

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031330.D
 Acq On : 19 Apr 2019 01:02
 Operator : JC/SP
 Sample : VU0419WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 19 07:52:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 07:47:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	185242	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70567	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	100346	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.68	69	81263	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.27	63	142169	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.21	46	193501	48.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.94%
24) Chloroform-d	4.65	84	124444	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.31	65	70279	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	234721	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.33	67	77669	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.56	98	191206	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	7.85	79	26628	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.31	63	138264	45.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	64310	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	65825	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

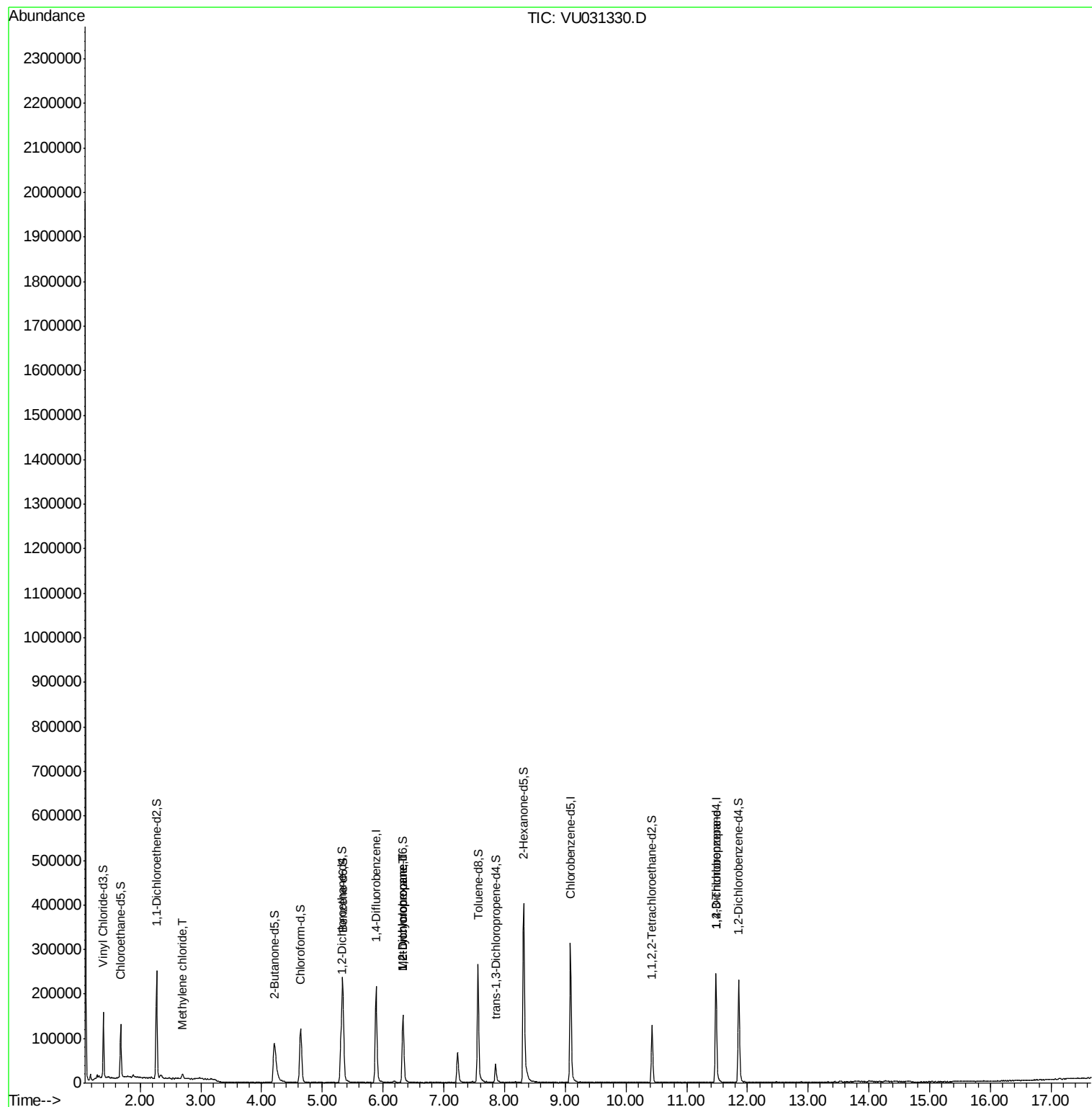
					Ovalue
16) Methylene chloride	2.70	84	4387	0.182 ug/L	91
35) Methylcyclohexane	6.33	83	18618	0.785 ug/L #	14
37) 1,2-Dichloropropane	6.32	63	8350	0.497 ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	7425	0.678 ug/L	97

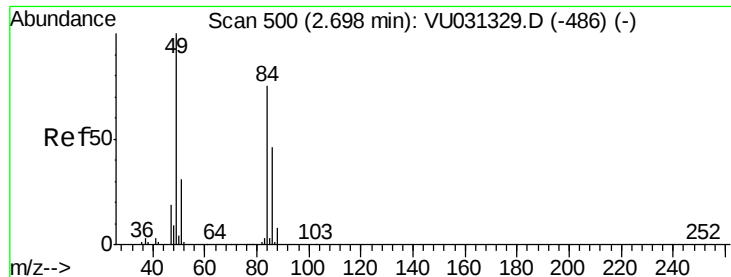
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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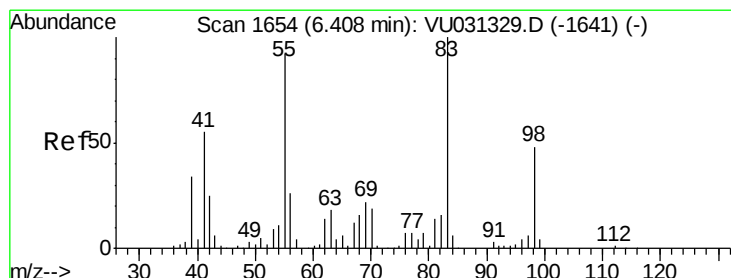
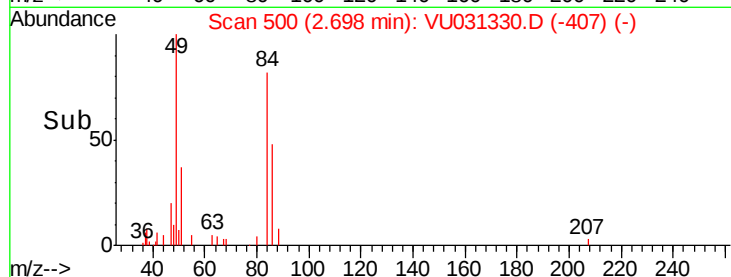
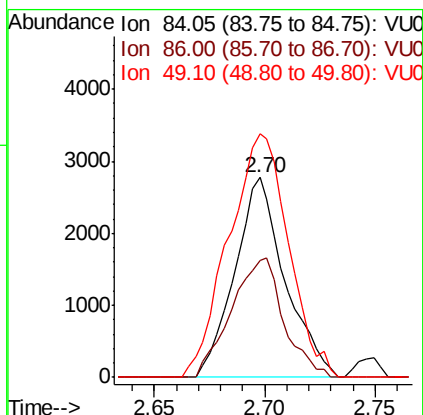
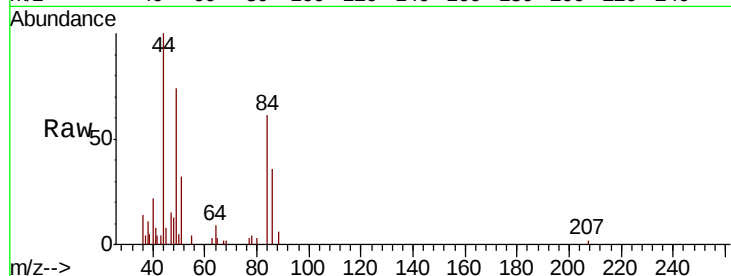




#16
Methvlene chloride
Concen: 0.182 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031330.D
Acq: 19 Apr 2019 01:02

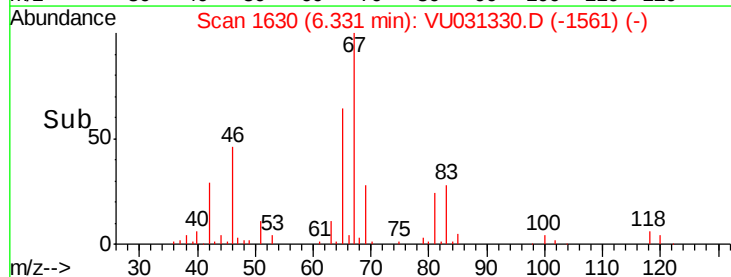
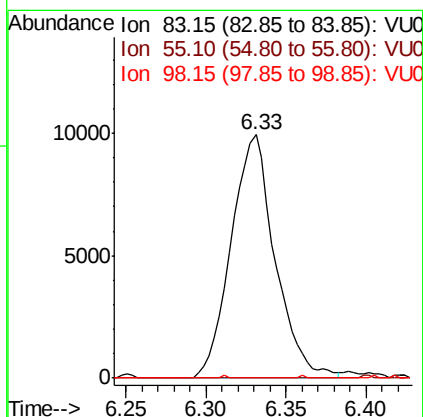
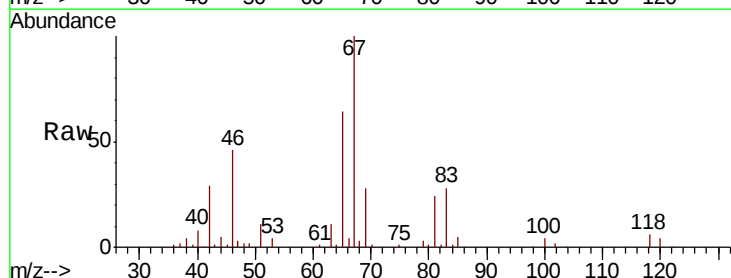
Instrument :
MSVOA_U
ClientSampled :

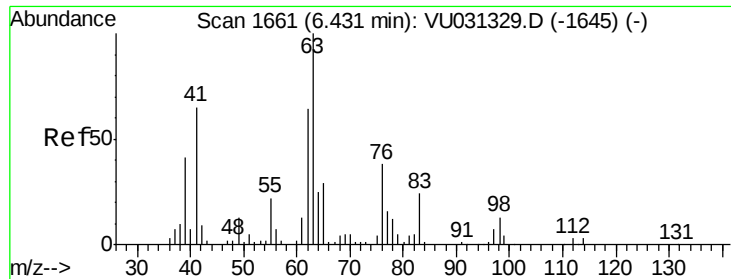
Tot Ion: 84 Resp: 4387
Ion Ratio Lower Upper
84 100
86 58.8 44.1 81.9
49 122.0 94.6 175.6



#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU031330.D
Acq: 19 Apr 2019 01:02

Tgt Ion: 83 Resp: 18618
Ion Ratio Lower Upper
83 100
55 0.0 70.6 105.8#
98 0.1 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.497 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU031330.D

Acq: 19 Apr 2019 01:02

Instrument :

MSVOA_U

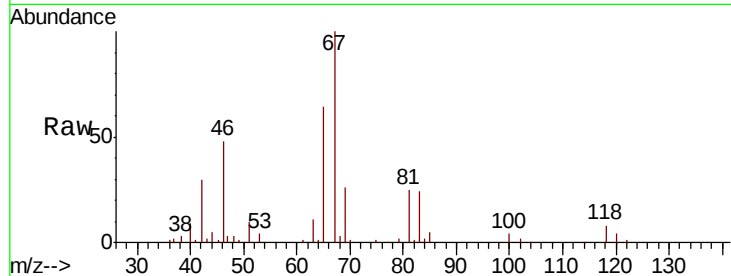
ClientSampleId :

Tot Ion: 63 Resp: 8350

Ion Ratio Lower Upper

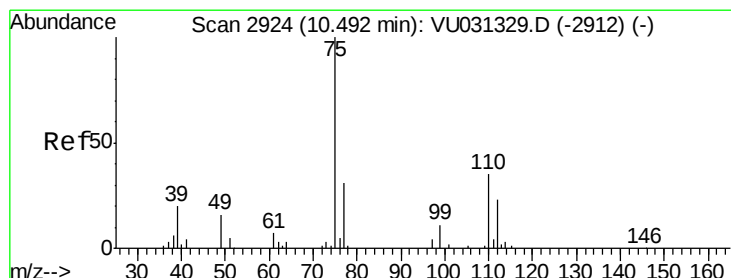
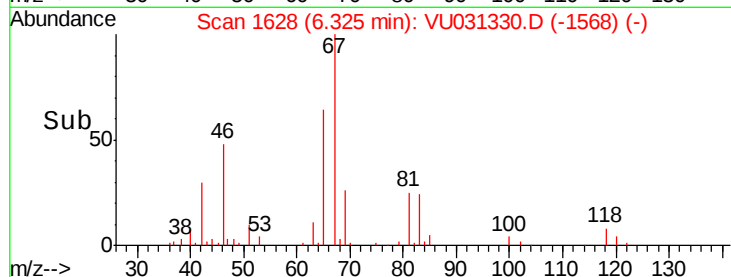
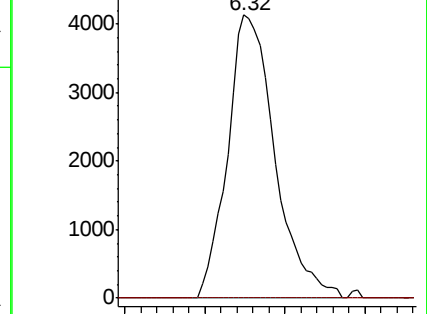
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU031330.D (-1645) (-)

Ion 112.10 (111.80 to 112.80): VU031330.D (-1645) (-)



#59

1,2,3-Trichloropropane

Concen: 0.678 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031330.D

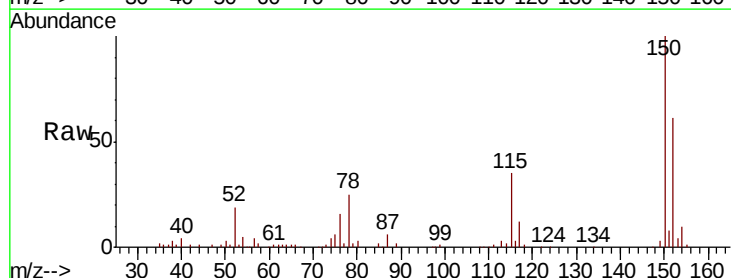
Acq: 19 Apr 2019 01:02

Tgt Ion: 75 Resp: 7425

Ion Ratio Lower Upper

75 100

77 32.0 27.0 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU031330.D (-2302) (-)

Ion 77.00 (76.70 to 77.70): VU031330.D (-2302) (-)

