

Data File : VR026496.D
Acq On : 7 Apr 2019 14:55
Operator : SY/MD
Sample : K2282-12
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEZ10

Quant Time: Apr 08 03:02:51 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	518011	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	438156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	128452	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	135307	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	2.62	69	130412	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	3.60	63	227763	2.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.80%#
20) 2-Butanone-d5	6.58	46	152730	43.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.04%
24) Chloroform-d	7.20	84	302177	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	7.89	65	129380	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	7.85	84	533106	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	8.90	67	149839	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	9.97	98	451412	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	10.23	79	24271	2.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	50.40%#
46) 2-Hexanone-d5	10.59	63	118268	45.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	57533	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	92447	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

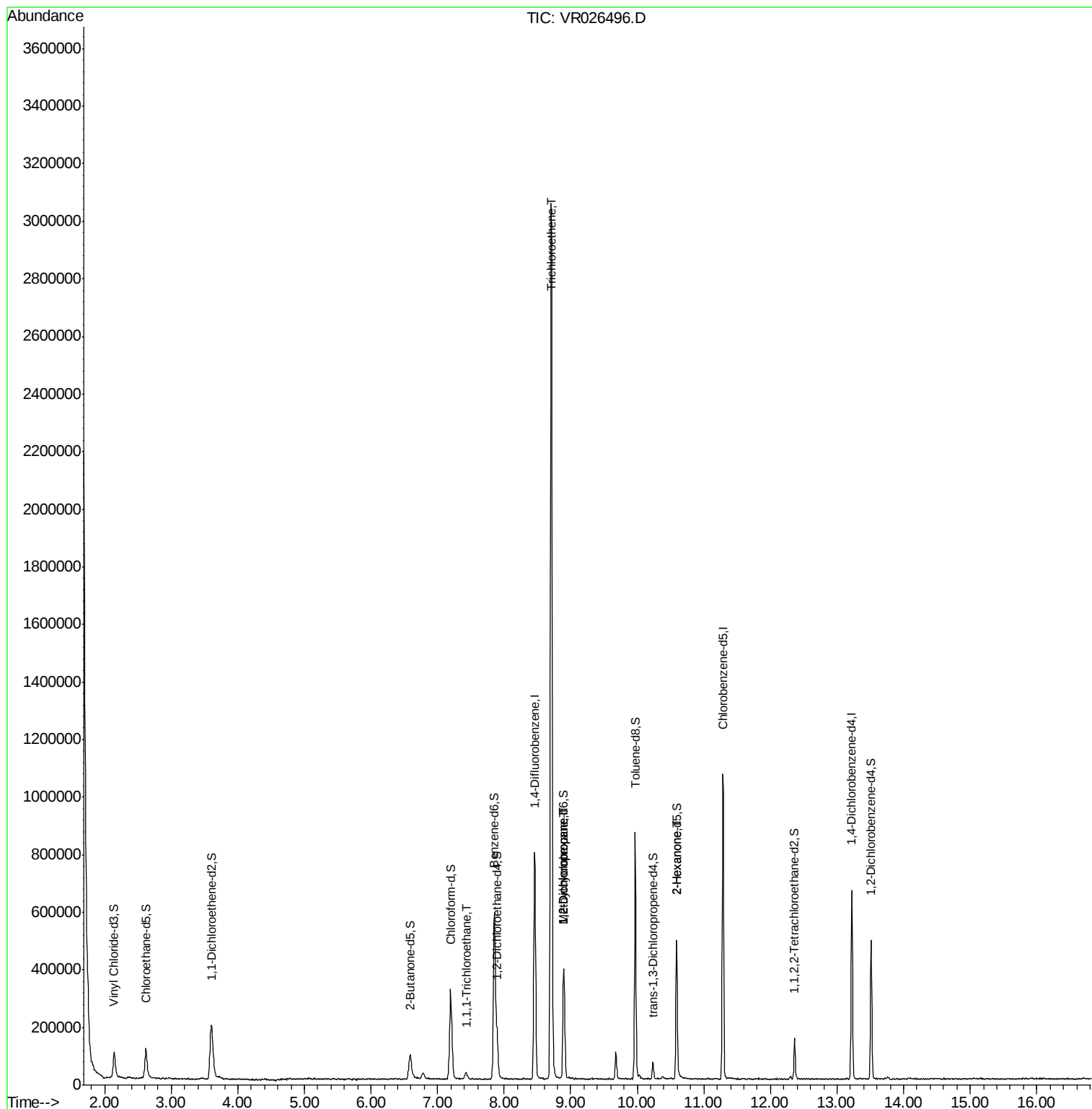
Target Compounds					Qvalue
29) 1,1,1-Trichloroethane	7.42	97	18000	0.249 ug/L	86
34) Trichloroethene	8.71	95	966781	21.078 ug/L	99
35) Methylcyclohexane	8.89	83	34917	0.534 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	20173	0.538 ug/L #	92
48) 2-Hexanone	10.59	43	23163	3.167 ug/L #	74

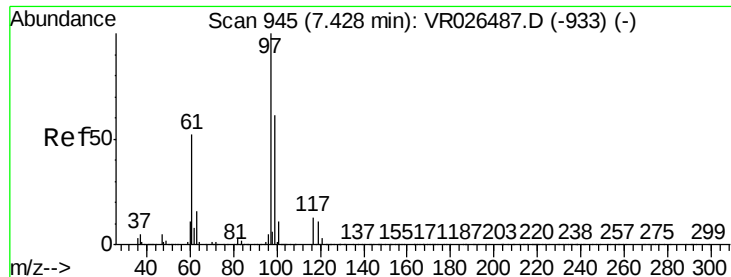
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

1,1,1-Trichloroethane

Concen: 0.249 ug/L

RT: 7.42 min Scan# 944

Delta R.T. -0.01 min

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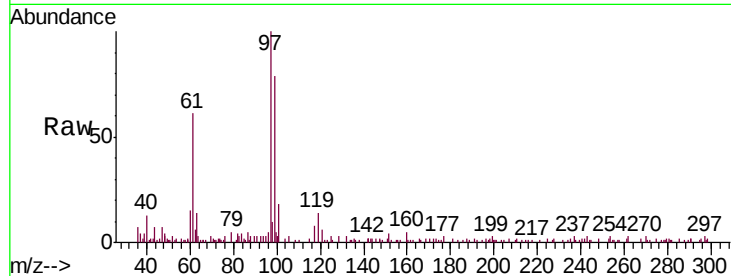
Tgt Ion: 97 Resp: 18000

Ion Ratio Lower Upper

97 100

99 73.5 49.6 74.4

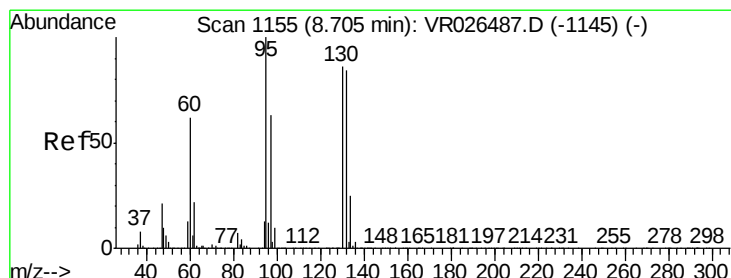
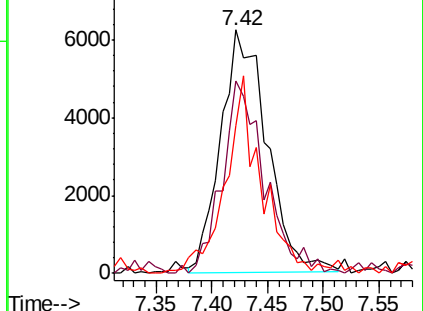
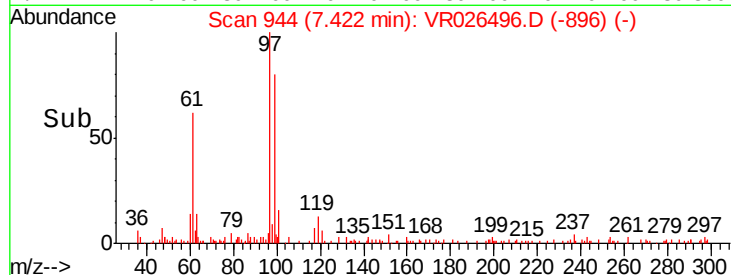
61 61.6 41.8 62.6



Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0



#34

Trichloroethene

Concen: 21.078 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 966781

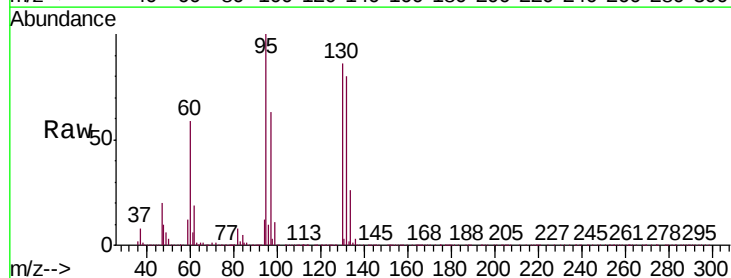
Ion Ratio Lower Upper

95 100

97 62.9 43.8 81.3

132 80.3 57.2 106.2

130 86.4 59.7 110.9

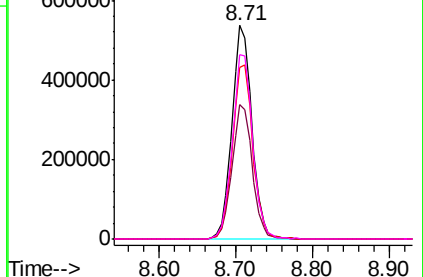
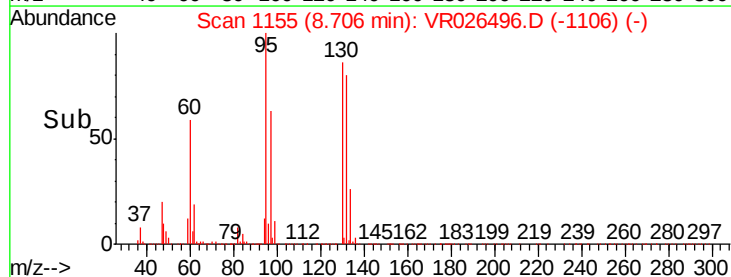


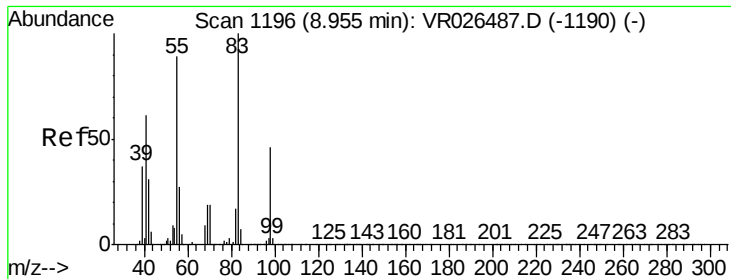
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#35

Methylcyclohexane

Concen: 0.534 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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Instrument :

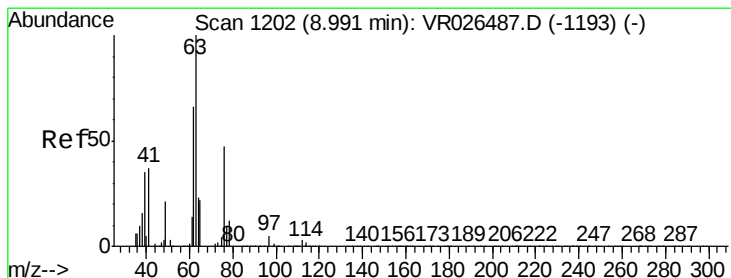
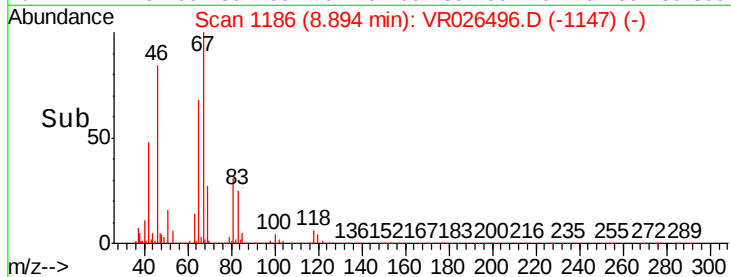
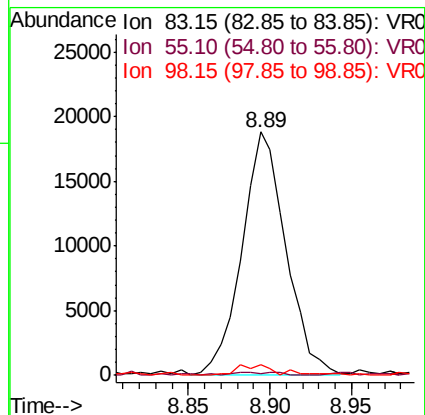
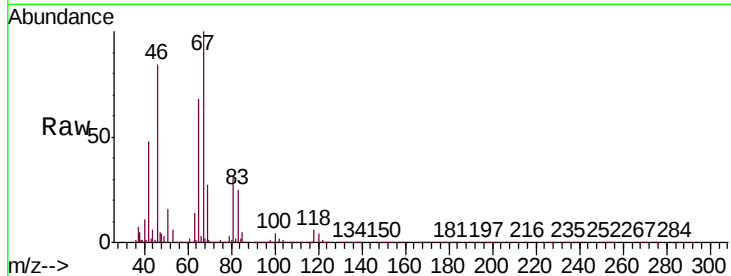
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Tgt Ion: 83 Resp: 34917

Ion	Ratio	Lower	Upper
83	100		
55	0.8	73.8	110.6#
98	3.0	34.6	51.8#



#37

1,2-Dichloropropane

Concen: 0.538 ug/L

RT: 8.89 min Scan# 1186

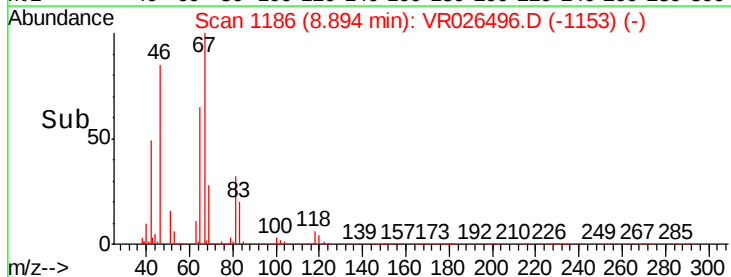
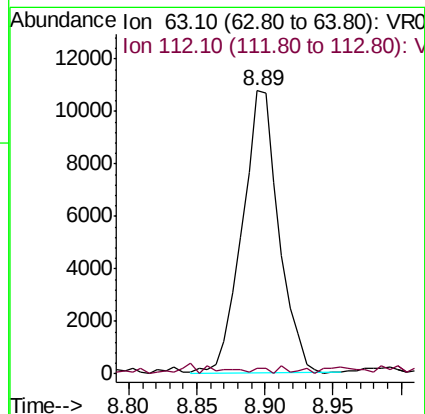
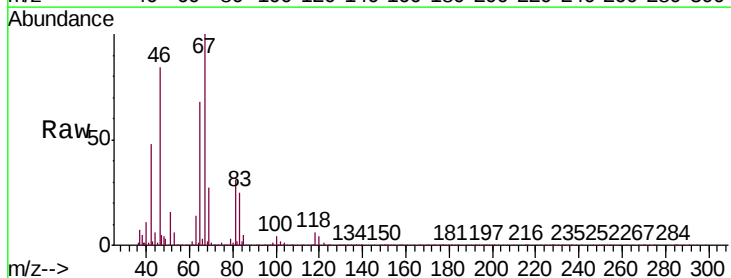
Delta R.T. -0.10 min

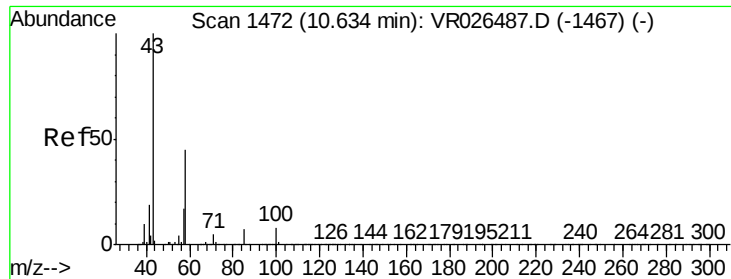
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Tgt Ion: 63 Resp: 20173

Ion	Ratio	Lower	Upper
63	100		
112	0.8	2.8	4.2#





#48
 2-Hexanone
 Concen: 3.167 ug/L
 RT: 10.59 min Scan# 1464
 Delta R.T. -0.05 min
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 MSVOA_R
 ClientSampleId :
 BEZ10

Tgt Ion: 43 Resp: 23163
 Ion Ratio Lower Upper
 43 100
 58 26.7 38.2 57.2#
 57 27.1 13.8 20.6#
 100 6.8 6.2 9.2

