

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031309.D
 Acq On : 18 Apr 2019 16:05
 Operator : JC/SP
 Sample : K2428-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XF9

Quant Time: Apr 19 04:41:53 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	196314	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	194473	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86975	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	100891	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.68	69	80596	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.27	63	156057	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.20	46	205039	48.46	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	4.64	84	134143	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.31	65	78290	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.34	84	257656	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.33	67	85380	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.56	98	216363	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.85	79	34183	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.31	63	145059	45.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	68417	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	79077	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

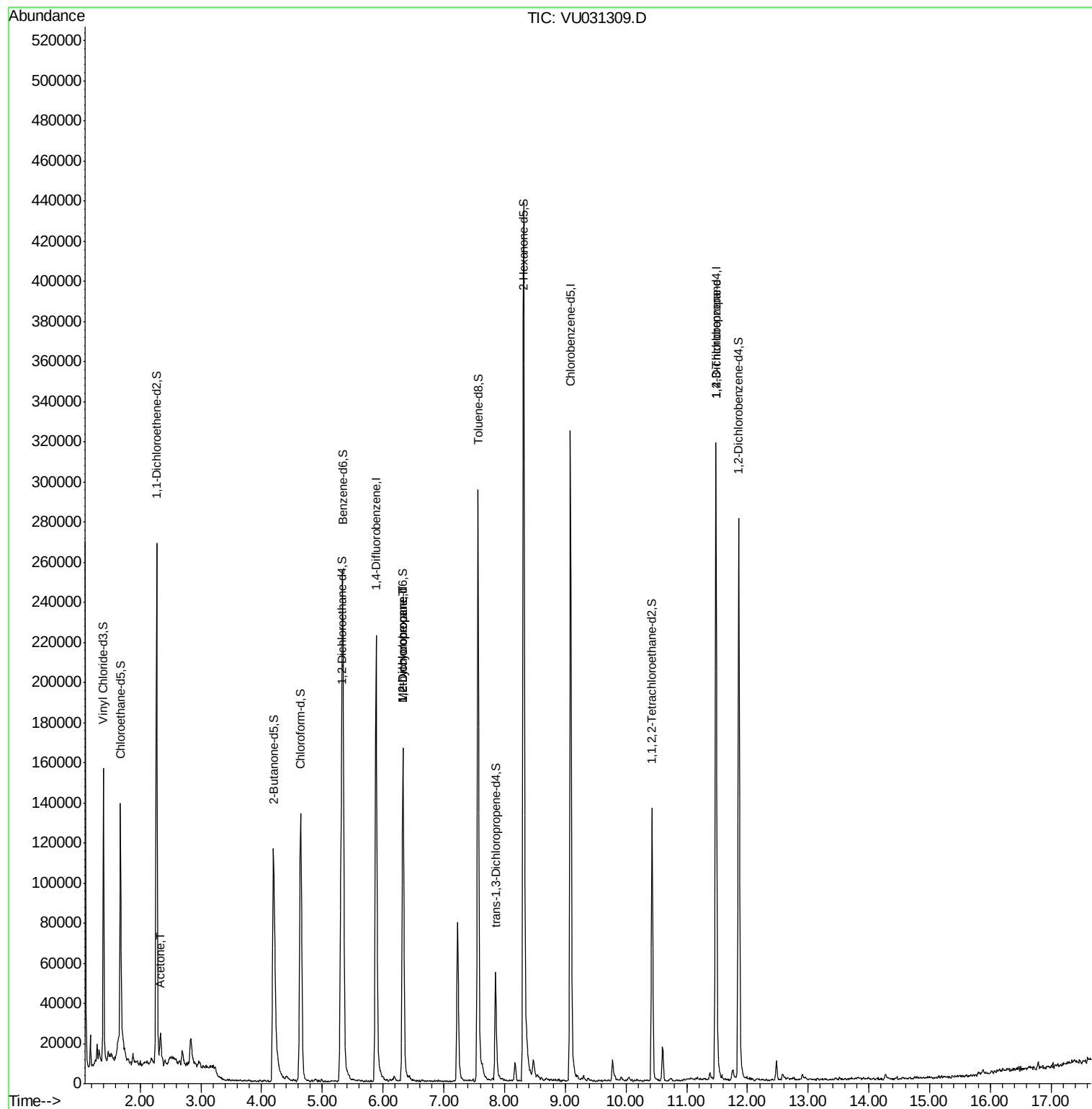
					Qvalue
13) Acetone	2.33	43	12662	2.690 ug/L	97
35) Methylcyclohexane	6.33	83	20496	0.834 ug/L #	15
37) 1,2-Dichloropropane	6.32	63	8872	0.510 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	10136	0.893 ug/L	94

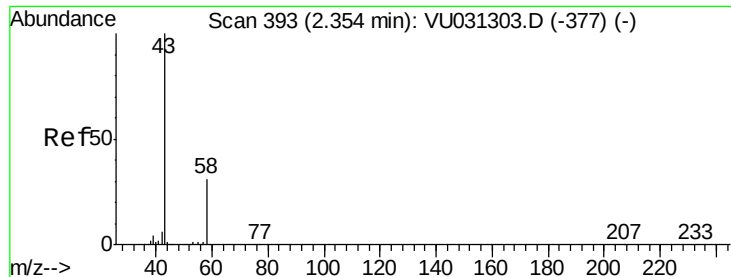
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.690 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.02 min

Lab File: VU031309.D

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MSVOA_U

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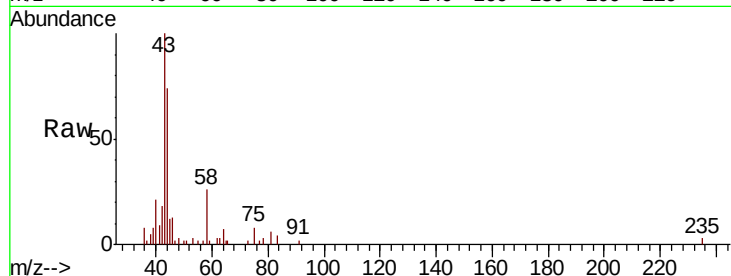
C0XF9

Tgt Ion: 43 Resp: 12662

Ion Ratio Lower Upper

43 100

58 30.5 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU031309.D (-387) (-)

Ion 58.05 (57.75 to 58.75): VU031309.D (-387) (-)

2.33

8000

6000

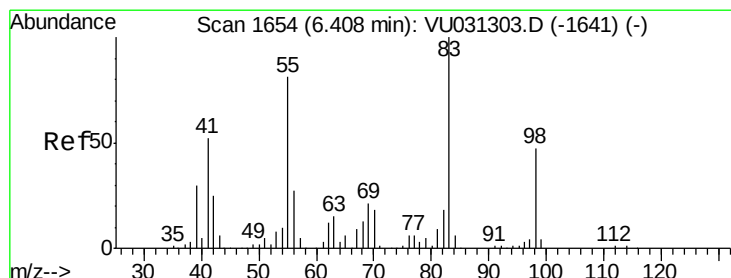
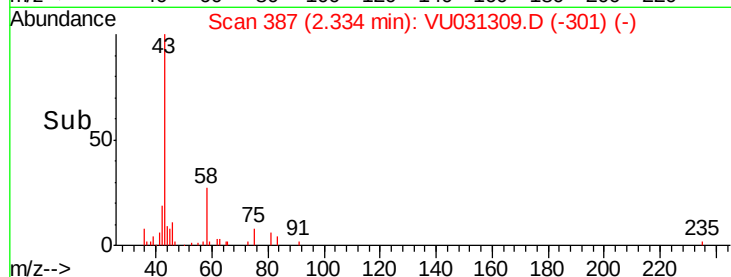
4000

2000

0

Time-->

2.30 2.35 2.40



#35

Methylcyclohexane

Concen: 0.834 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

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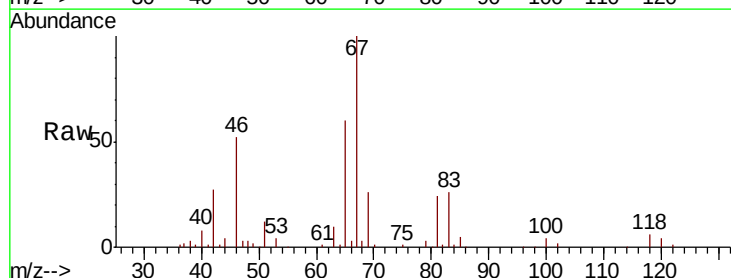
Tgt Ion: 83 Resp: 20496

Ion Ratio Lower Upper

83 100

55 0.6 70.6 105.8#

98 0.6 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VU031309.D (-1629) (-)

Ion 55.10 (54.80 to 55.80): VU031309.D (-1629) (-)

Ion 98.15 (97.85 to 98.85): VU031309.D (-1629) (-)

6.33

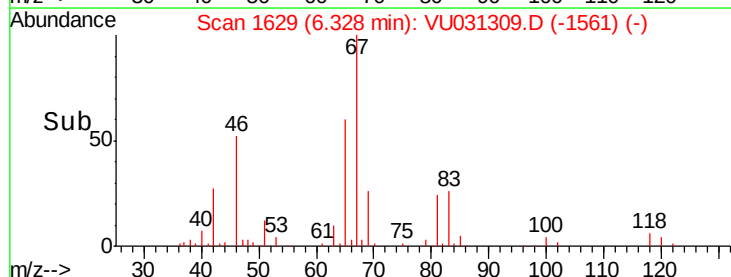
10000

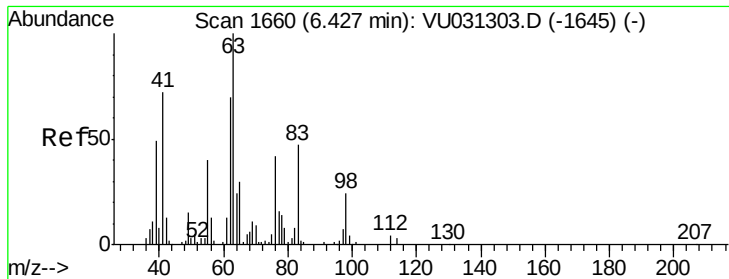
5000

0

Time-->

6.25 6.30 6.35 6.40

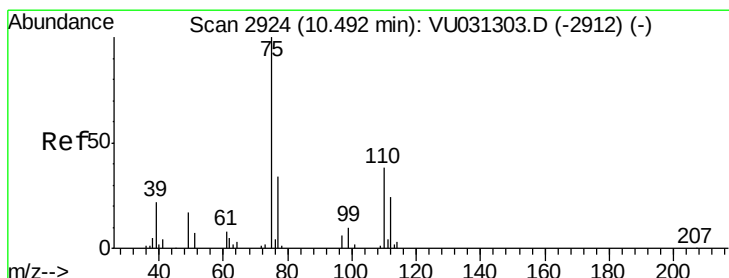
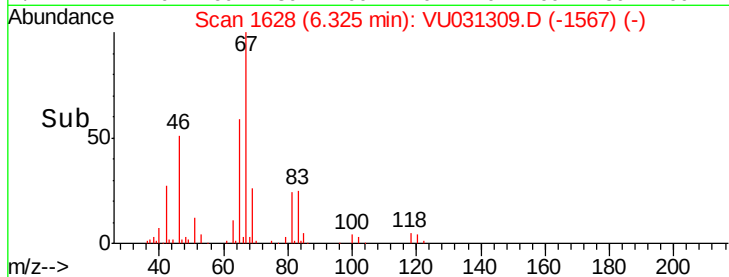
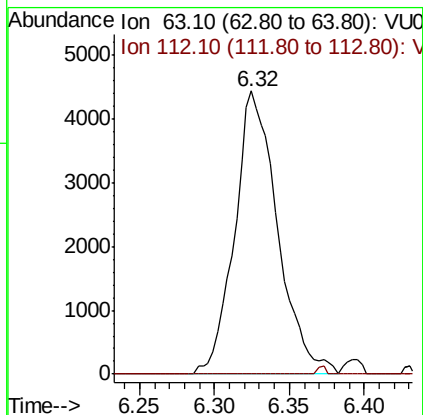
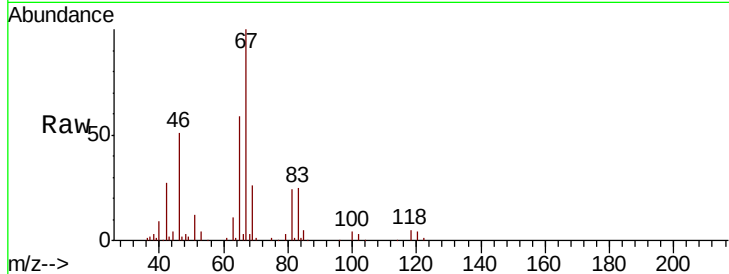




#37
 1,2-Dichloropropane
 Concen: 0.510 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
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Instrument :
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 ClientSampleId :
 C0XF9

Tgt Ion: 63 Resp: 8872
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.5 5.3#



#59
 1,2,3-Trichloropropane
 Concen: 0.893 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031309.D
 Acq: 18 Apr 2019 16:05

Tgt Ion: 75 Resp: 10136
 Ion Ratio Lower Upper
 75 100
 77 37.1 27.0 40.6

