

Data File : VR025459.D
Acq On : 12 Jul 2018 19:12
Operator : SY/MD
Sample : J3960-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AG7

Quant Time: Jul 13 01:25:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 13 00:37:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	742158	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	595128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	200849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	109532	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	2.62	69	89269	5.12	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	3.63	63	234279	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	6.59	46	307983	48.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	7.20	84	482839	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	7.89	65	185408	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	7.86	84	1030034	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	8.90	67	283399	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	9.97	98	883829	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	10.24	79	68144	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	10.59	63	260929	52.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.48%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	119828	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	188779	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

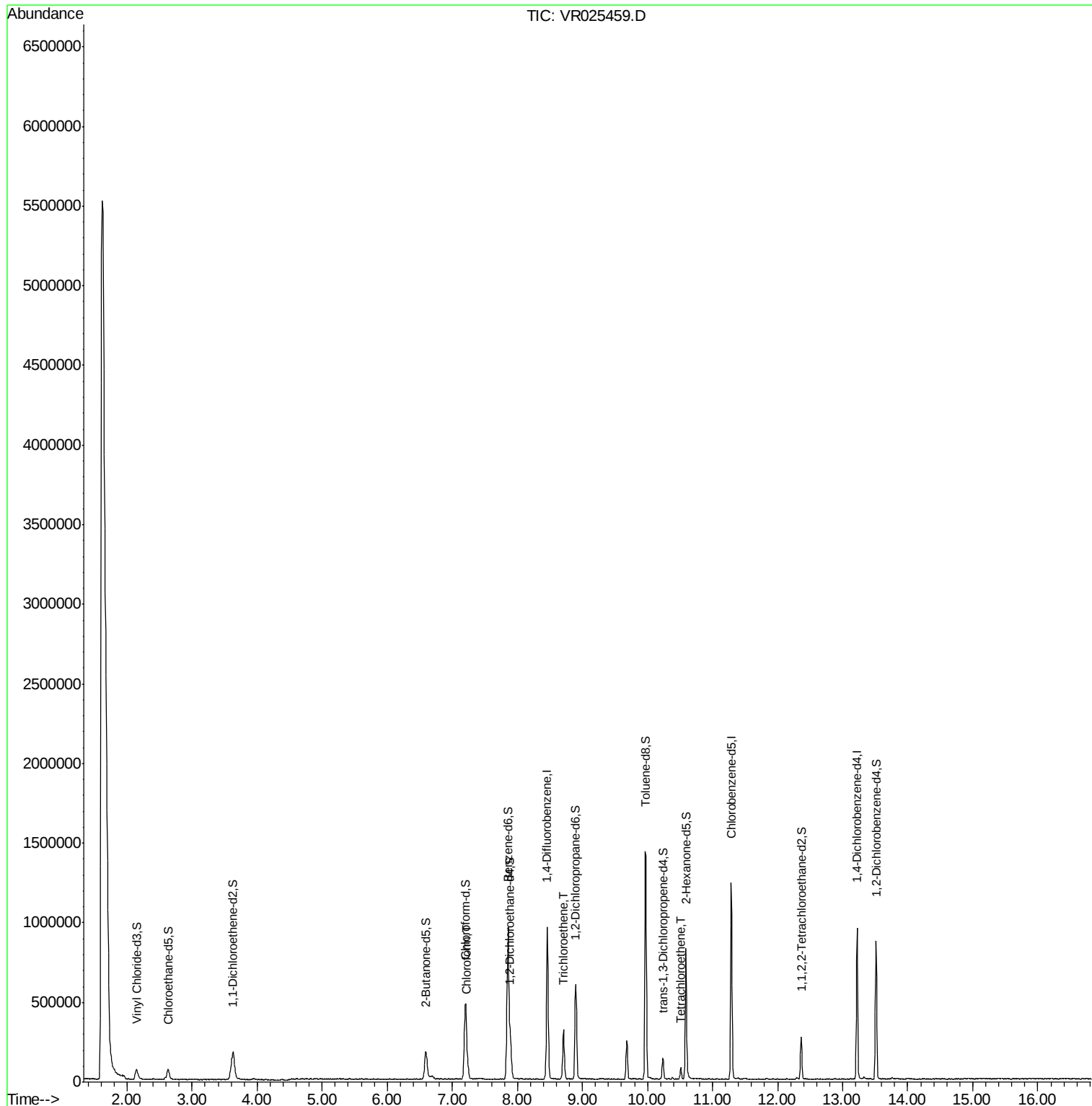
Target Compounds						Qvalue
25) Chloroform	7.23	83	74547	0.820	ug/L	97
34) Trichloroethene	8.71	95	110261	2.111	ug/L	93
47) Tetrachloroethene	10.52	164	14530	0.426	ug/L	86

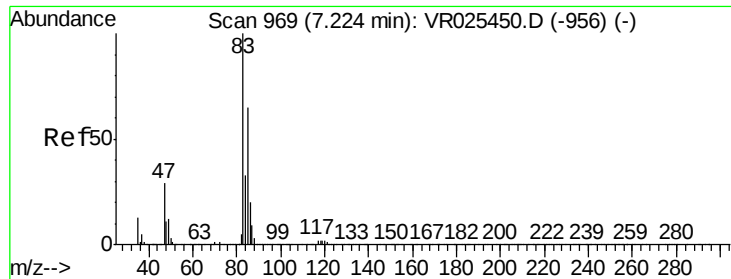
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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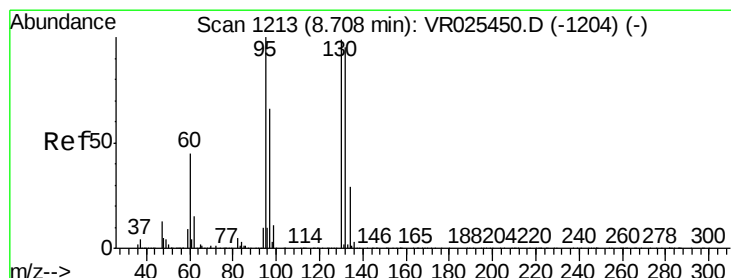
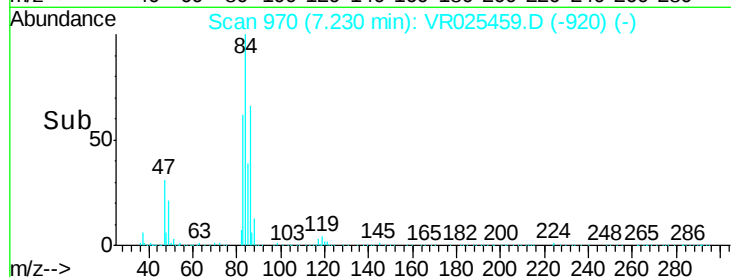
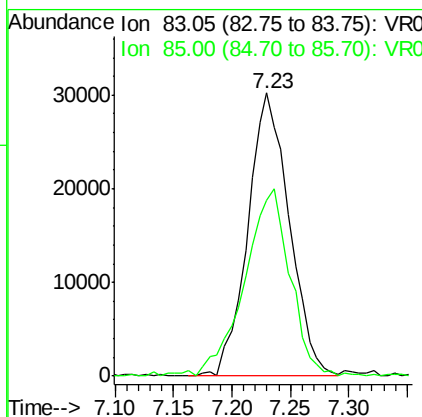
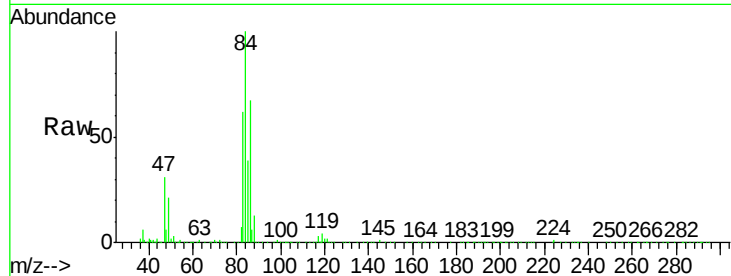




#25
Chloroform
Concen: 0.820 ug/L
RT: 7.23 min Scan# 970
Delta R.T. 0.01 min
Lab File: VR025459.D
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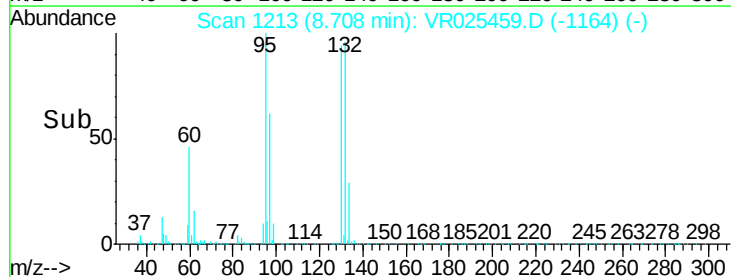
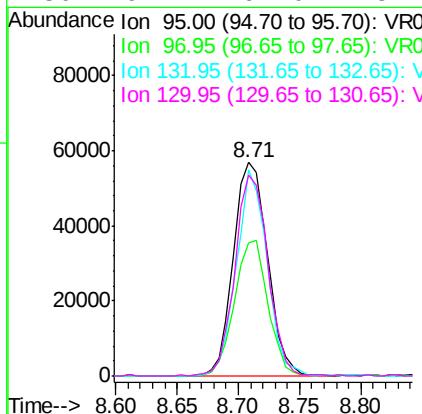
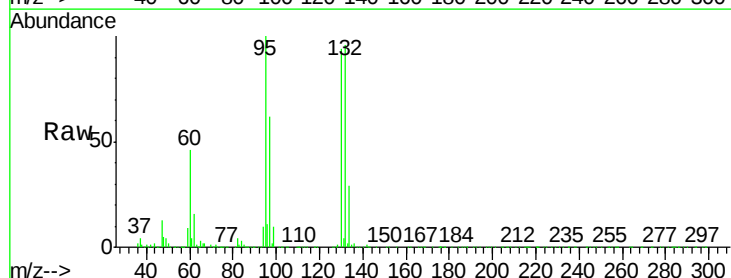
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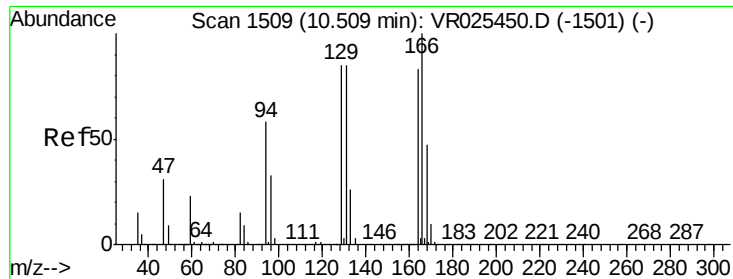
Tgt Ion: 83 Resp: 74547
Ion Ratio Lower Upper
83 100
85 62.2 45.4 84.4



#34
Trichloroethene
Concen: 2.111 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. -0.00 min
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Acq: 12 Jul 2018 19:12

Tgt Ion: 95 Resp: 110261
Ion Ratio Lower Upper
95 100
97 62.1 45.6 84.6
132 96.3 60.9 113.1
130 94.2 62.0 115.2





#47

Tetrachloroethene

Concen: 0.426 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VR025459.D

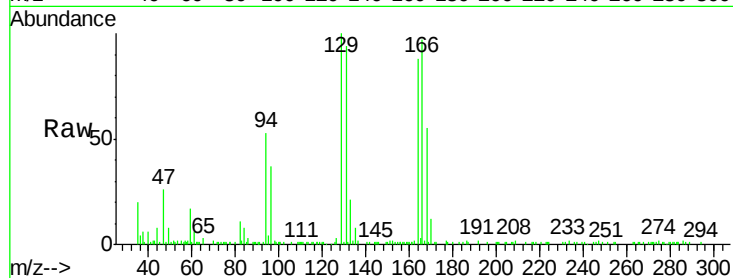
Acq: 12 Jul 2018 19:12

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Tgt Ion:164 Resp: 14530

Ion Ratio Lower Upper

164 100

129 113.9 68.1 126.5

131 106.8 68.5 127.1

166 110.2 89.9 166.9

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

