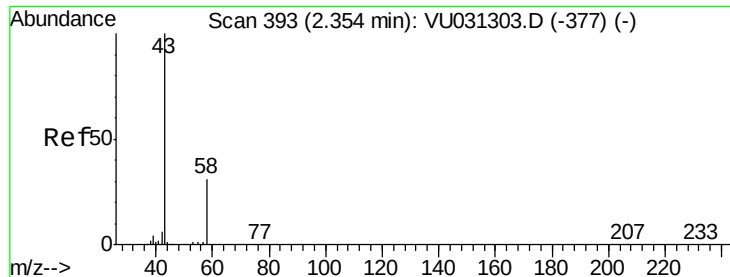
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.973 ug/L

RT: 2.34 min Scan# 390

Delta R.T. -0.01 min

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ClientSampleId :

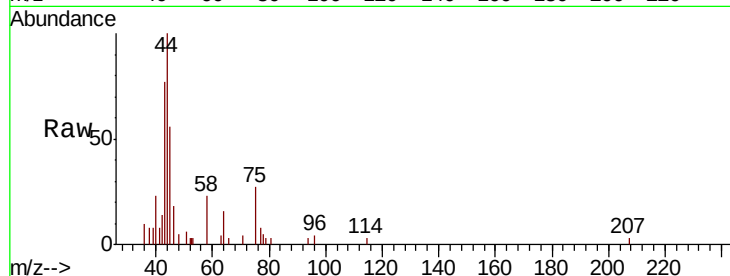
YAN06

Tgt Ion: 43 Resp: 8350

Ion Ratio Lower Upper

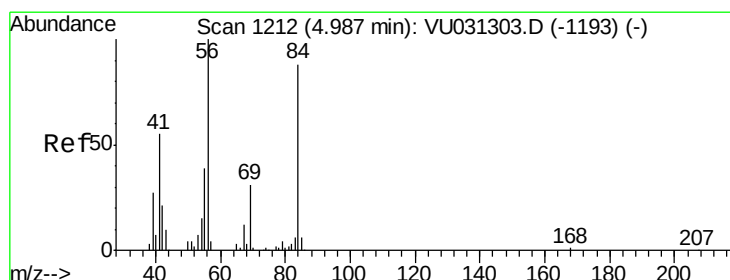
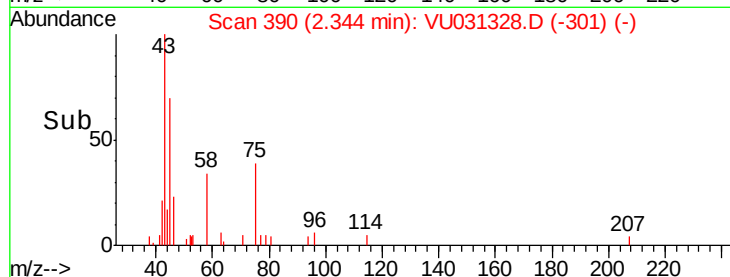
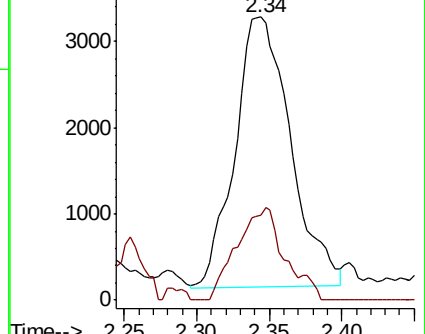
43 100

58 29.5 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#30

Cyclohexane

Concen: 0.110 ug/L

RT: 4.99 min Scan# 1213

Delta R.T. 0.00 min

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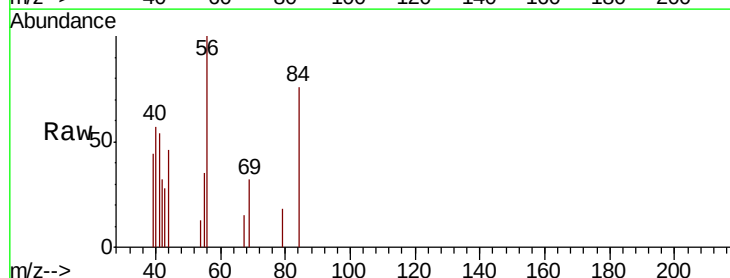
Tgt Ion: 56 Resp: 2776

Ion Ratio Lower Upper

56 100

69 16.8 23.3 34.9#

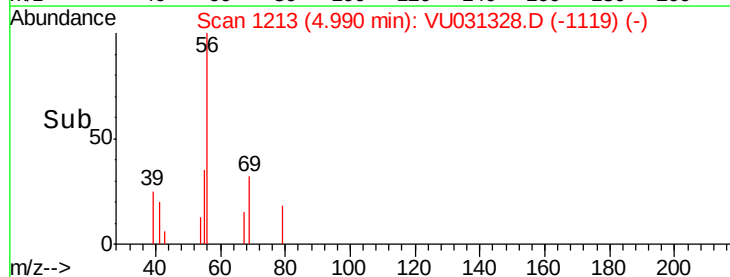
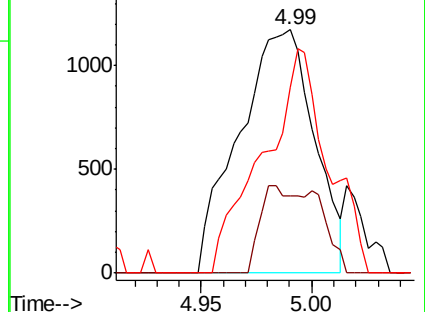
84 79.3 62.6 94.0

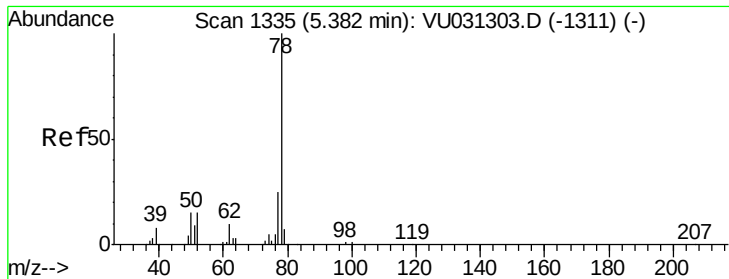


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#33

Benzene

Concen: 0.236 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU031328.D

Acq: 18 Apr 2019 23:49

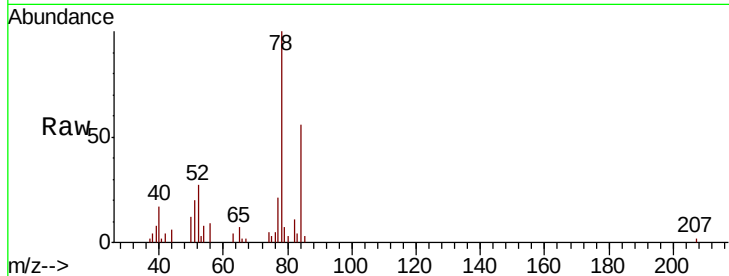
Instrument :

MSVOA_U

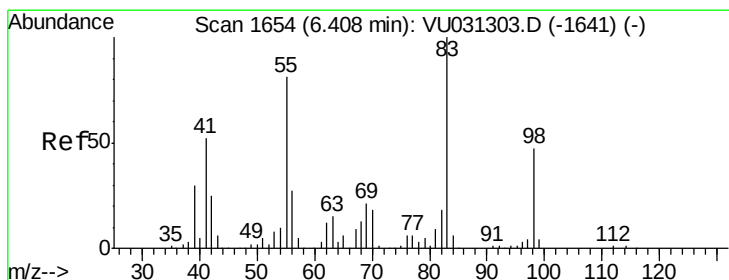
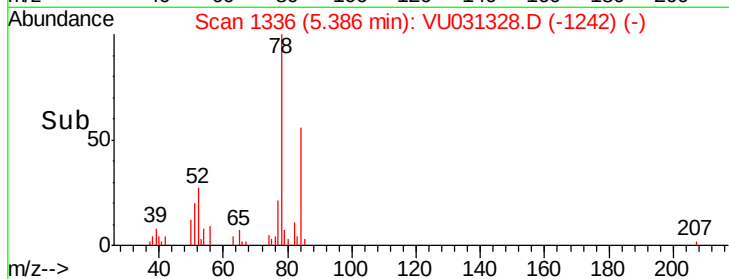
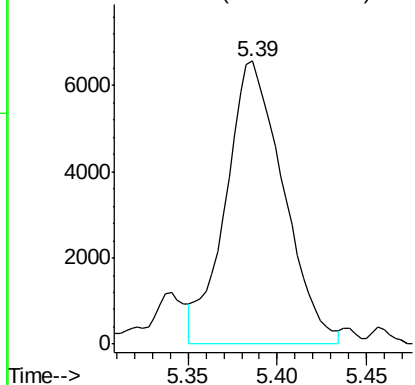
ClientSampled :

YAN06

Tgt Ion: 78 Resp: 14724



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.840 ug/L

RT: 6.32 min Scan# 1628

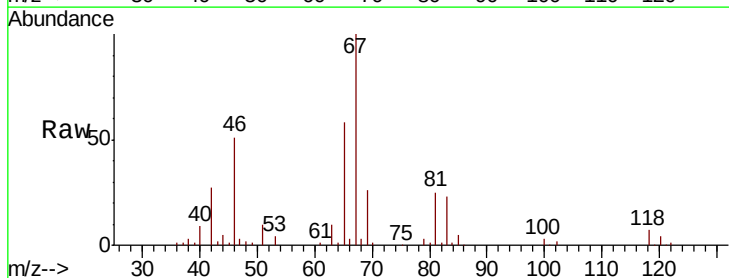
Delta R.T. -0.08 min

Lab File: VU031328.D

Acq: 18 Apr 2019 23:49

Tgt Ion: 83 Resp: 19491

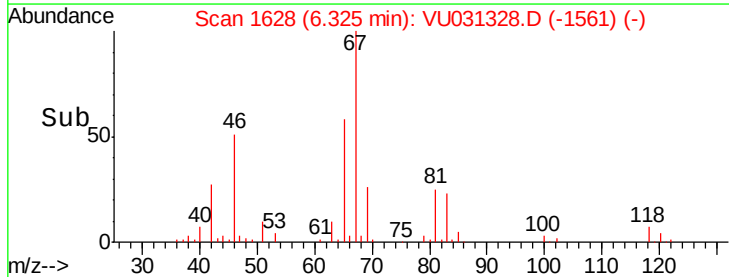
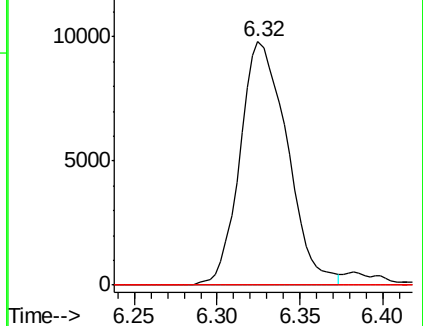
Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.6	105.8#
98	0.3	37.0	55.4#

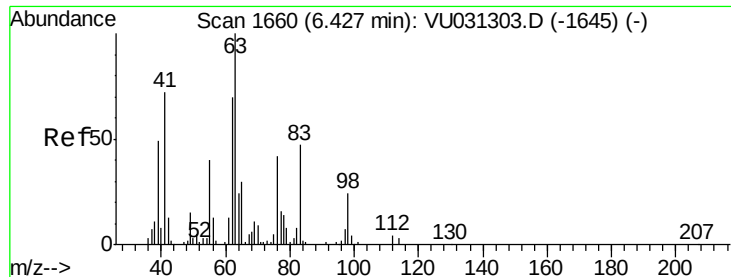


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

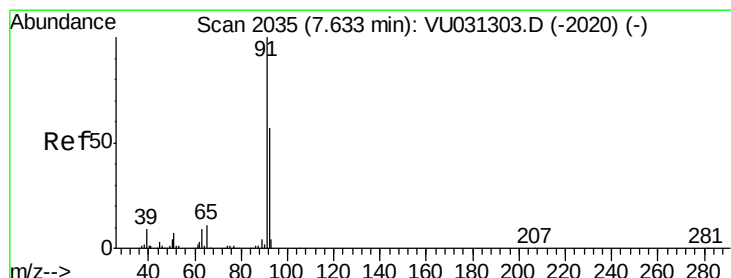
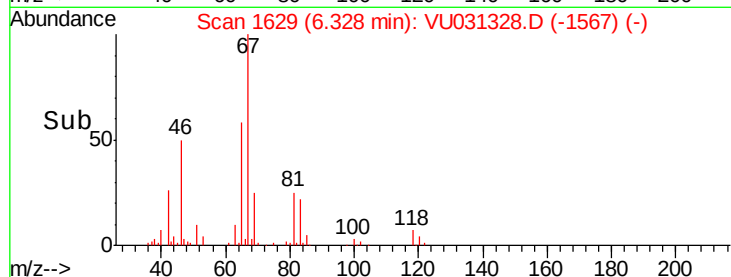
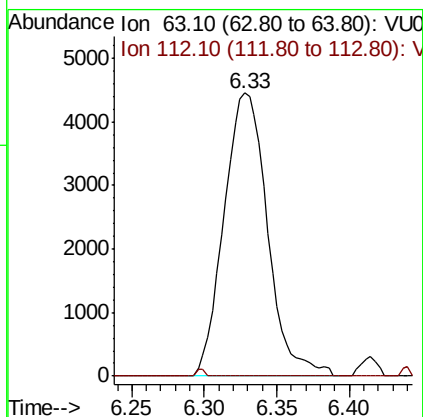
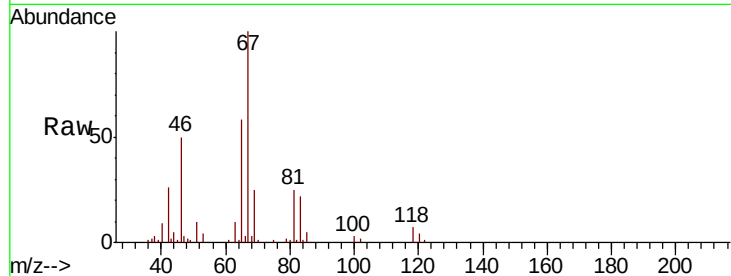




#37
 1,2-Dichloropropane
 Concen: 0.566 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031328.D
 Acq: 18 Apr 2019 23:49

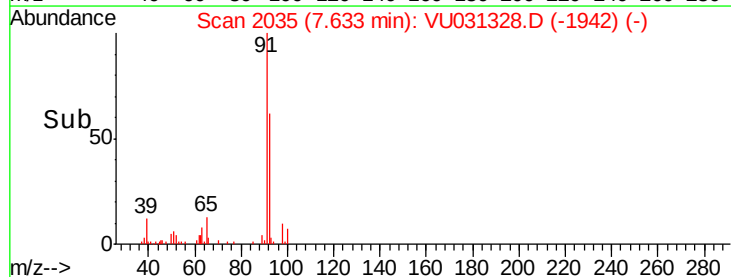
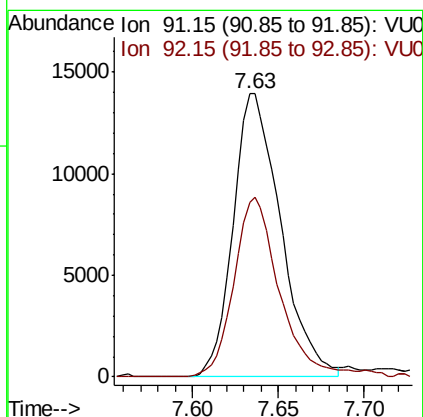
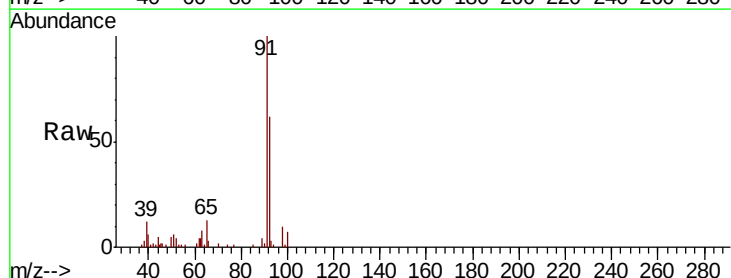
Instrument :
 MSVOA_U
 ClientSampleId :
 YAN06

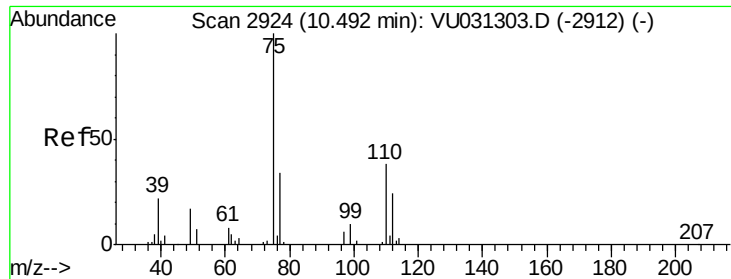
Tgt Ion: 63 Resp: 9300
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.5 5.3#



#42
 Toluene
 Concen: 0.426 ug/L
 RT: 7.63 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU031328.D
 Acq: 18 Apr 2019 23:49

Tgt Ion: 91 Resp: 26763
 Ion Ratio Lower Upper
 91 100
 92 61.6 39.5 73.3





#59

1,2,3-Trichloropropane

Concen: 0.717 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031328.D

Acq: 18 Apr 2019 23:49

Instrument :

MSVOA_U

ClientSampleId :

YAN06

Tgt Ion: 75 Resp: 7690

Ion Ratio Lower Upper

75 100

77 41.6 27.0 40.6#

