

Data File : VU031465.D
Acq On : 24 Apr 2019 12:52
Operator : JC/SP
Sample : VU0424WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Quant Time: Apr 25 06:08:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 06:05:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	362059	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	347786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	142848	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	145744	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.68	69	115368	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.27	63	209095	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.22	46	414786	53.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.74%
24) Chloroform-d	4.64	84	232148	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.31	65	132882	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.33	84	476132	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.33	67	159302	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.56	98	395311	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.85	79	57190	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.31	63	292025	49.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121030	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	136074	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

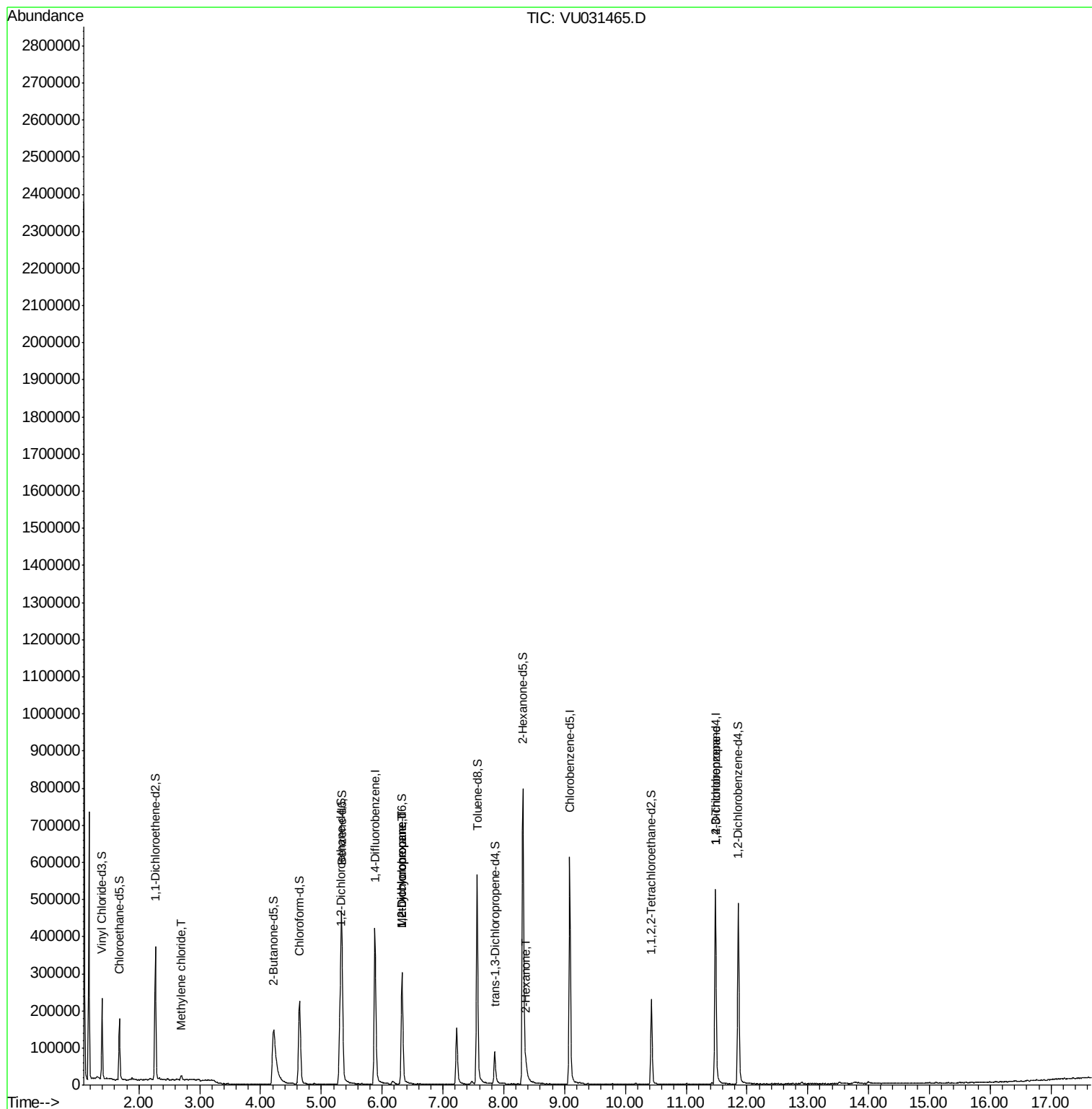
					Qvalue
16) Methylene chloride	2.69	84	4598	0.162 ug/L	96
35) Methylcyclohexane	6.33	83	34641	0.827 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	15716	0.546 ug/L #	90
48) 2-Hexanone	8.37	43	19530	1.413 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	18961	1.045 ug/L	92

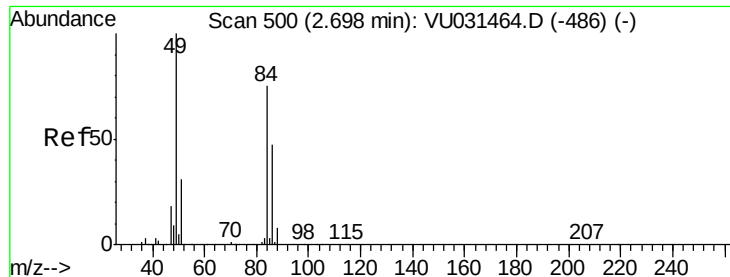
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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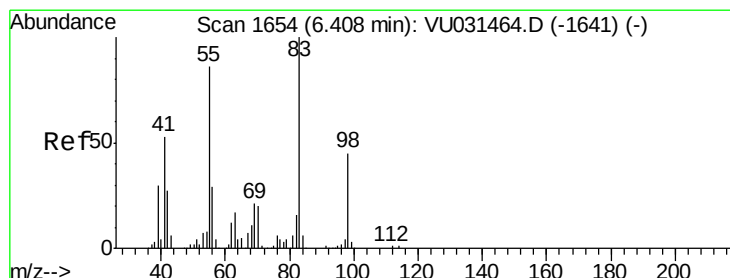
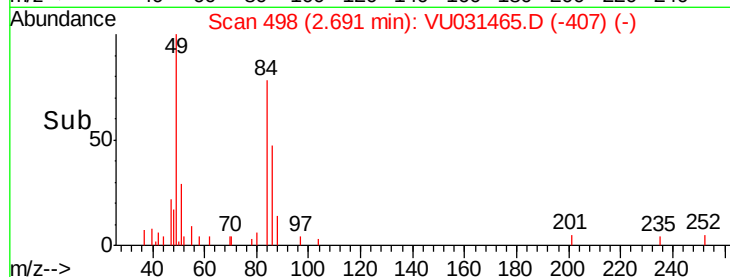
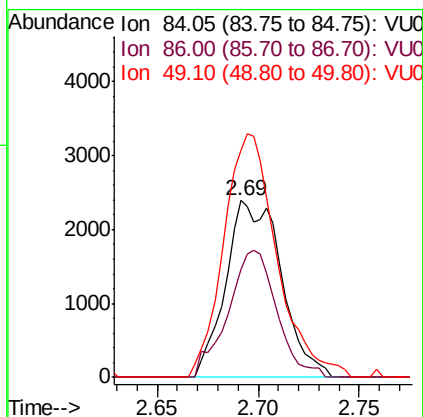
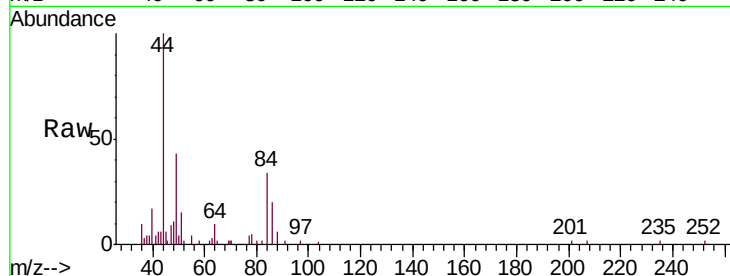




#16
Methylene chloride
Concen: 0.162 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.01 min
Lab File: VU031465.D
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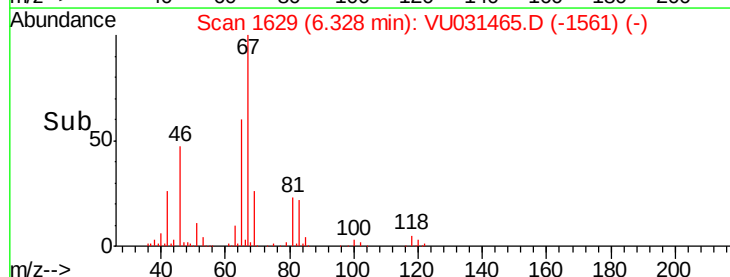
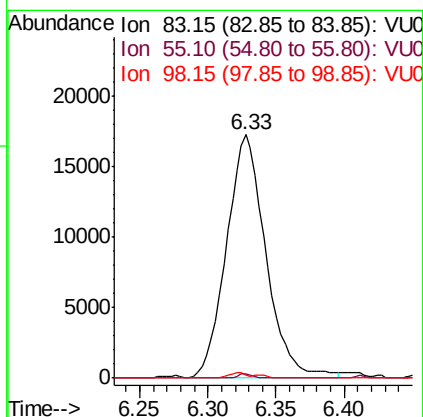
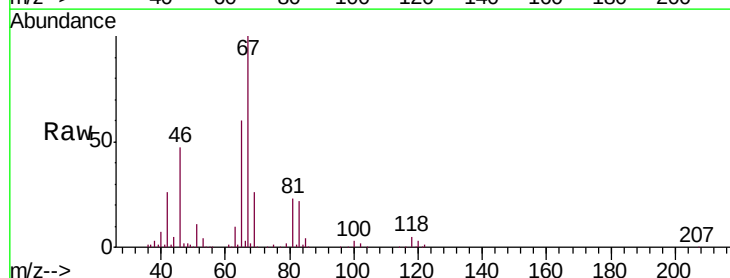
Instrument :
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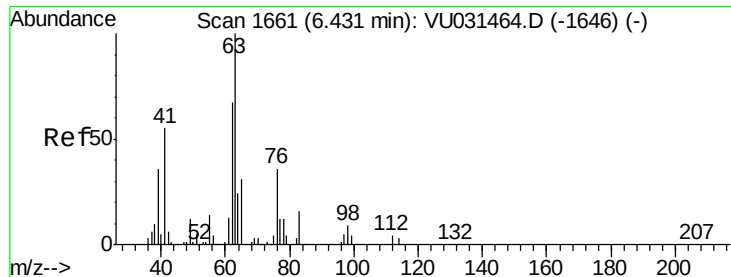
Tgt Ion: 84 Resp: 4598
Ion Ratio Lower Upper
84 100
86 60.8 44.9 83.5
49 128.8 92.9 172.5



#35
Methylcyclohexane
Concen: 0.827 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031465.D
Acq: 24 Apr 2019 12:52

Tgt Ion: 83 Resp: 34641
Ion Ratio Lower Upper
83 100
55 0.6 71.1 106.7#
98 1.0 36.6 54.8#

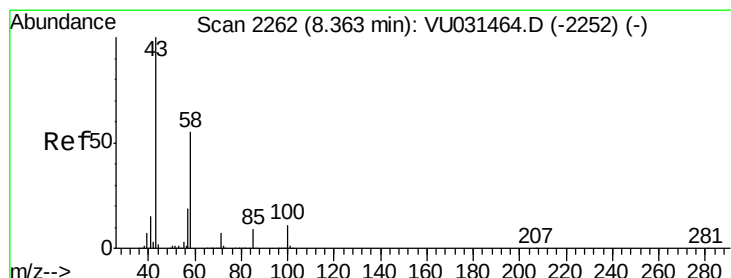
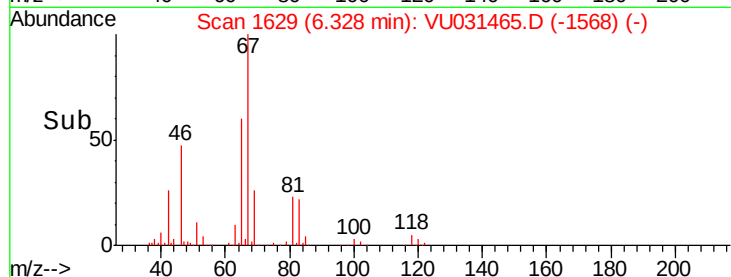
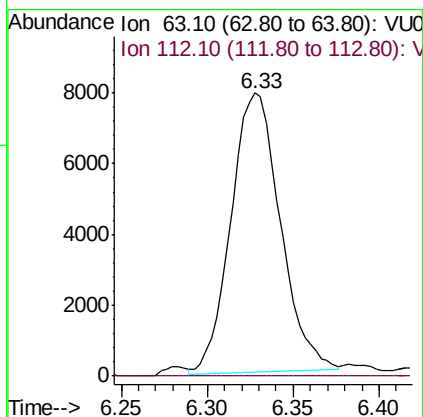
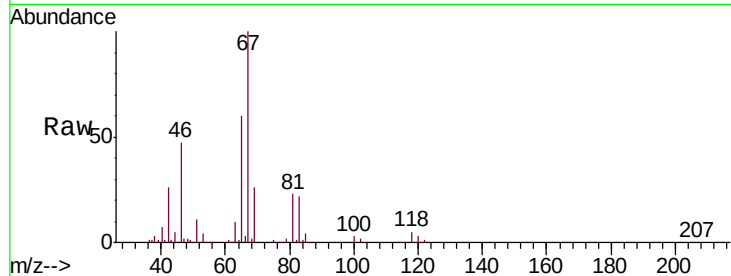




#37
 1,2-Dichloropropane
 Concen: 0.546 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031465.D
 Acq: 24 Apr 2019 12:52

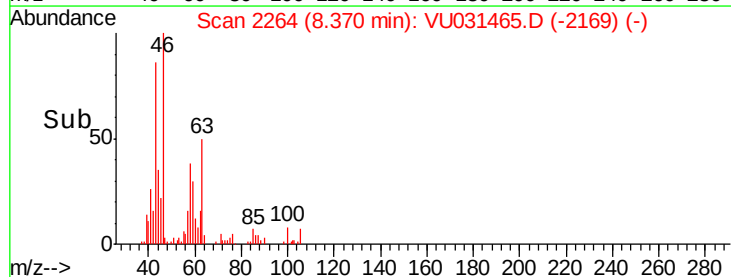
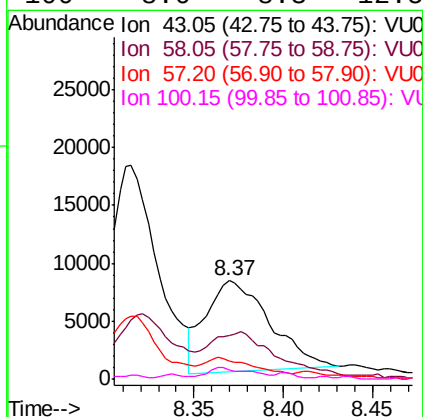
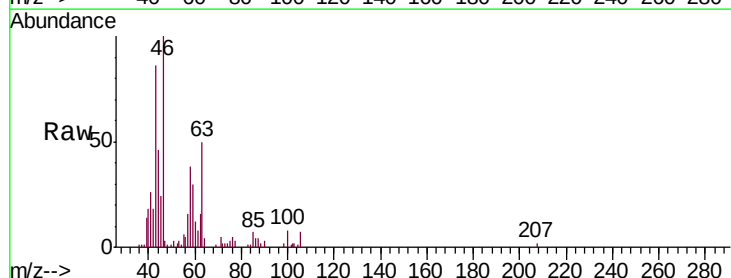
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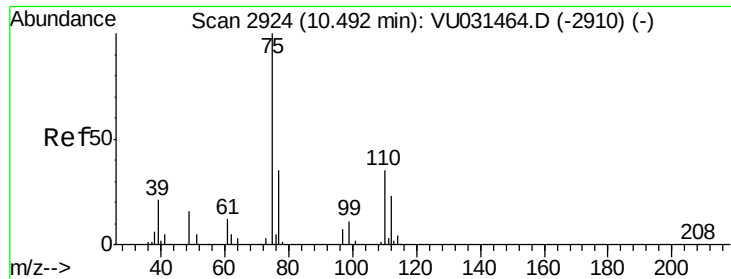
Tgt Ion: 63 Resp: 15716
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.0 4.6#



#48
 2-Hexanone
 Concen: 1.413 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU031465.D
 Acq: 24 Apr 2019 12:52

Tgt Ion: 43 Resp: 19530
 Ion Ratio Lower Upper
 43 100
 58 51.0 44.6 67.0
 57 19.6 15.3 22.9
 100 8.6 8.3 12.5





#59
 1,2,3-Trichloropropane
 Concen: 1.045 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031465.D
 Acq: 24 Apr 2019 12:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK09

Tgt Ion: 75 Resp: 18961
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.7 38.5

