

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026565.D
 Acq On : 10 Apr 2019 22:04
 Operator : SY/MD
 Sample : K2289-20
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZK0

Quant Time: Apr 11 04:24:11 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	537909	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	442157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	127074	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	157218	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	2.62	69	146922	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	3.60	63	332271	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	6.58	46	166804	45.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.56%
24) Chloroform-d	7.20	84	338830	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	7.89	65	144455	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	7.85	84	597915	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	8.89	67	163623	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	9.97	98	535237	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	10.24	79	32809	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
46) 2-Hexanone-d5	10.59	63	139787	53.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65578	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	111204	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

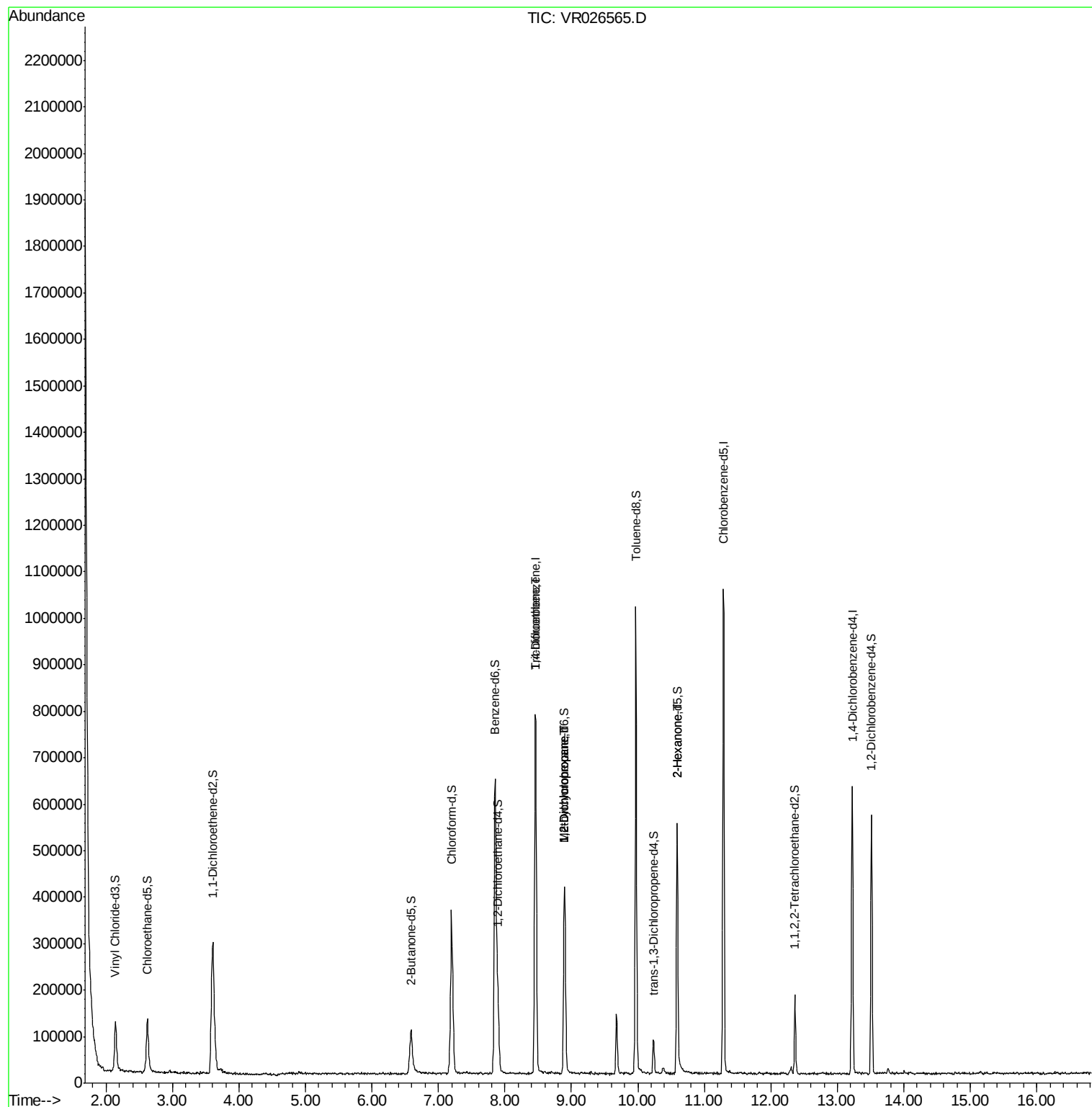
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
34) Trichloroethene	8.46	95	18657	0.403	ug/L #	14
35) Methylcyclohexane	8.89	83	42292	0.641	ug/L #	14
37) 1,2-Dichloropropane	8.90	63	21320	0.563	ug/L #	95
48) 2-Hexanone	10.59	43	23973	3.248	ug/L #	74

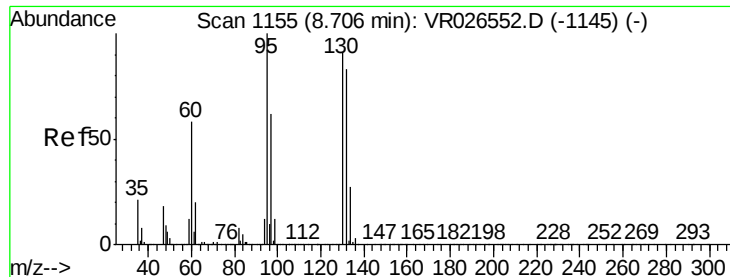
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.403 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

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ClientSampleId :

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Tot Ion: 95 Resp: 18657

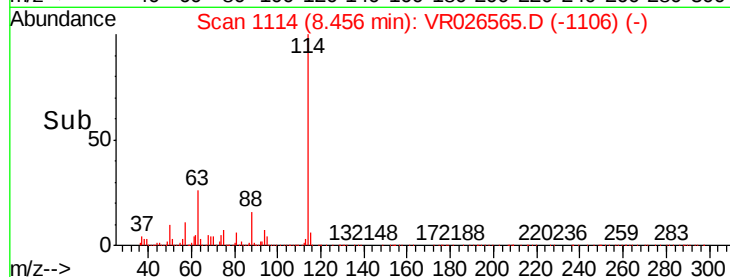
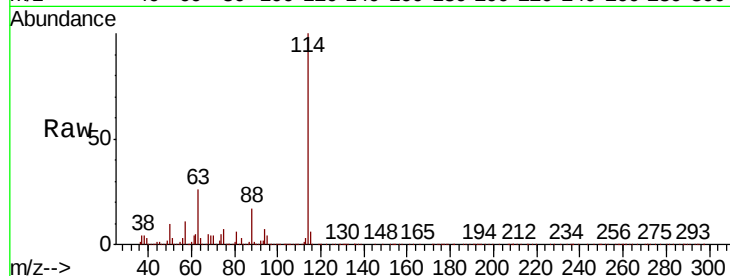
Ion Ratio Lower Upper

95 100

97 2.4 43.8 81.3#

132 1.6 57.2 106.2#

130 3.4 59.7 110.9#

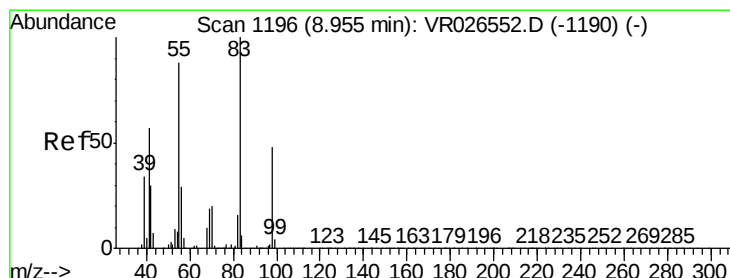
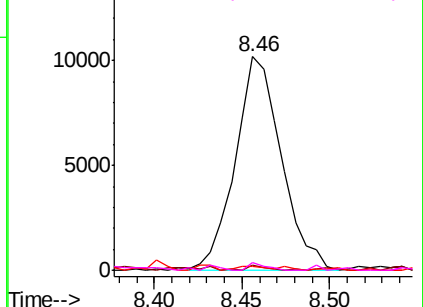


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.641 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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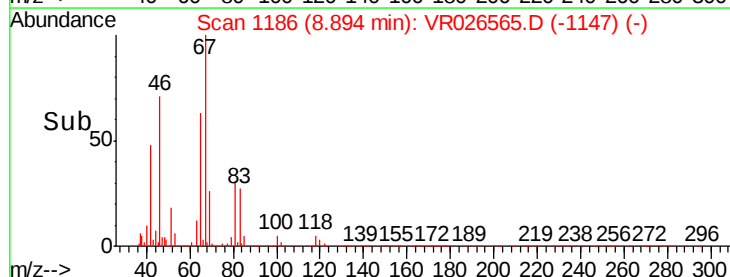
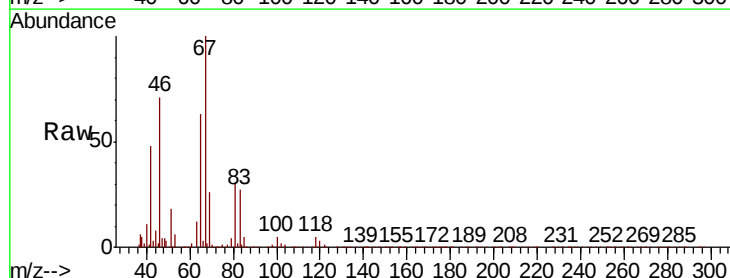
Tgt Ion: 83 Resp: 42292

Ion Ratio Lower Upper

83 100

55 1.1 73.8 110.6#

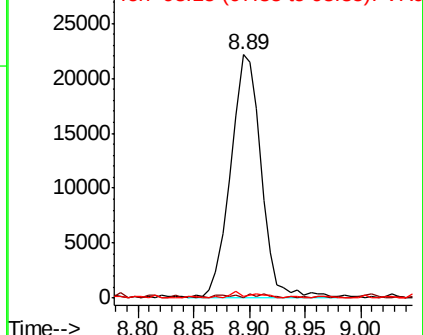
98 1.3 34.6 51.8#

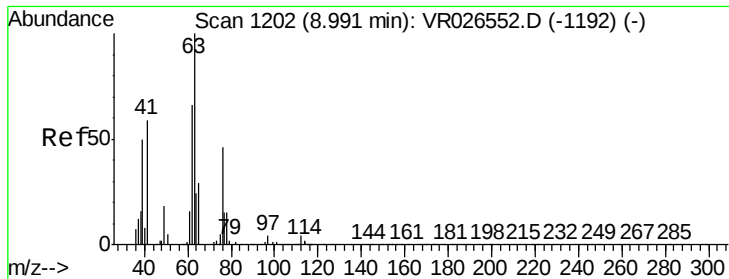


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

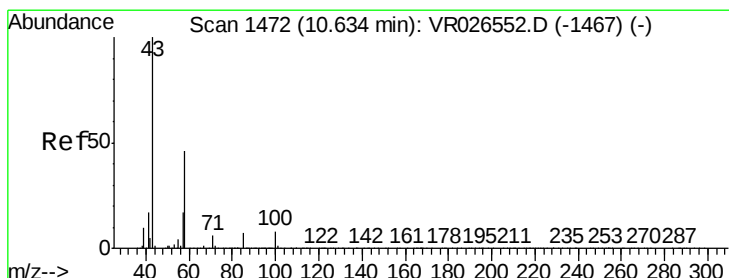
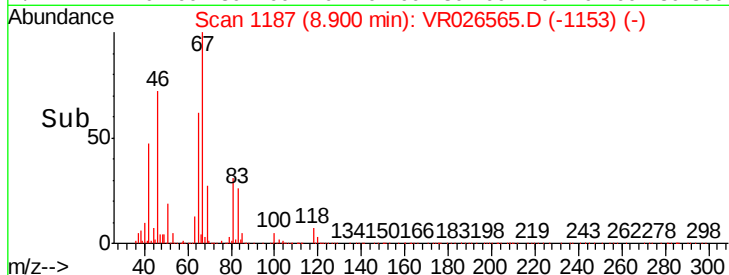
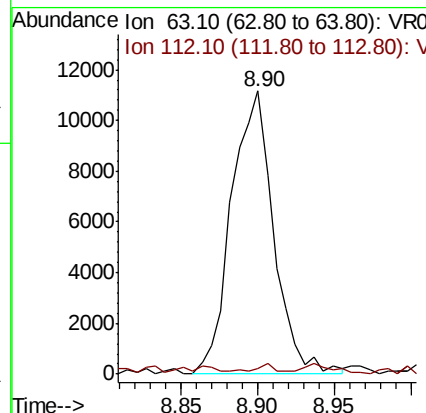
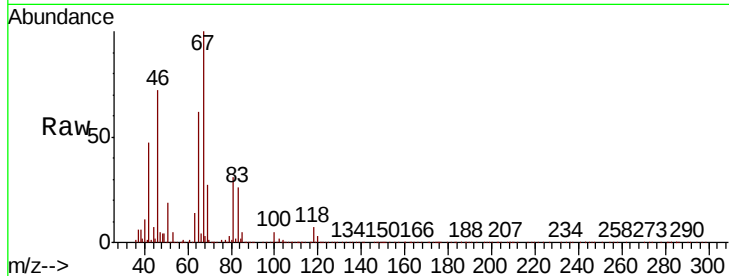




#37
 1,2-Dichloropropane
 Concen: 0.563 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
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Tot Ion: 63 Resp: 21320
 Ion Ratio Lower Upper
 63 100
 112 1.9 2.8 4.2#



#48
 2-Hexanone
 Concen: 3.248 ug/L
 RT: 10.59 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: VR026565.D
 Acq: 10 Apr 2019 22:04

Tgt Ion: 43 Resp: 23973
 Ion Ratio Lower Upper
 43 100
 58 29.4 38.2 57.2#
 57 30.9 13.8 20.6#
 100 6.9 6.2 9.2

