

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR090718\
 Data File : VR025687.D
 Acq On : 7 Sep 2018 14:46
 Operator : SY/MD
 Sample : VR0907WBL01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK93

Quant Time: Sep 08 03:05:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 08 02:10:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	736519	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	603472	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	187505	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	162170	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	2.62	69	131710	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	3.63	63	288669	3.30	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	6.59	46	131646	40.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.46%
24) Chloroform-d	7.20	84	308113	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	7.90	65	101912	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
32) Benzene-d6	7.85	84	756197	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	8.90	67	191961	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	9.97	98	673130	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	10.24	79	38476	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	10.59	63	140919	43.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.88%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79052	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	136006	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

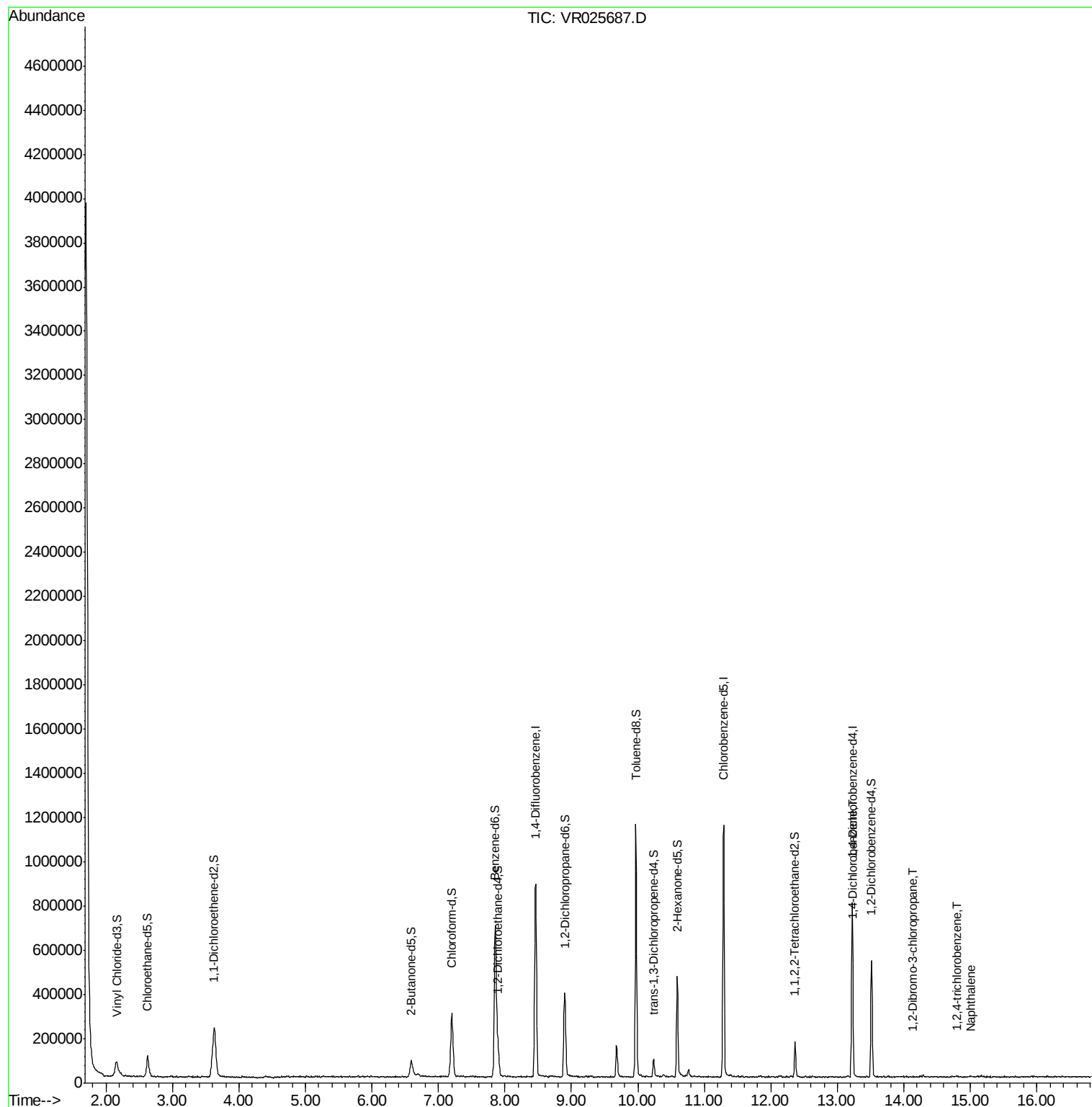
					Qvalue
63) 1,4-Dichlorobenzene	13.24	146	3406	0.051 ug/L #	65
66) 1,2-Dibromo-3-chloropropan	14.14	75	656	0.441 ug/L #	16
68) 1,2,4-trichlorobenzene	14.79	180	2185	0.102 ug/L #	95
69) Naphthalene	15.01	128	2303	0.096 ug/L #	72

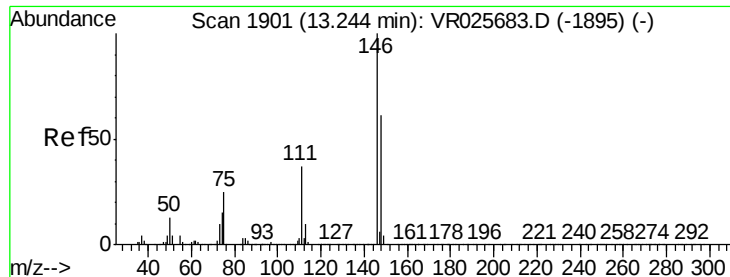
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#63

1,4-Dichlorobenzene

Concen: 0.051 ug/L

RT: 13.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: VR025687.D

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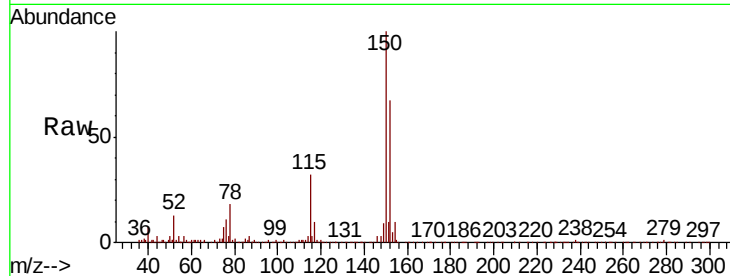
Tgt Ion:146 Resp: 3406

Ion Ratio Lower Upper

146 100

111 55.6 26.2 48.6#

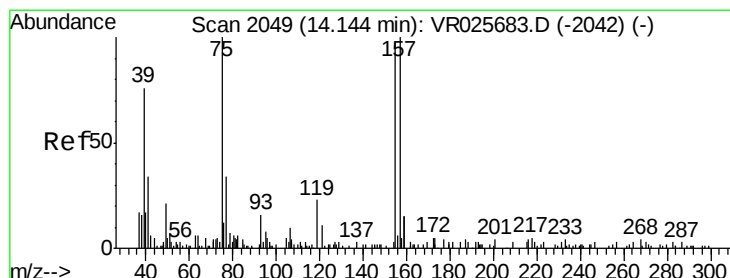
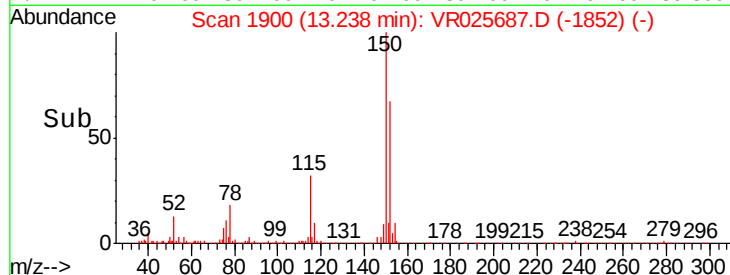
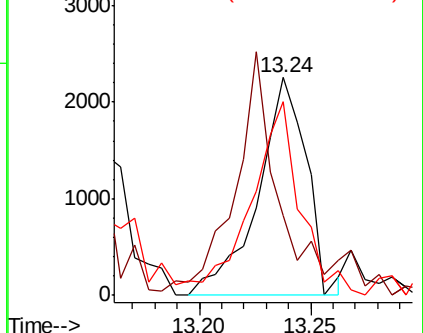
148 89.3 42.7 79.3#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.441 ug/L

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VR025687.D

Acq: 7 Sep 2018 14:46

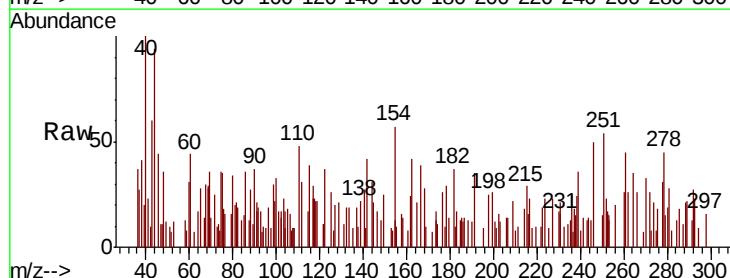
Tgt Ion: 75 Resp: 656

Ion Ratio Lower Upper

75 100

155 33.1 79.3 118.9#

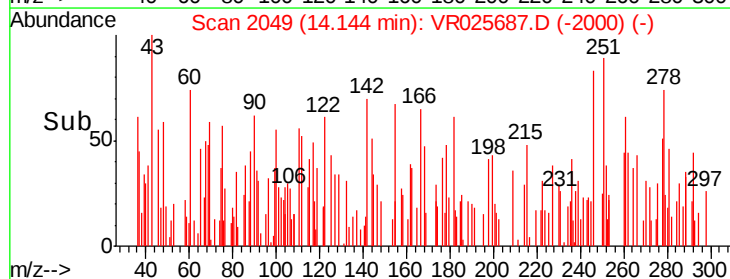
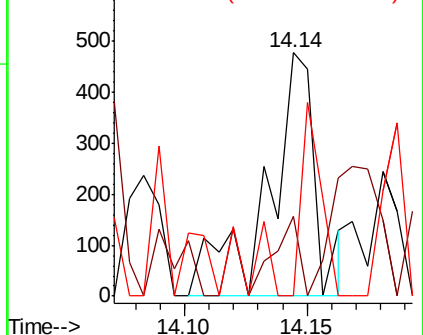
157 0.0 81.4 122.2#

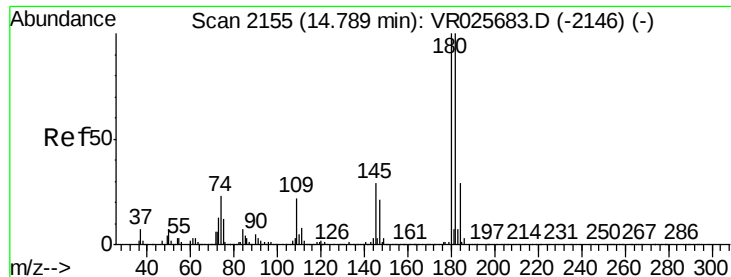


Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

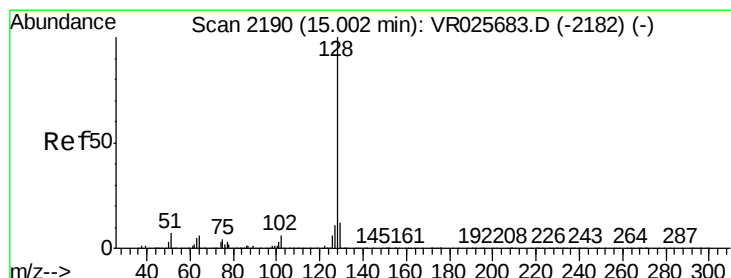
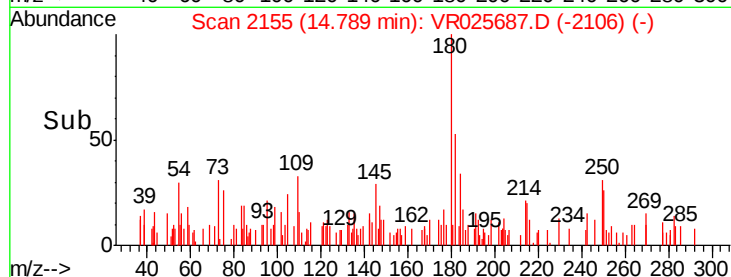
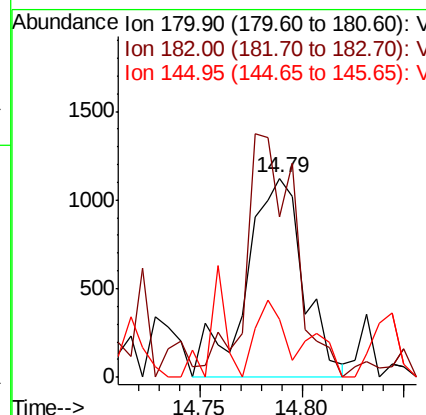
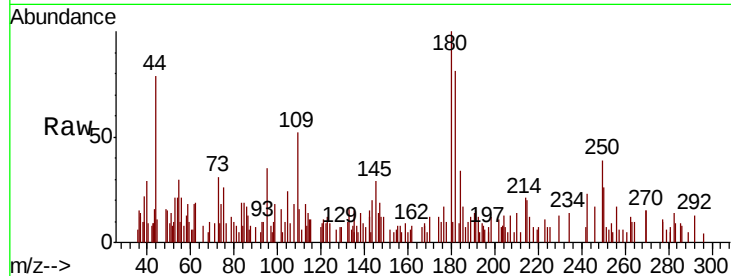




#68
 1,2,4-trichlorobenzene
 Concen: 0.102 ug/L
 RT: 14.79 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VR025687.D
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Tgt Ion:180 Resp: 2185
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 115.0
 145 19.0 24.8 37.2#



#69
 Naphthalene
 Concen: 0.096 ug/L
 RT: 15.01 min Scan# 2191
 Delta R.T. 0.01 min
 Lab File: VR025687.D
 Acq: 7 Sep 2018 14:46

Tgt Ion:128 Resp: 2303
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 20.1 9.0 13.6#

