

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031323.D
 Acq On : 18 Apr 2019 21:46
 Operator : JC/SP
 Sample : K2428-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XF3

Quant Time: Apr 19 04:43:30 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	180743	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	182088	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69398	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	93405	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.68	69	84745	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.27	63	147454	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.21	46	196452	50.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.86%
24) Chloroform-d	4.64	84	126838	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.31	65	71806	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.33	84	242820	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.33	67	82173	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.56	98	199115	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.86	79	27158	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.31	63	140387	47.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	67946	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	87403	6.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.20%#

Target Compounds

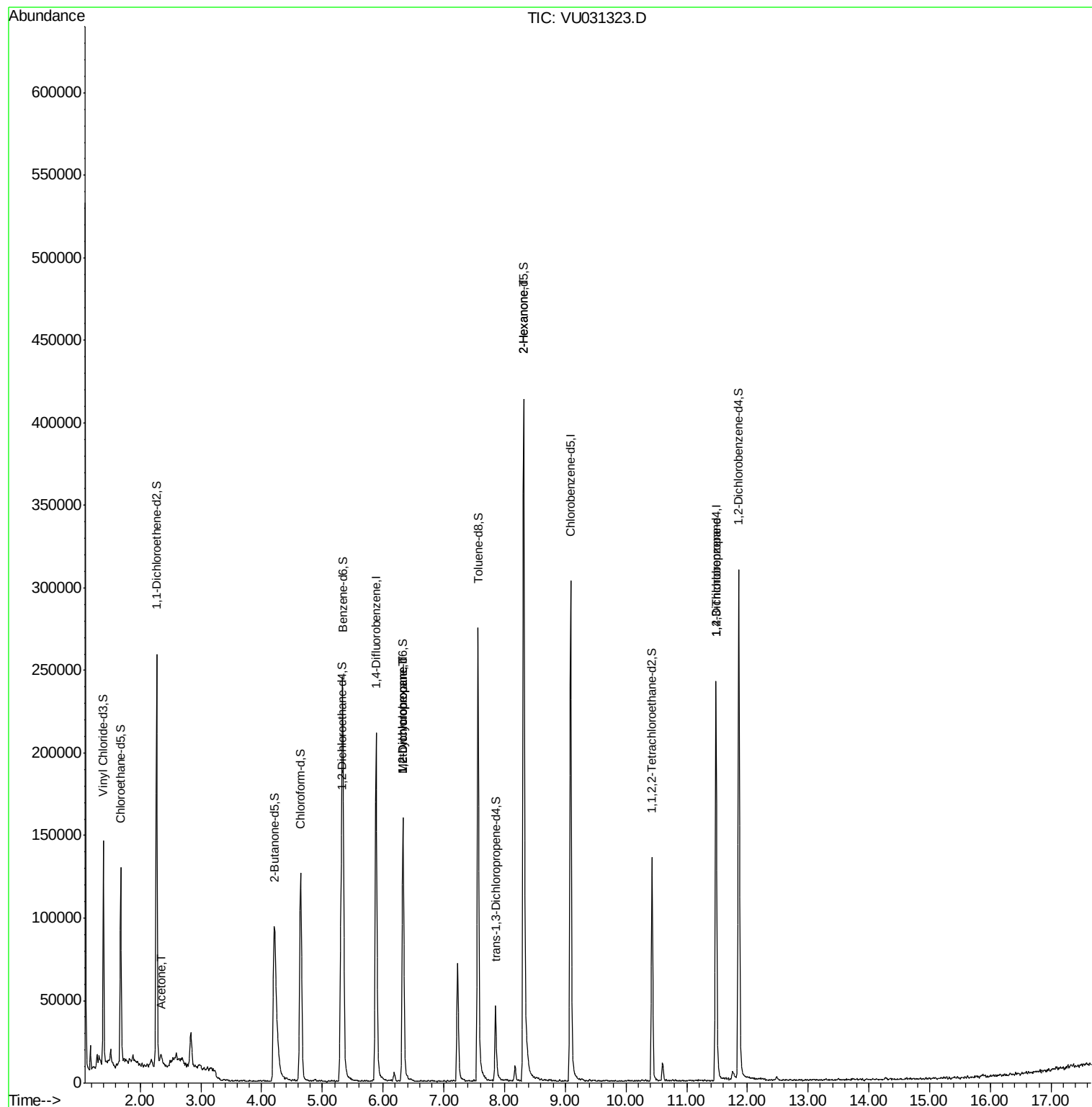
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.35	43	6624	1.528	ug/L	63
35) Methylcyclohexane	6.33	83	18365	0.798	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8740	0.536	ug/L #	87
48) 2-Hexanone	8.31	43	18384	2.476	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	6799	0.639	ug/L #	83

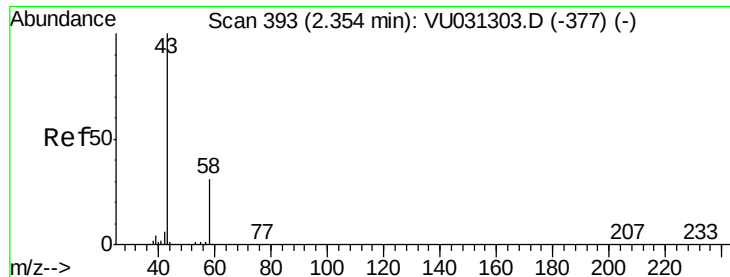
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.528 ug/L

RT: 2.35 min Scan# 391

Delta R.T. -0.01 min

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Acq: 18 Apr 2019 21:46

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MSVOA_U

ClientSampleId :

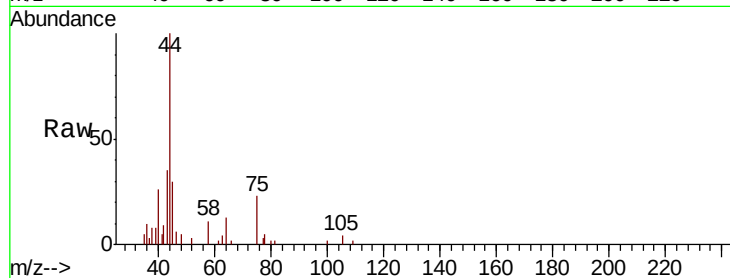
C0XF3

Tgt Ion: 43 Resp: 6624

Ion Ratio Lower Upper

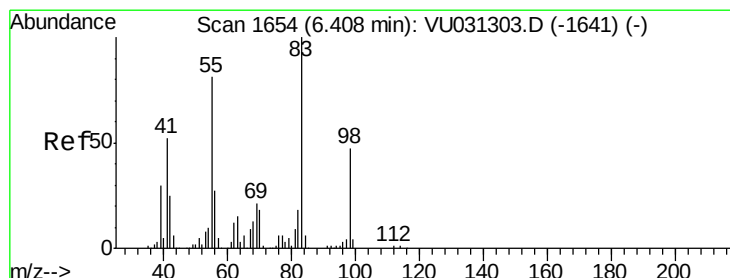
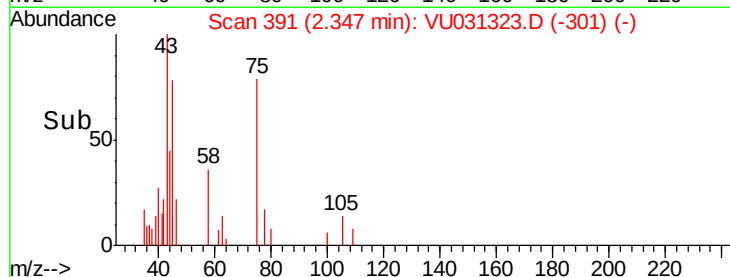
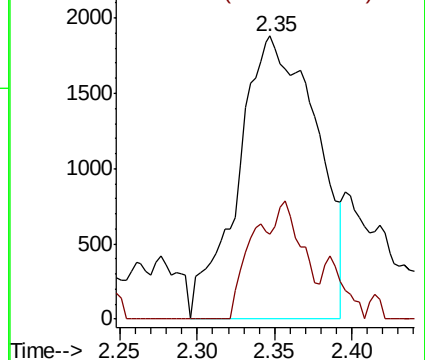
43 100

58 11.3 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#35

Methylcyclohexane

Concen: 0.798 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031323.D

Acq: 18 Apr 2019 21:46

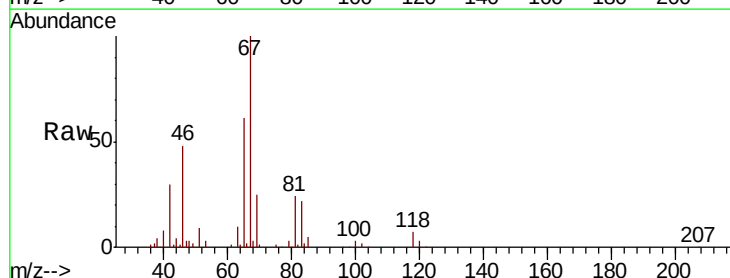
Tgt Ion: 83 Resp: 18365

Ion Ratio Lower Upper

83 100

55 0.0 70.6 105.8#

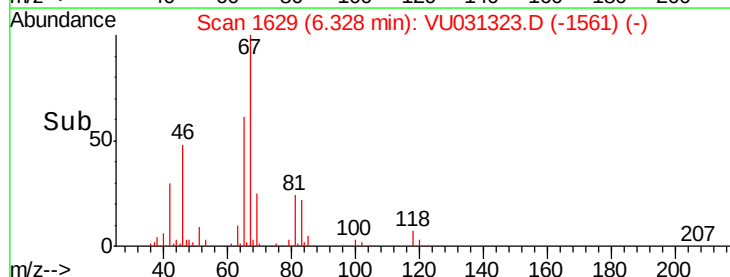
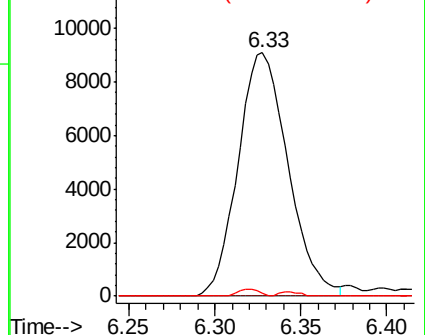
98 1.2 37.0 55.4#

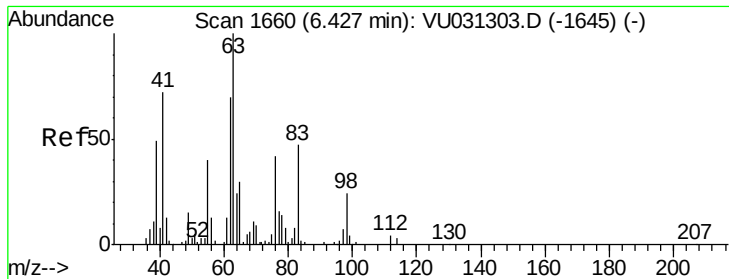


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

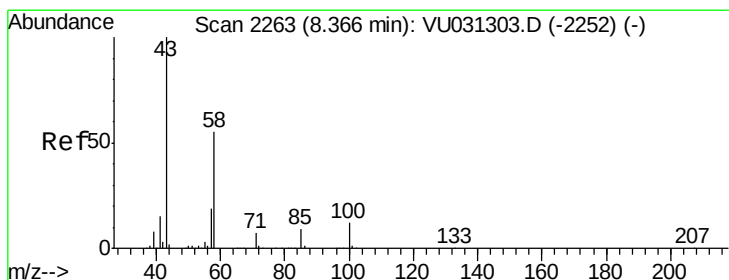
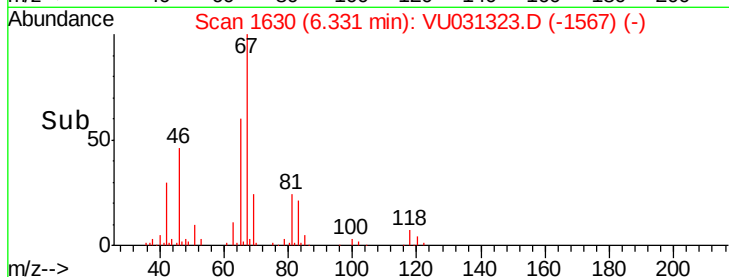
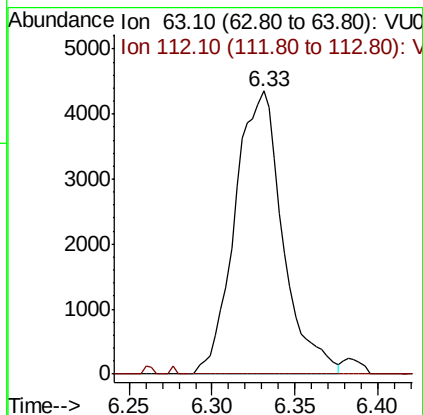
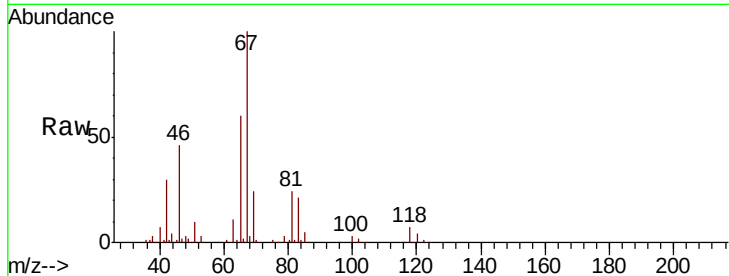




#37
 1,2-Dichloropropane
 Concen: 0.536 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU031323.D
 Acq: 18 Apr 2019 21:46

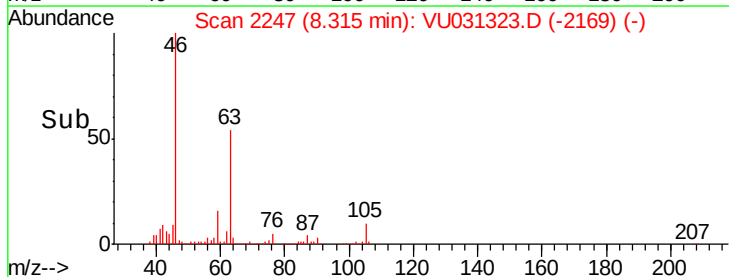
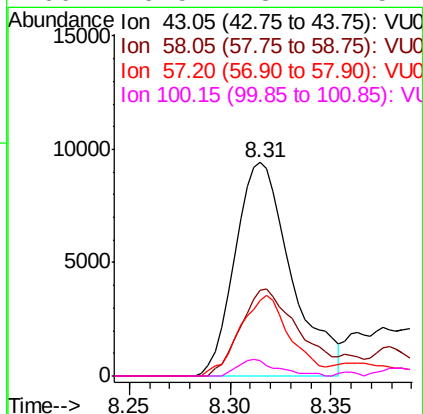
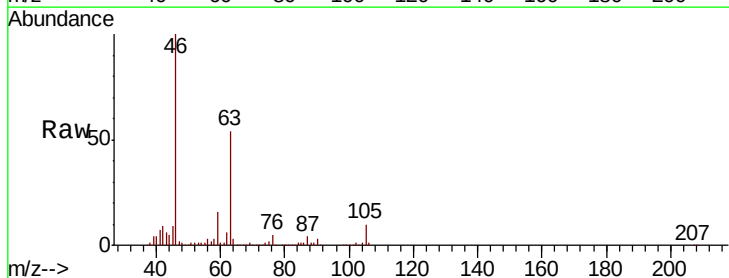
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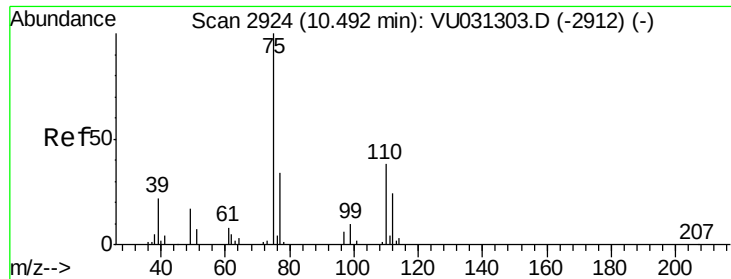
Tgt Ion: 63 Resp: 8740
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.5 5.3#



#48
 2-Hexanone
 Concen: 2.476 ug/L
 RT: 8.31 min Scan# 2247
 Delta R.T. -0.05 min
 Lab File: VU031323.D
 Acq: 18 Apr 2019 21:46

Tgt Ion: 43 Resp: 18384
 Ion Ratio Lower Upper
 43 100
 58 42.5 45.0 67.6#
 57 33.7 15.5 23.3#
 100 5.5 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 0.639 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031323.D

Acq: 18 Apr 2019 21:46

Instrument :

MSVOA_U

ClientSampleId :

C0XF3

Tgt Ion: 75 Resp: 6799

Ion Ratio Lower Upper

75 100

77 43.8 27.0 40.6#

