

Data File : VU030508.D
Acq On : 28 Mar 2019 01:01
Operator : JC/SP
Sample : K2128-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A7

Quant Time: Mar 28 02:52:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	399612	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	386055	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148624	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	151104	46.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.98%
7) Chloroethane-d5	1.67	69	120907	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.86%
11) 1,1-Dichloroethene-d2	2.27	63	212574	34.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.68%
21) 2-Butanone-d5	4.17	46	282801	93.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.54%
24) Chloroform-d	4.65	84	253196	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
26) 1,2-Dichloroethane-d4	5.31	65	174381	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
32) Benzene-d6	5.34	84	514015	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
36) 1,2-Dichloropropane-d6	6.33	67	183769	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.04%
41) Toluene-d8	7.56	98	443613	44.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.24%
43) trans-1,3-Dichloropropene-	7.85	79	76851	43.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.30%
47) 2-Hexanone-d5	8.31	63	175946	85.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	243399	44.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	141358	47.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.94%

Target Compounds

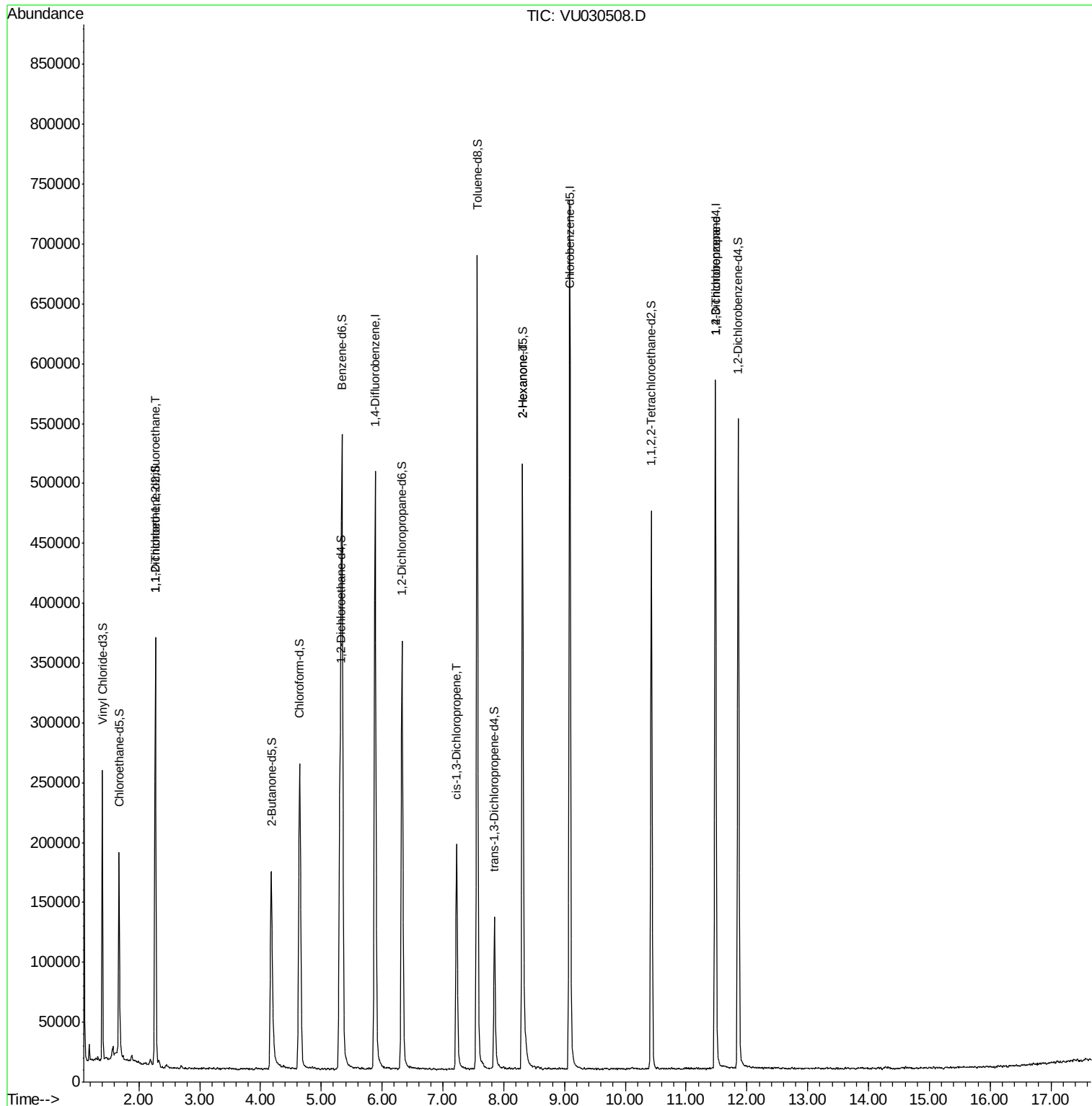
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1778	0.610 ug/L #	29
39) cis-1,3-Dichloropropene	7.22	75	4430	0.826 ug/L #	45
48) 2-Hexanone	8.31	43	21069	4.104 ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	20610	4.540 ug/L	93

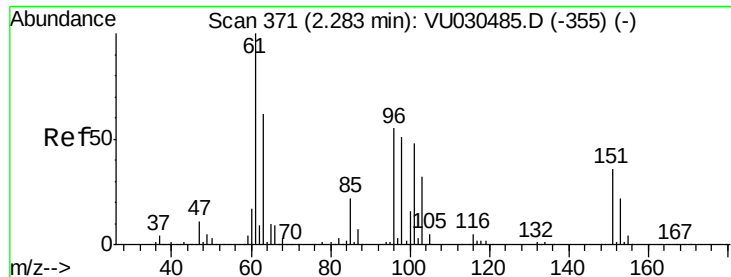
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.610 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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MSVOA_U

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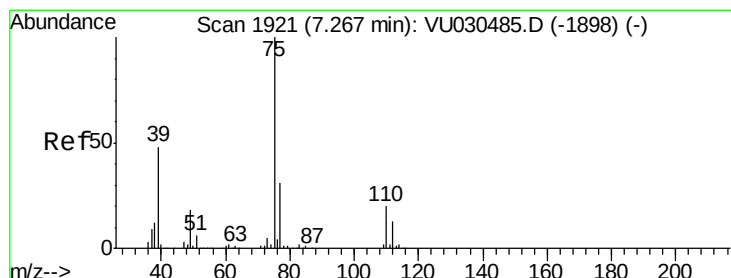
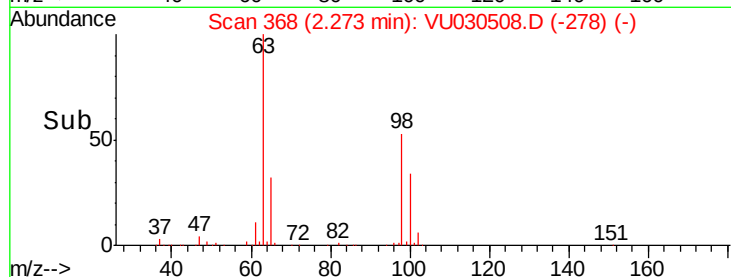
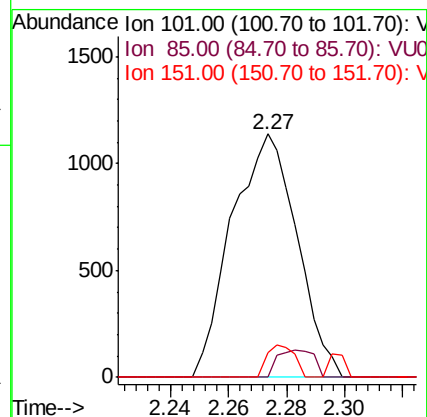
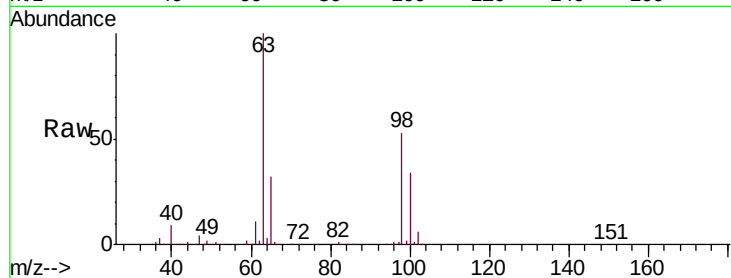
Tgt Ion: 101 Resp: 1778

Ion Ratio Lower Upper

101 100

85 6.2 34.8 52.2#

151 5.6 56.6 85.0#



#39

cis-1,3-Dichloropropene

Concen: 0.826 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

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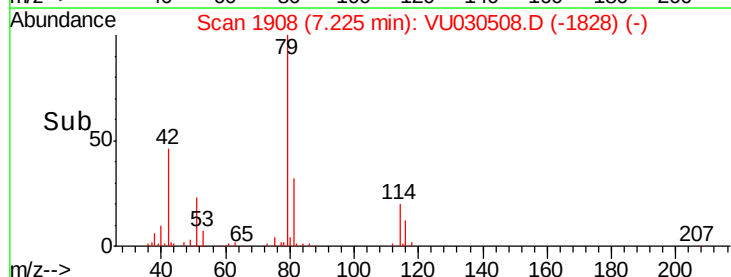
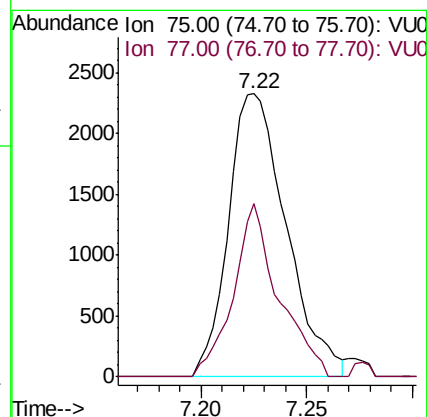
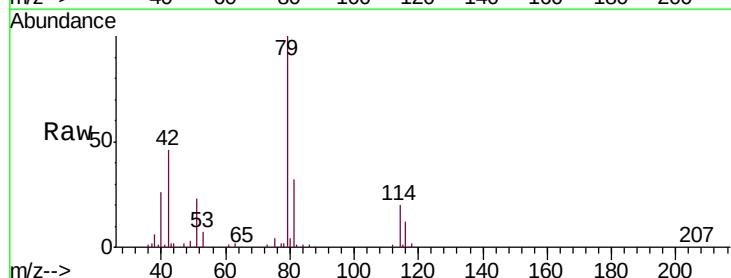
Acq: 28 Mar 2019 01:01

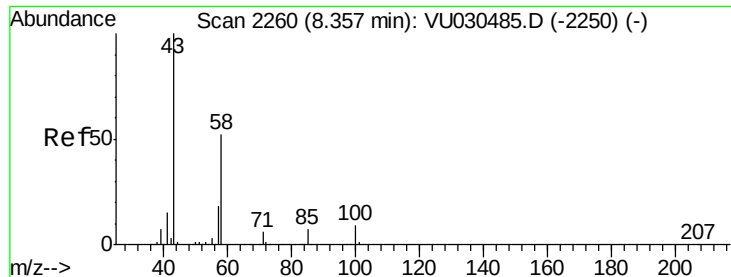
Tgt Ion: 75 Resp: 4430

Ion Ratio Lower Upper

75 100

77 61.4 21.8 40.6#

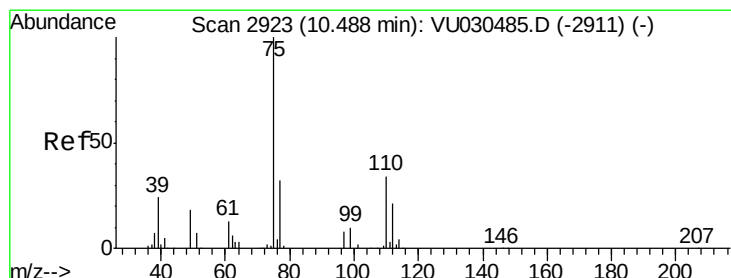
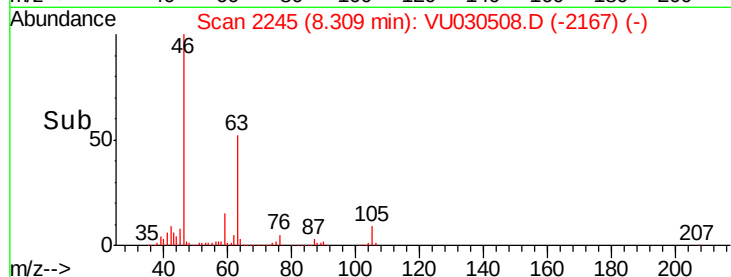
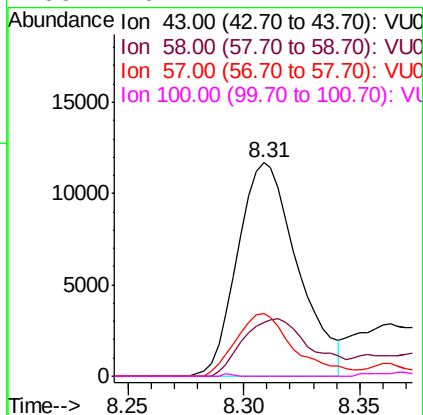
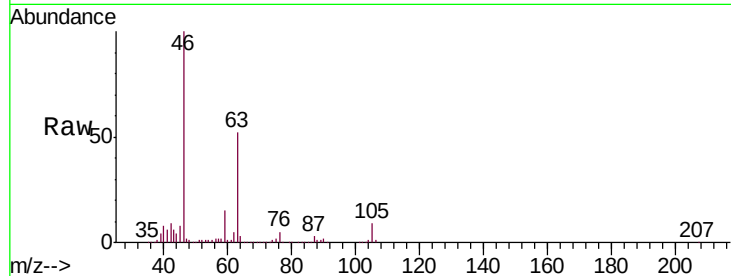




#48
 2-Hexanone
 Concen: 4.104 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 21069
 Ion Ratio Lower Upper
 43 100
 58 27.7 42.5 63.7#
 57 28.6 15.0 22.6#
 100 0.2 7.4 11.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.540 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030508.D
 Acq: 28 Mar 2019 01:01

Tgt Ion: 75 Resp: 20610
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.4 38.2

