

Data File : VU031503.D
Acq On : 25 Apr 2019 16:04
Operator : JC/SP
Sample : K2536-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Apr 26 01:37:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 26 01:33:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	271174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96675	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	105515	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.68	69	85161	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.27	63	153360	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.21	46	328682	56.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.94%
24) Chloroform-d	4.64	84	189474	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.31	65	107894	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	5.33	84	354940	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.33	67	125507	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.56	98	253728	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.85	79	39925	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.31	63	198618	42.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98968	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	88152	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

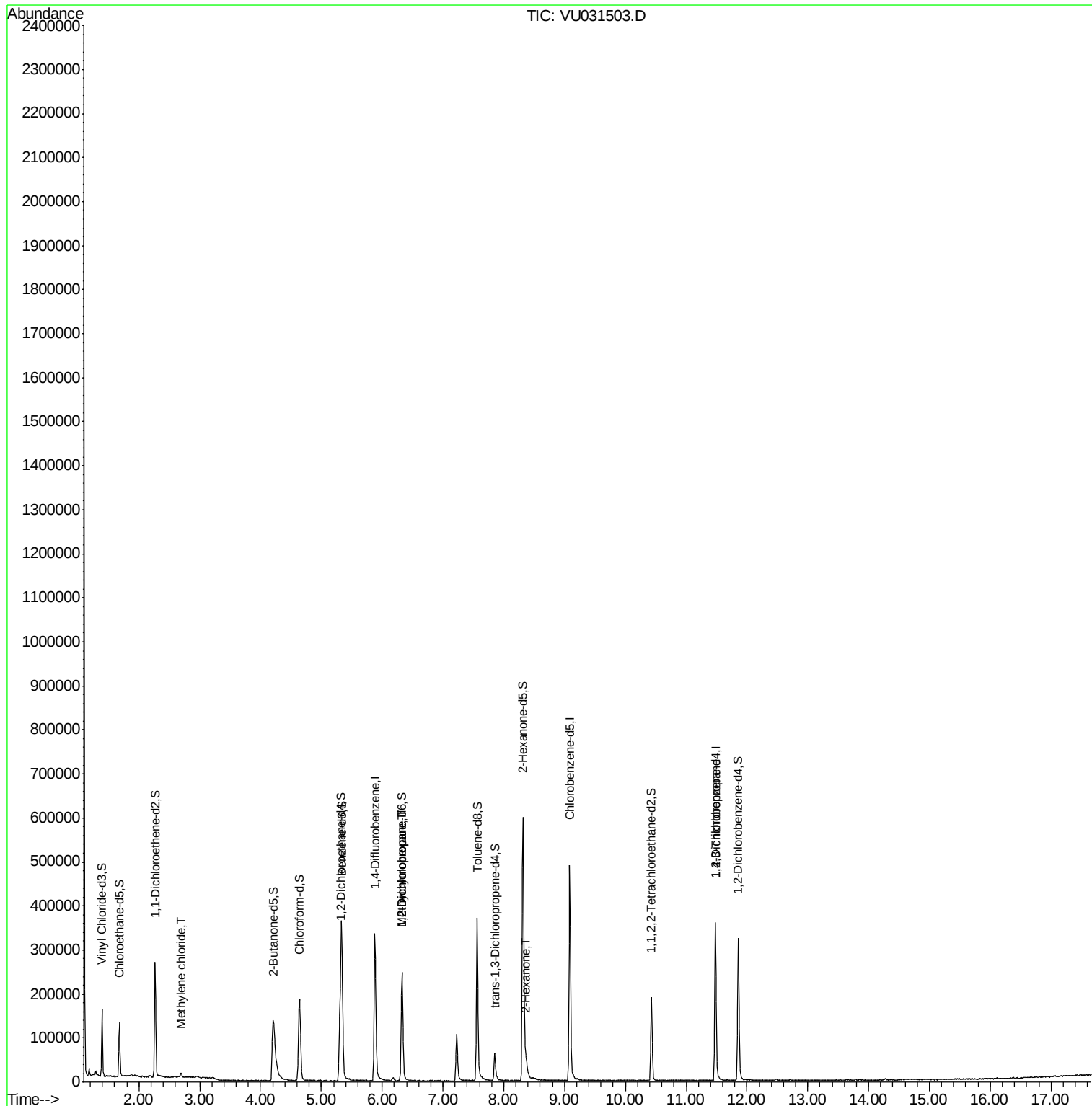
					Qvalue
16) Methylene chloride	2.69	84	3511	0.165 ug/L	81
35) Methylcyclohexane	6.33	83	27452	0.829 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	13328	0.586 ug/L #	91
48) 2-Hexanone	8.38	43	20258	1.856 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	12334	0.861 ug/L #	84

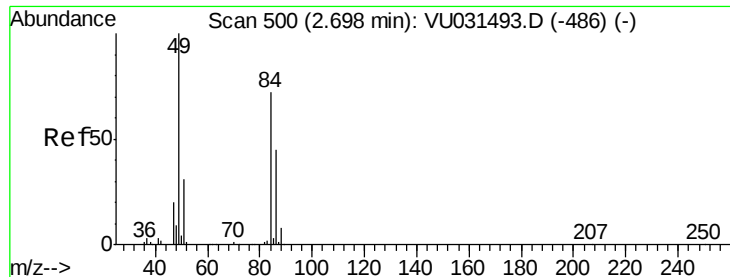
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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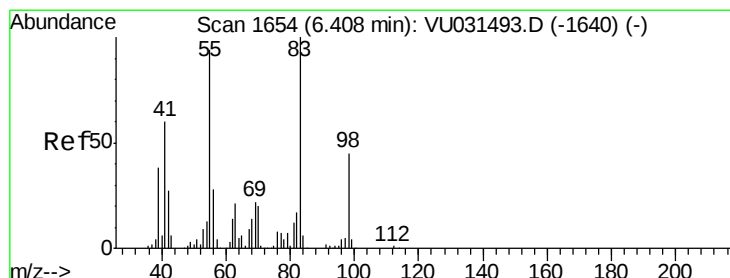
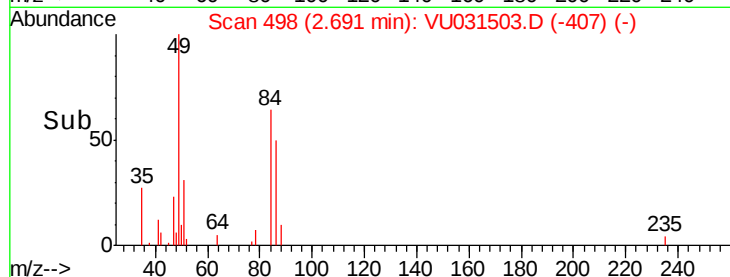
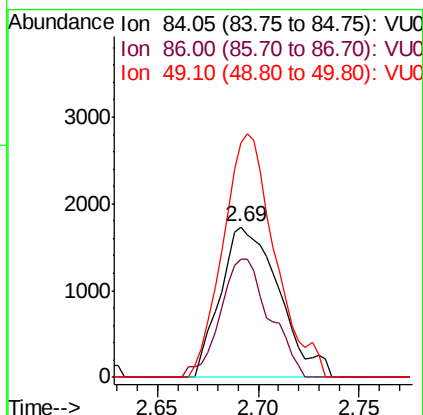
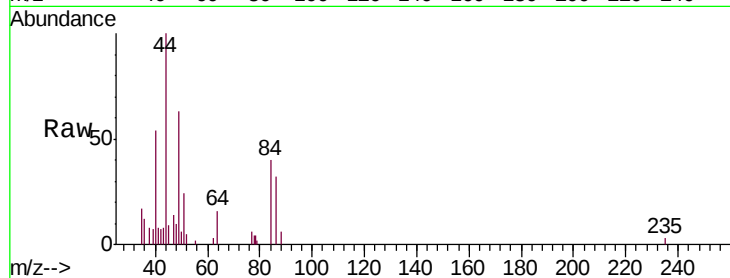




#16
Methylene chloride
Concen: 0.165 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.01 min
Lab File: VU031503.D
Acq: 25 Apr 2019 16:04

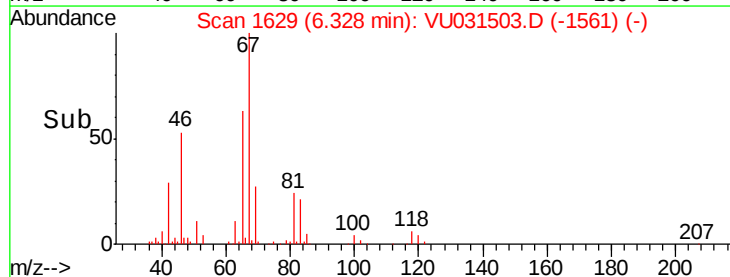
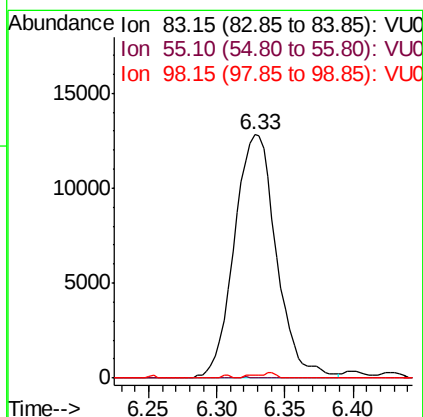
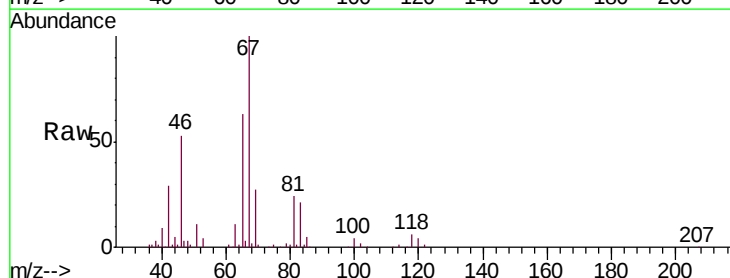
Instrument :
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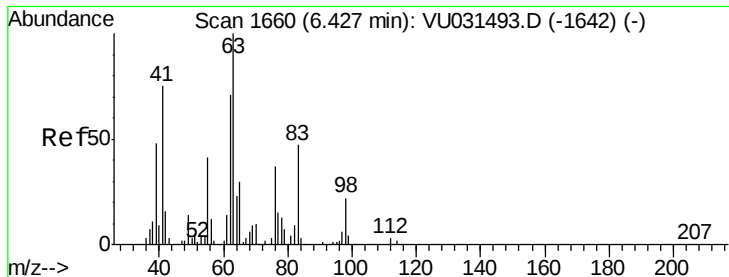
Tgt Ion: 84 Resp: 3511
Ion Ratio Lower Upper
84 100
86 78.5 44.9 83.5
49 155.8 92.9 172.5



#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031503.D
Acq: 25 Apr 2019 16:04

Tgt Ion: 83 Resp: 27452
Ion Ratio Lower Upper
83 100
55 0.1 71.1 106.7#
98 0.5 36.6 54.8#

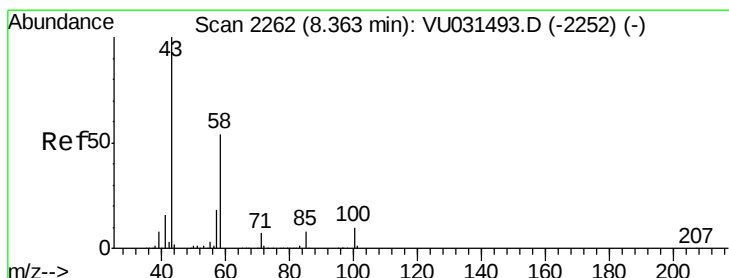
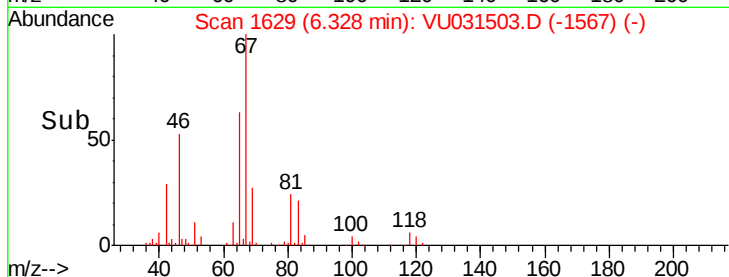
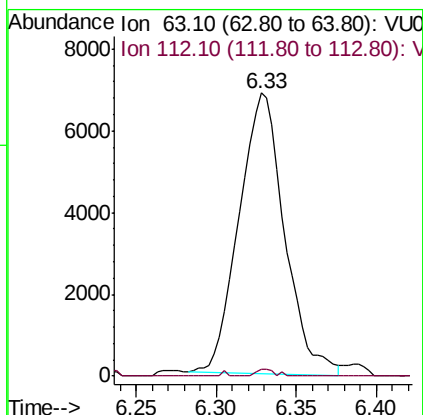
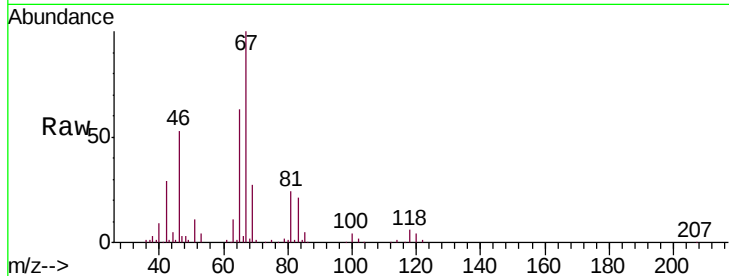




#37
 1,2-Dichloropropane
 Concen: 0.586 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031503.D
 Acq: 25 Apr 2019 16:04

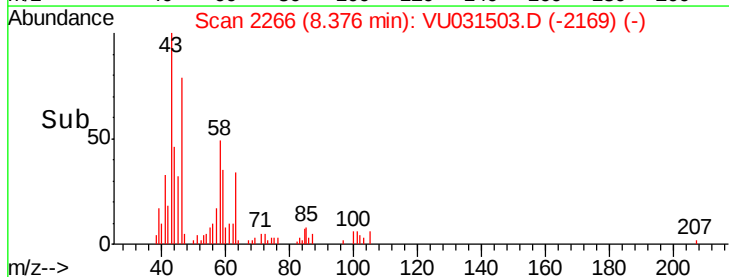
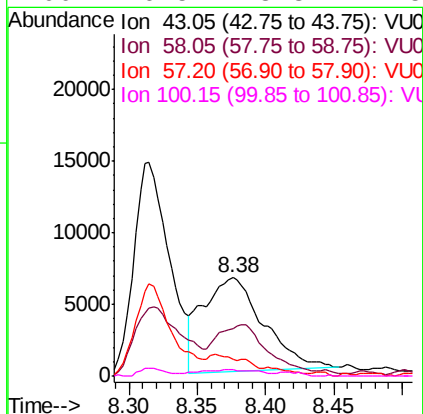
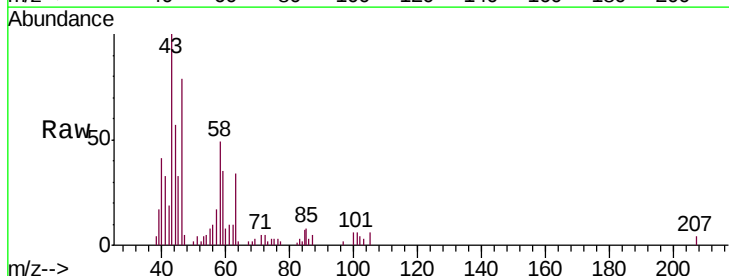
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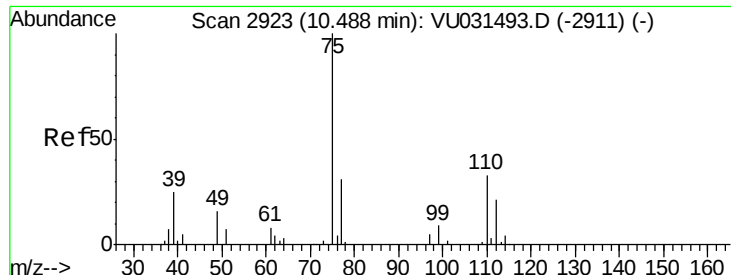
Tgt Ion: 63 Resp: 13328
 Ion Ratio Lower Upper
 63 100
 112 1.0 3.0 4.6#



#48
 2-Hexanone
 Concen: 1.856 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: VU031503.D
 Acq: 25 Apr 2019 16:04

Tgt Ion: 43 Resp: 20258
 Ion Ratio Lower Upper
 43 100
 58 50.3 44.6 67.0
 57 8.6 15.3 22.9#
 100 6.5 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 0.861 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031503.D

Acq: 25 Apr 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 12334

Ion Ratio Lower Upper

75 100

77 41.2 25.7 38.5#

