

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026555.D
 Acq On : 10 Apr 2019 16:43
 Operator : SY/MD
 Sample : K2285-05DL 4X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZC3DL

Quant Time: Apr 11 04:22:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 04:17:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	540109	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	442997	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	130244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	158164	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	2.62	69	150778	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	3.61	63	343846	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	6.59	46	167408	45.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.52%
24) Chloroform-d	7.20	84	341768	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	7.89	65	148549	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	7.85	84	608502	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	8.90	67	170404	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	9.97	98	567673	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	10.23	79	34180	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	10.59	63	133331	51.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.24%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64279	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	115621	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

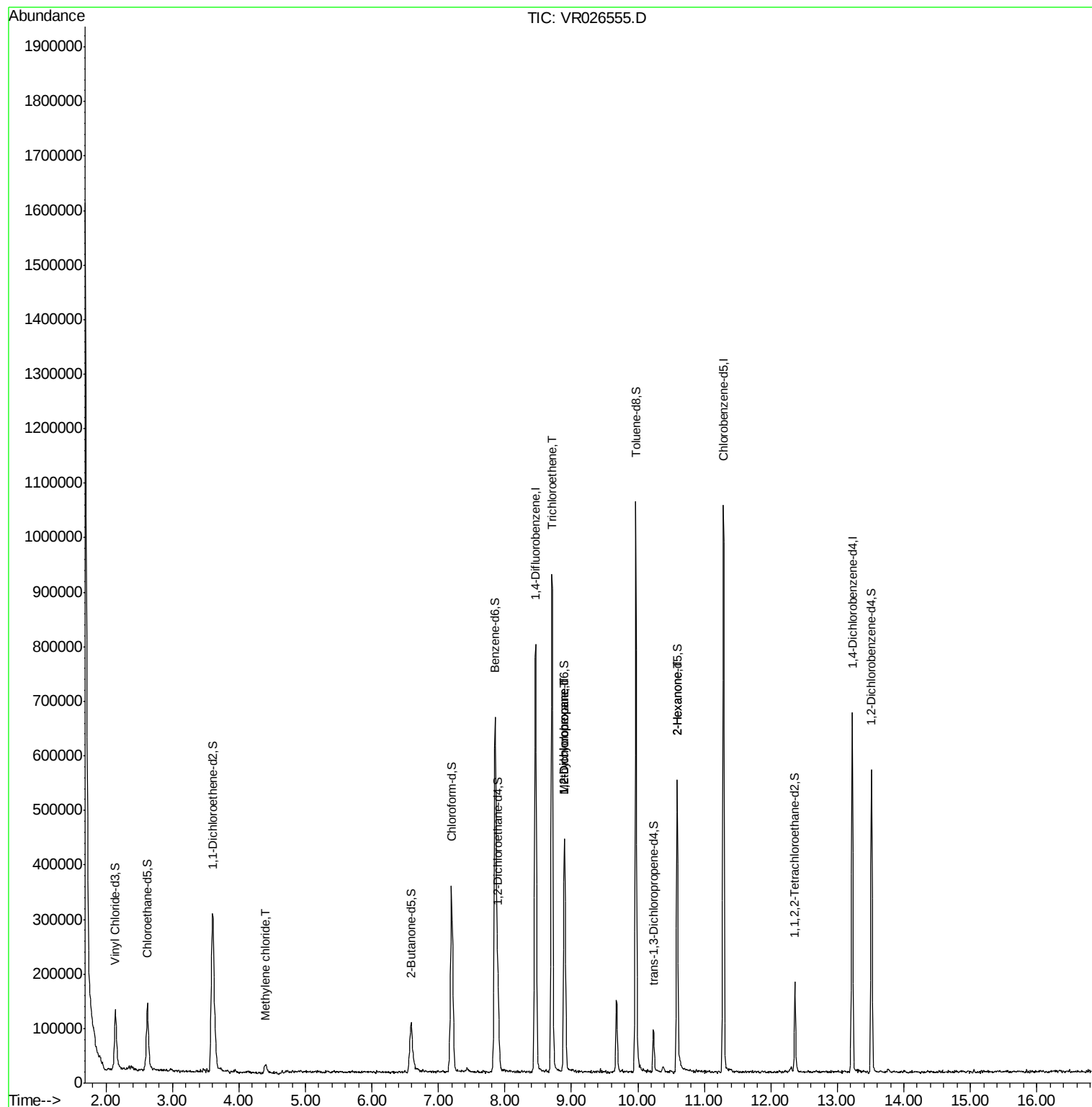
					Ovalue
16) Methylene chloride	4.40	84	10847	0.255 ug/L	72
34) Trichloroethene	8.71	95	285734	6.162 ug/L	95
35) Methylcyclohexane	8.90	83	42350	0.640 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	22071	0.582 ug/L #	94
48) 2-Hexanone	10.59	43	24476	3.310 ug/L #	73

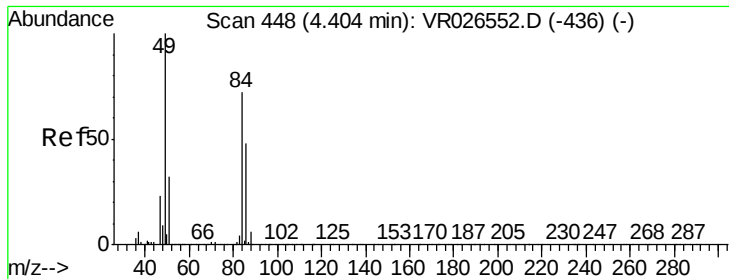
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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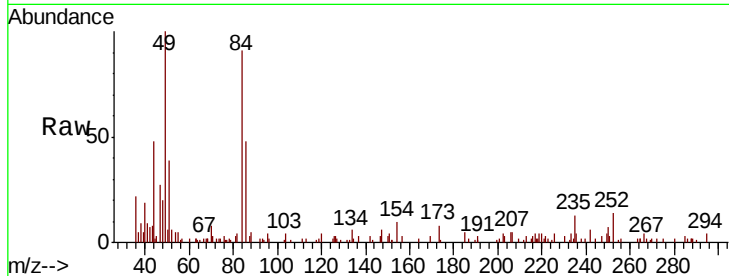




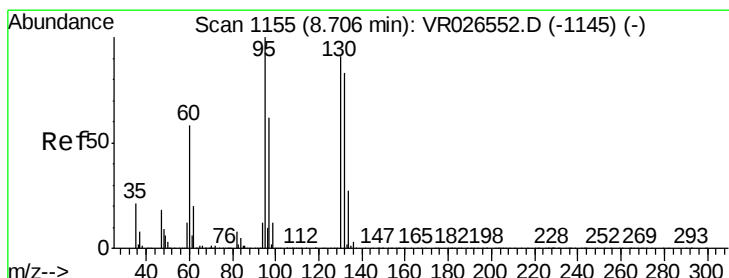
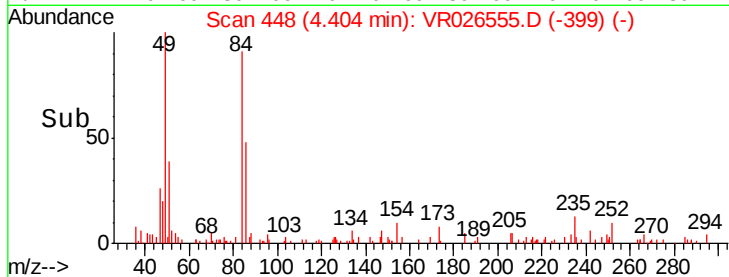
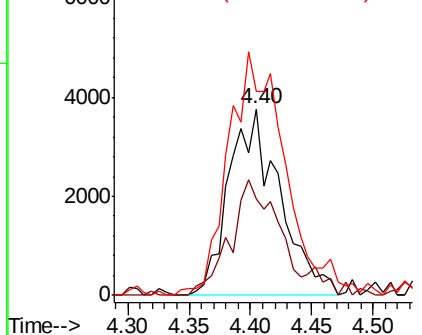
#16
Methylene chloride
Concen: 0.255 ug/L
RT: 4.40 min Scan# 448
Delta R.T. -0.00 min
Lab File: VR026555.D
Acq: 10 Apr 2019 16:43

Instrument :
MSVOA_R
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Tot Ion: 84 Resp: 10847
Ion Ratio Lower Upper
84 100
86 52.0 45.6 84.6
49 109.5 106.5 197.9

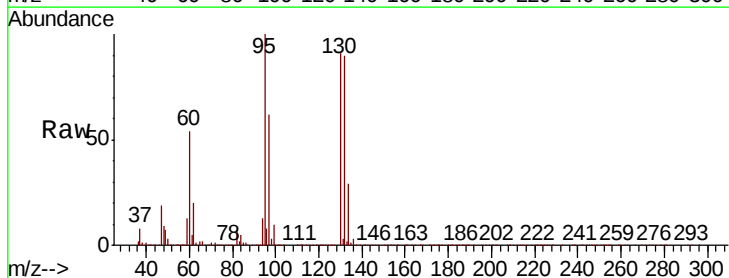


Abundance Ion 84.05 (83.75 to 84.75): VR0
Ion 86.00 (85.70 to 86.70): VR0
Ion 49.10 (48.80 to 49.80): VR0

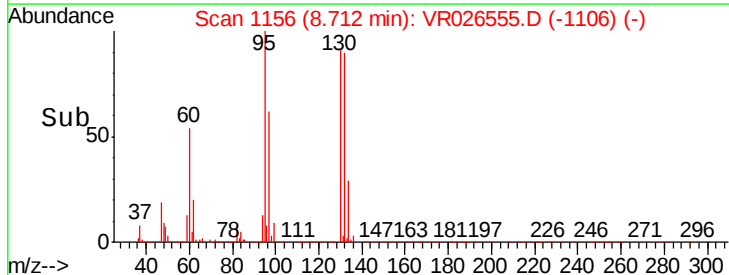
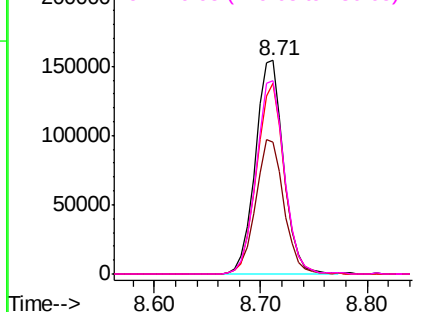


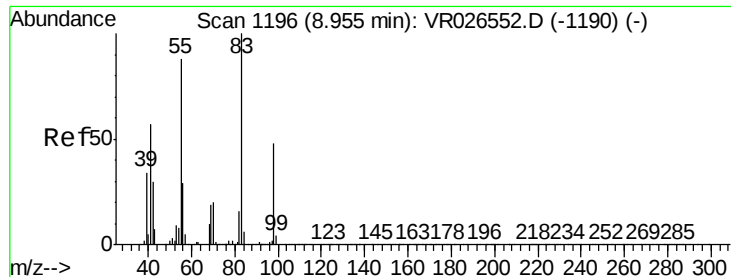
#34
Trichloroethene
Concen: 6.162 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VR026555.D
Acq: 10 Apr 2019 16:43

Tgt Ion: 95 Resp: 285734
Ion Ratio Lower Upper
95 100
97 61.9 43.8 81.3
132 89.5 57.2 106.2
130 90.5 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: 0.640 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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Instrument :

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ClientSampleId :

BEZC3DL

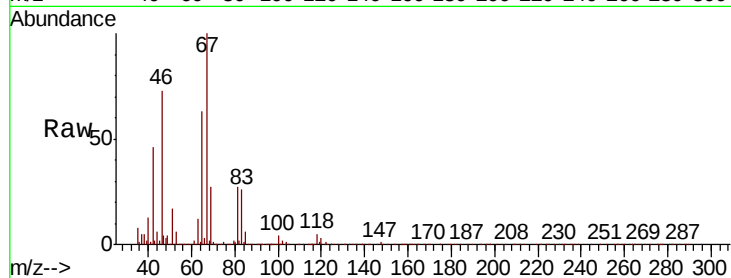
Tot Ion: 83 Resp: 42350

Ion Ratio Lower Upper

83 100

55 1.5 73.8 110.6#

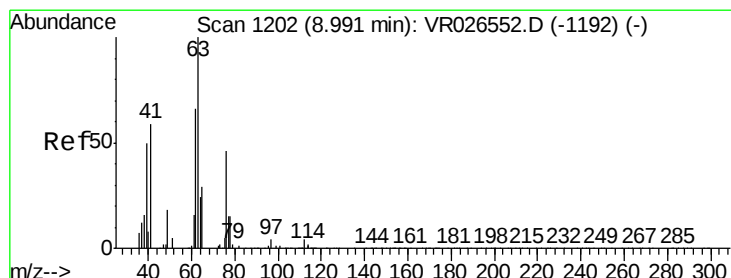
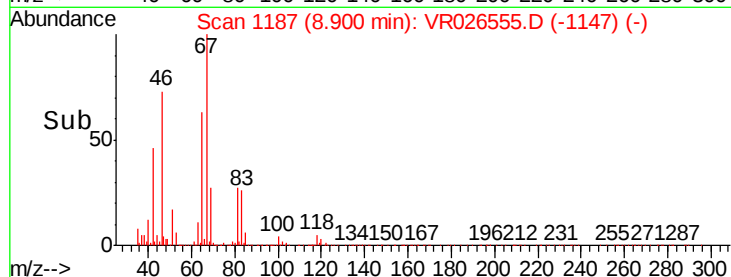
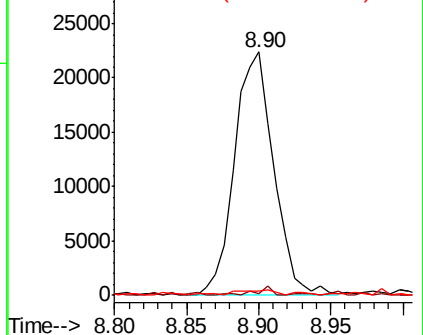
98 2.1 34.6 51.8#



Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



#37

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026555.D

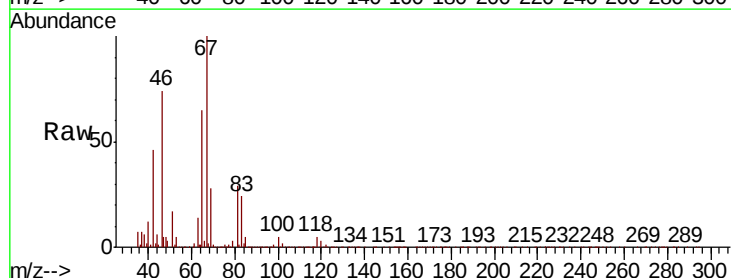
Acq: 10 Apr 2019 16:43

Tgt Ion: 63 Resp: 22071

Ion Ratio Lower Upper

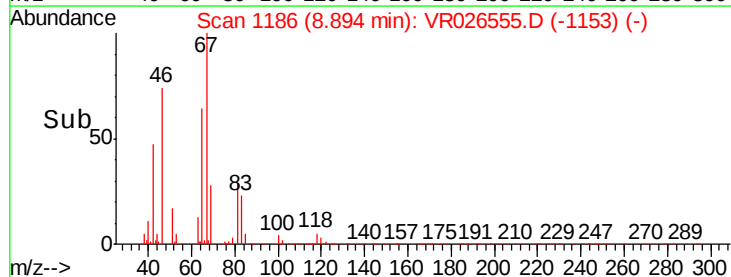
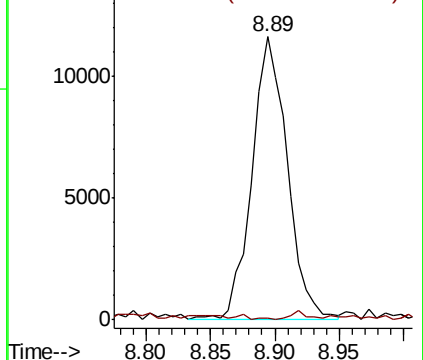
63 100

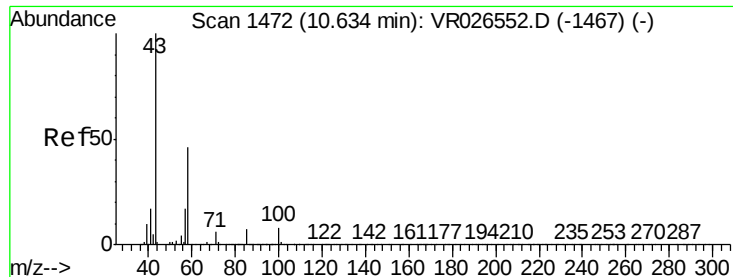
112 1.6 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 3.310 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

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Tot Ion: 43 Resp: 24476

Ion Ratio Lower Upper

43 100

58 27.5 38.2 57.2#

57 28.8 13.8 20.6#

100 6.0 6.2 9.2#

