

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026540.D
 Acq On : 10 Apr 2019 5:26
 Operator : SY/MD
 Sample : K2289-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZG0

Quant Time: Apr 10 08:08:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 07:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	546468	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	449327	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	130048	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	176517	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	2.63	69	156093	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	3.60	63	371007	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	6.59	46	181005	48.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	7.20	84	364398	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	7.89	65	158013	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	7.85	84	659729	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	8.89	67	185780	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	9.97	98	602425	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	10.23	79	35715	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	10.59	63	147652	55.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70319	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	120057	6.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.00%#

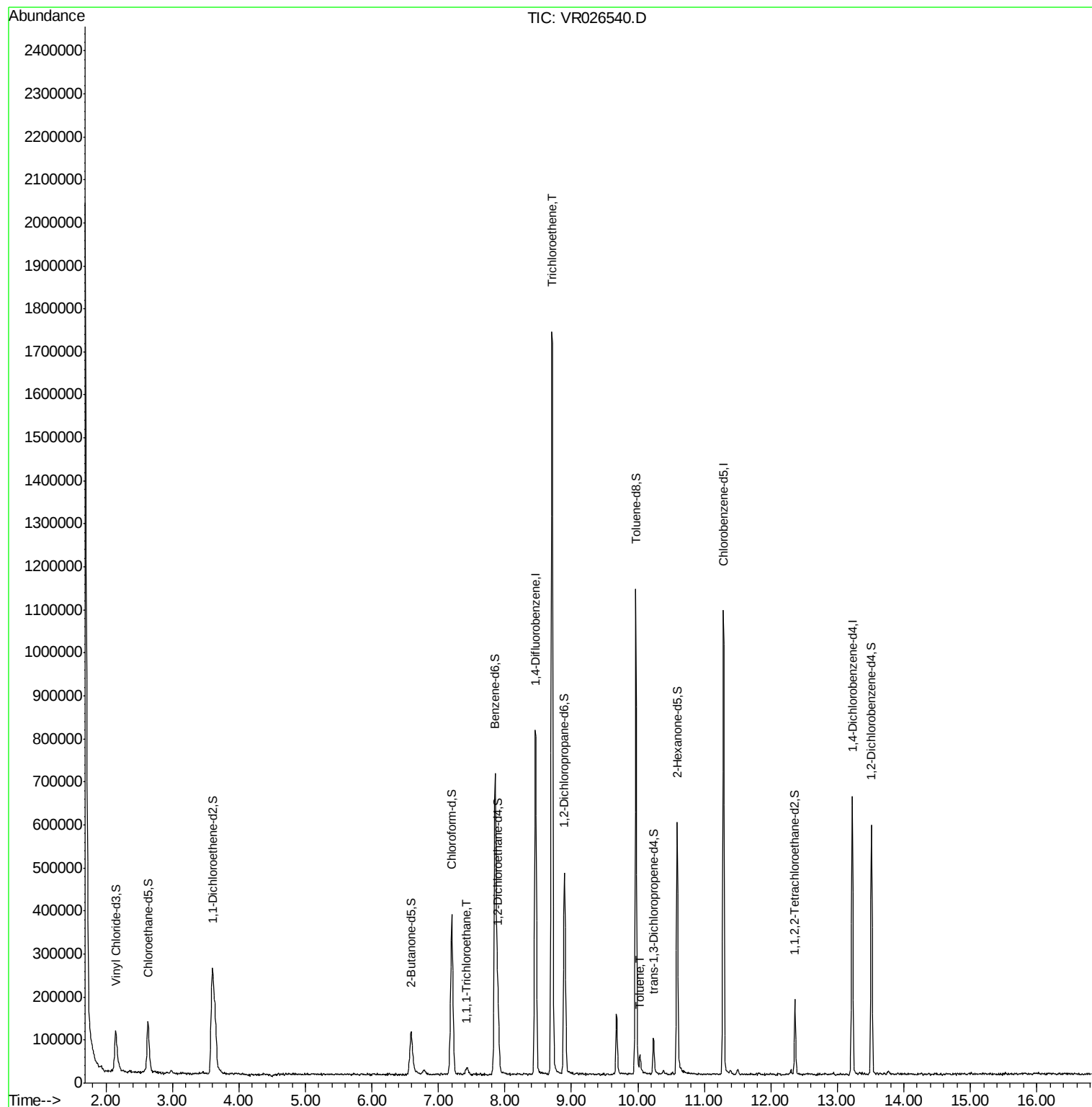
Target Compounds					Ovalue
29) 1,1,1-Trichloroethane	7.42	97	13195	0.178 ug/L	90
34) Trichloroethene	8.71	95	546240	11.613 ug/L	97
42) Toluene	10.04	91	23648	0.131 ug/L	87

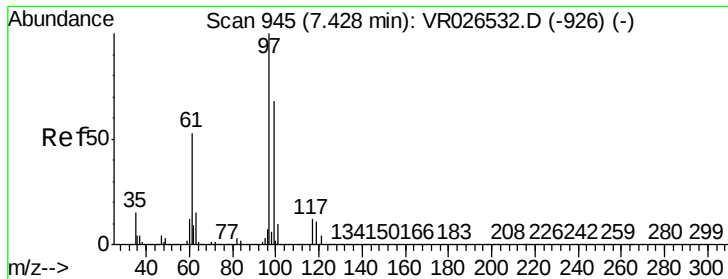
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

1,1,1-Trichloroethane

Concen: 0.178 ug/L

RT: 7.42 min Scan# 944

Delta R.T. -0.01 min

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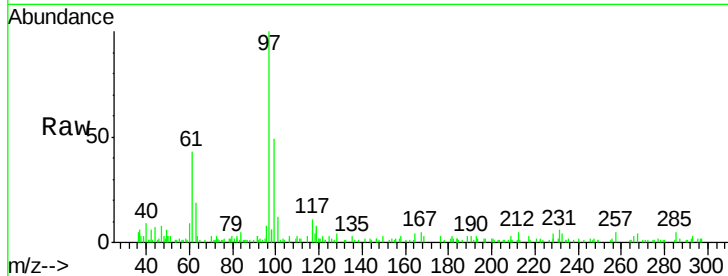
Tot Ion: 97 Resp: 13195

Ion Ratio Lower Upper

97 100

99 56.6 49.6 74.4

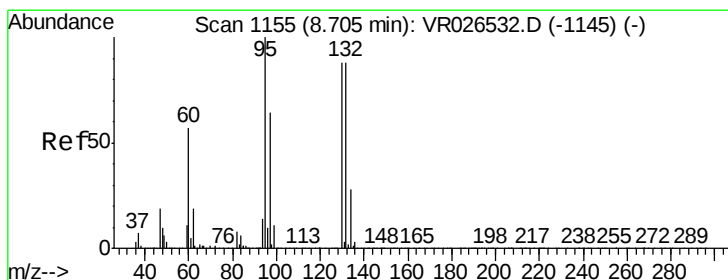
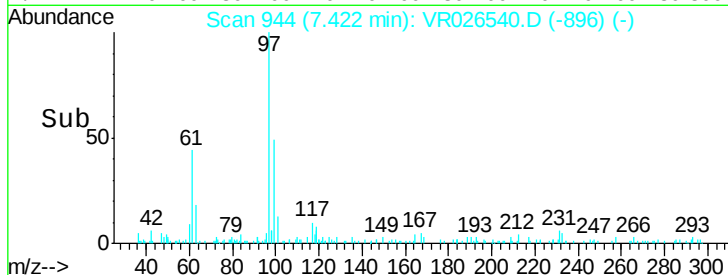
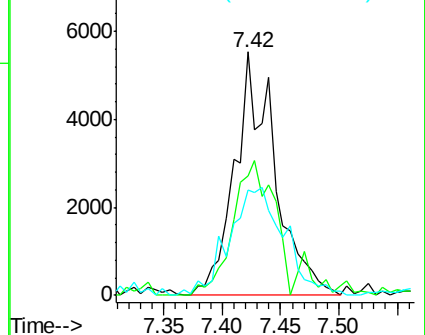
61 61.5 41.8 62.6



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: 11.613 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 546240

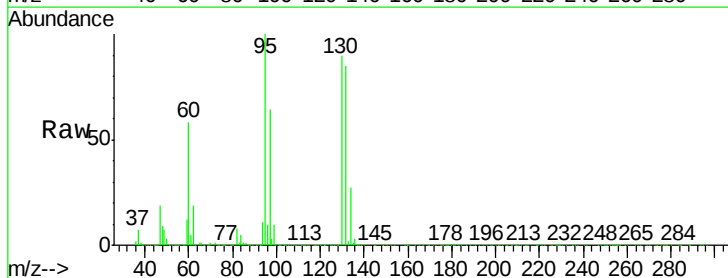
Ion Ratio Lower Upper

95 100

97 63.9 43.8 81.3

132 84.6 57.2 106.2

130 89.7 59.7 110.9

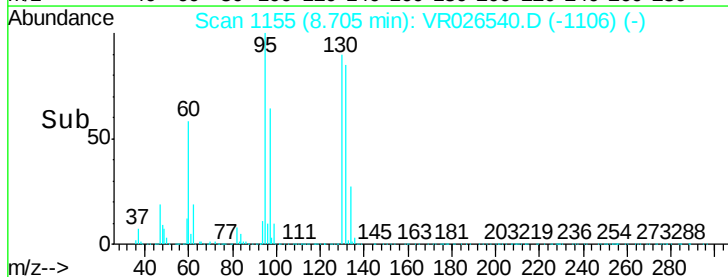
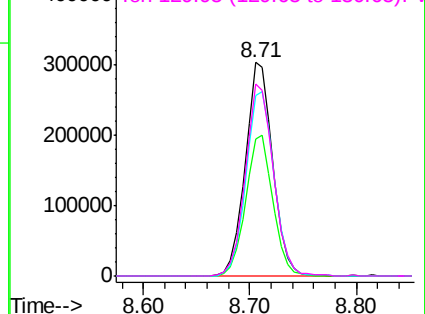


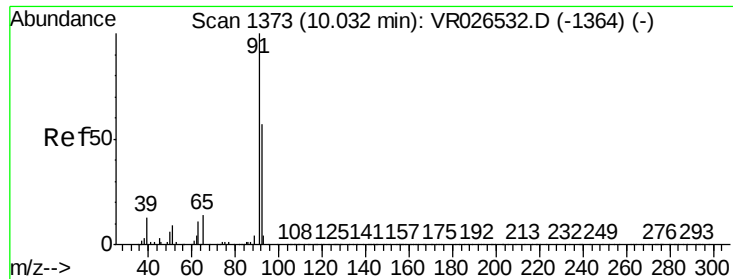
Abundance Ion 95.00 (94.70 to 95.70): VR0

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





#42

Toluene

Concen: 0.131 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.01 min

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Tot Ion: 91 Resp: 23648

Ion Ratio Lower Upper

91 100

92 48.8 40.9 75.9

