

Data File : VR026488.D
Acq On : 7 Apr 2019 10:37
Operator : SY/MD
Sample : VR0407WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK92

Quant Time: Apr 08 03:01:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 08 02:57:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	586505	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	477394	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	142651	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	203196	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	2.62	69	175712	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	3.60	63	414471	3.60	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	6.58	46	176268	44.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.74%
24) Chloroform-d	7.20	84	376416	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	7.89	65	159780	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	7.85	84	708035	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	8.89	67	187925	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	9.97	98	643302	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	10.23	79	41685	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	10.59	63	147721	52.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.12%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65363	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	119959	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

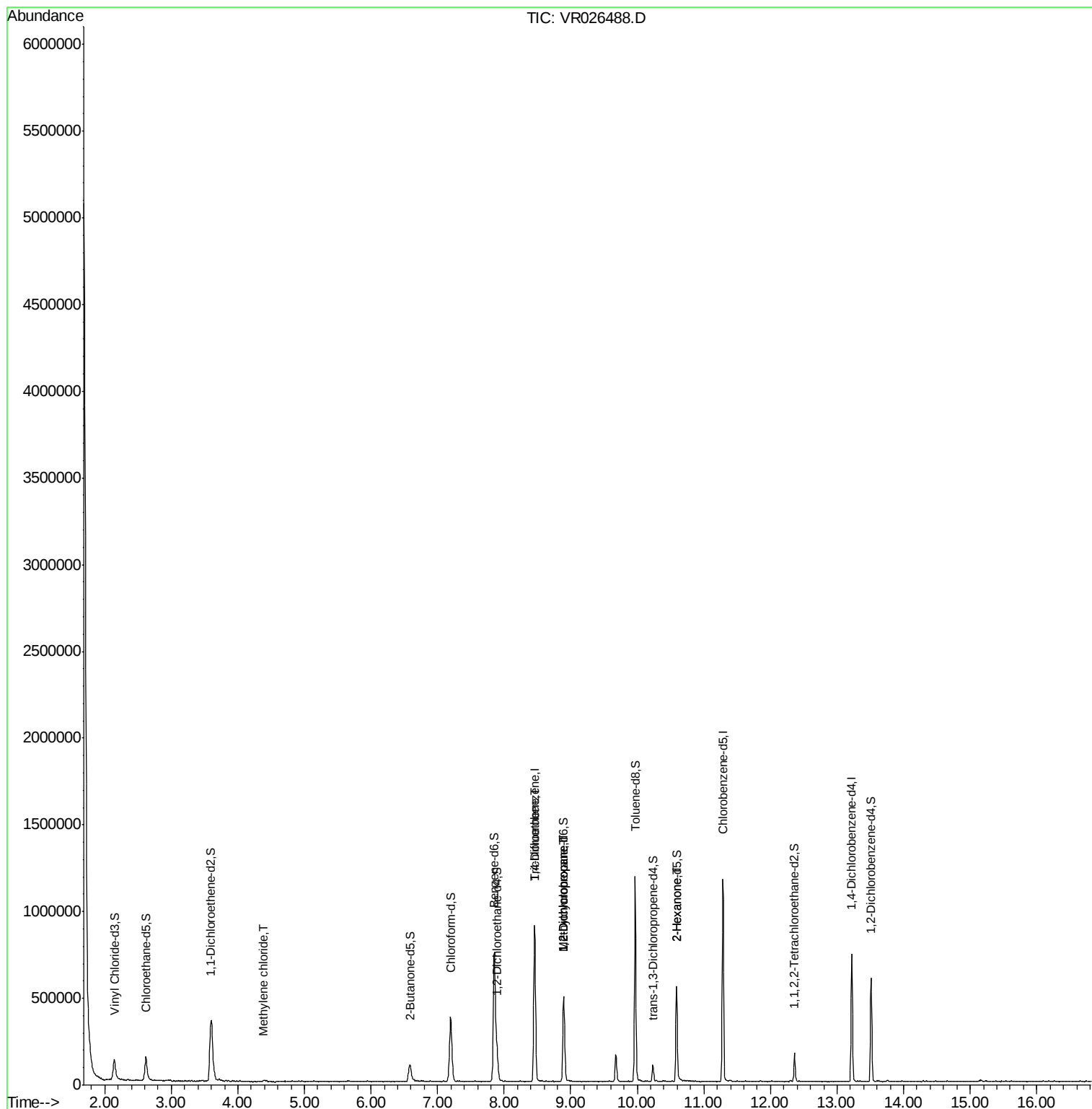
					Qvalue
16) Methylene chloride	4.39	84	6601	0.143 ug/L #	55
34) Trichloroethene	8.46	95	20537	0.411 ug/L #	12
35) Methylcyclohexane	8.89	83	45592	0.640 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	24729	0.605 ug/L #	93
48) 2-Hexanone	10.59	43	25199	3.162 ug/L #	75

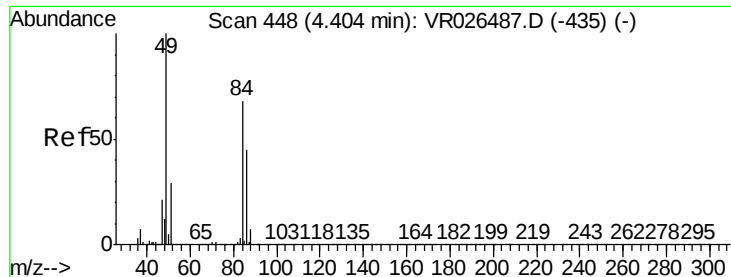
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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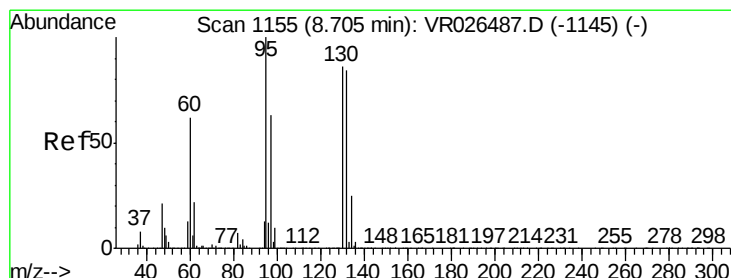
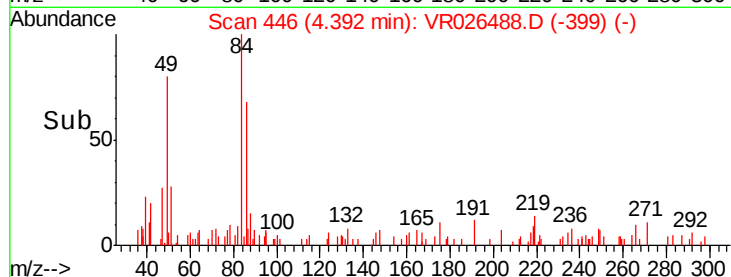
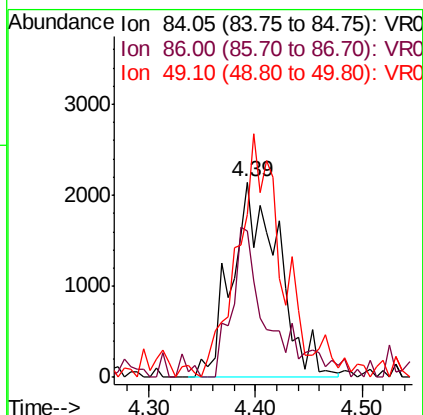
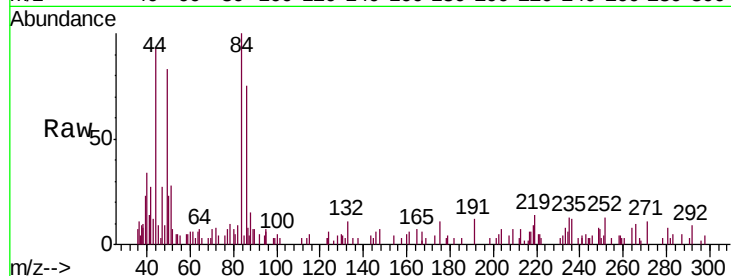




#16
Methylene chloride
Concen: 0.143 ug/L
RT: 4.39 min Scan# 446
Delta R.T. -0.01 min
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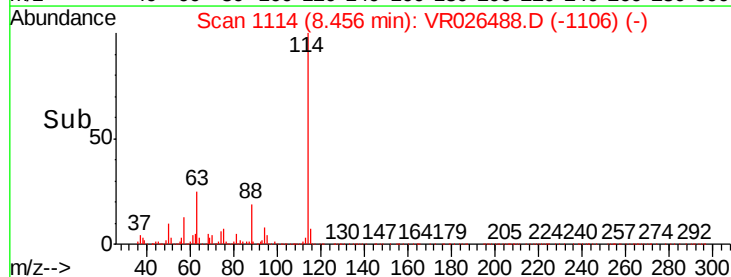
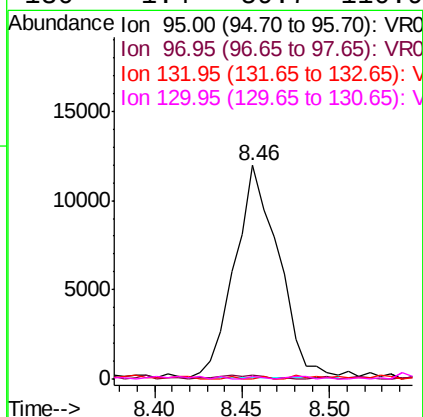
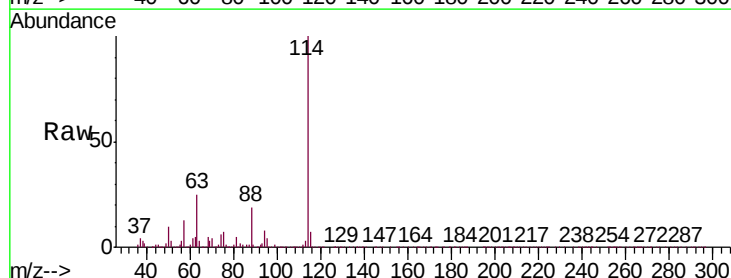
Instrument :
MSVOA_R
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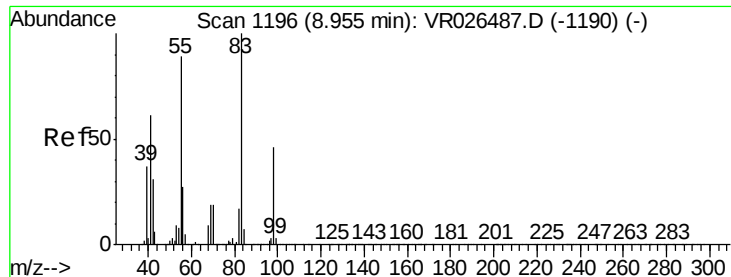
Tgt Ion: 84 Resp: 6601
Ion Ratio Lower Upper
84 100
86 83.3 45.6 84.6
49 83.2 106.5 197.9#



#34
Trichloroethene
Concen: 0.411 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.25 min
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Tgt Ion: 95 Resp: 20537
Ion Ratio Lower Upper
95 100
97 1.6 43.8 81.3#
132 0.0 57.2 106.2#
130 1.4 59.7 110.9#

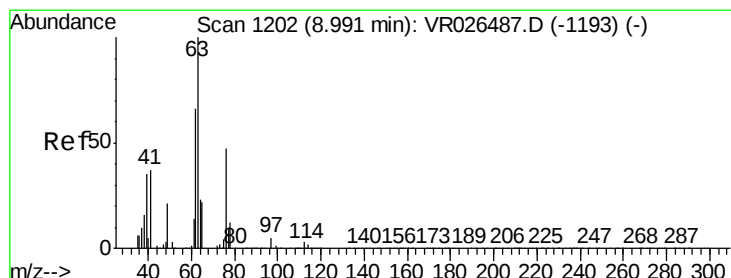
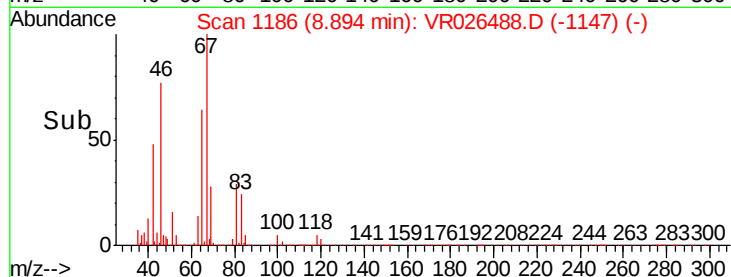
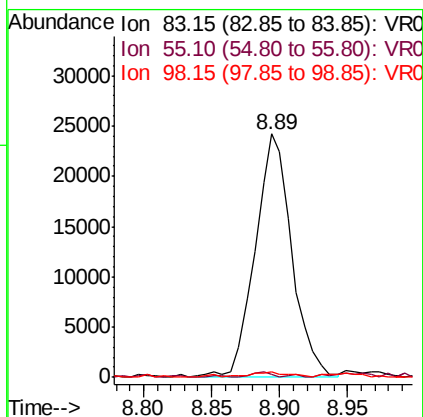
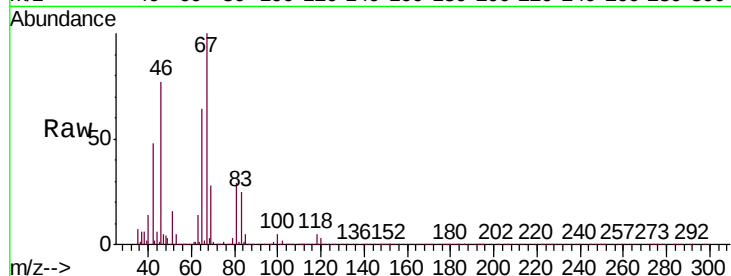




#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
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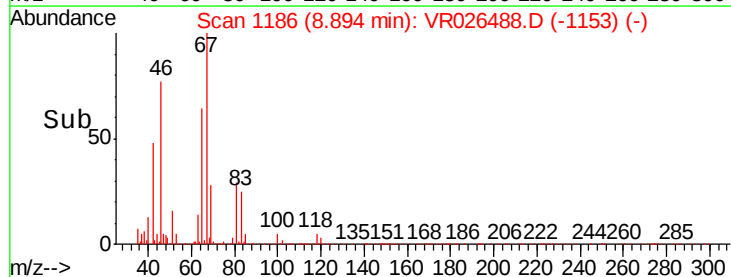
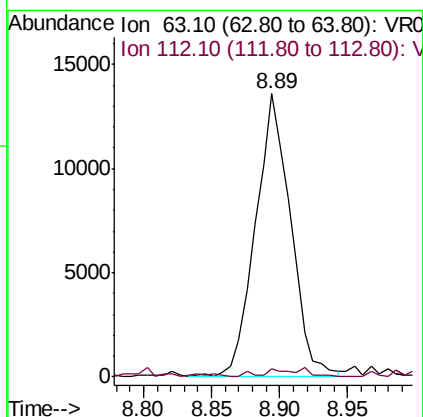
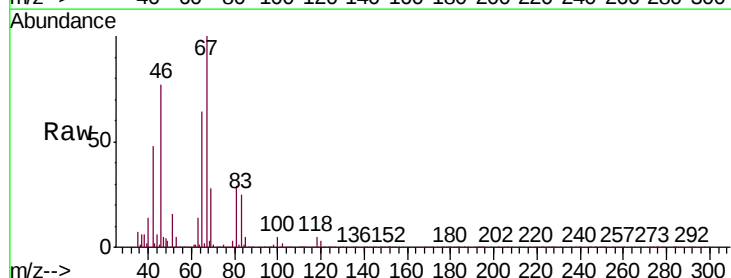
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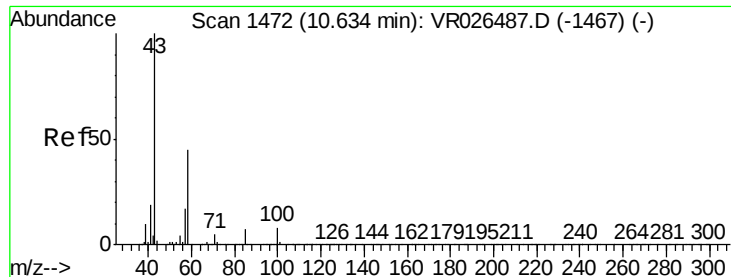
Tgt Ion: 83 Resp: 45592
Ion Ratio Lower Upper
83 100
55 1.2 73.8 110.6#
98 2.4 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026488.D
Acq: 7 Apr 2019 10:37

Tgt Ion: 63 Resp: 24729
Ion Ratio Lower Upper
63 100
112 1.1 2.8 4.2#





#48

2-Hexanone

Concen: 3.162 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

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Instrument :

MSVOA_R

ClientSampleId :

VBLK92

Tgt Ion: 43 Resp: 25199

Ion Ratio Lower Upper

43 100

58 30.0 38.2 57.2#

57 27.7 13.8 20.6#

100 2.0 6.2 9.2#

