

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002687.D
 Acq On : 18 Jun 2018 18:48
 Operator : JC/MD
 Sample : J3525-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TPTW-04

Integration Parameters: RTEINT3.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.581	161	163	175	rVB3	29122	59285	8.19%	1.055%
2	2.190	260	263	270	rVB4	6400	10146	1.40%	0.181%
3	2.453	299	306	322	rVB	166060	321249	44.38%	5.716%
4	2.575	322	326	328	rBV2	7235	10873	1.50%	0.193%
5	2.623	328	334	342	rBV	84184	153651	21.23%	2.734%
6	3.209	424	430	439	rVB	39213	93990	12.98%	1.673%
7	3.428	458	466	472	rVB2	7803	18756	2.59%	0.334%
8	4.720	669	678	684	rBV2	13988	40132	5.54%	0.714%
9	4.794	684	690	701	rVB2	9026	29186	4.03%	0.519%
10	5.025	717	728	742	rVB2	97096	288969	39.92%	5.142%
11	5.184	744	754	770	rVB5	15736	58788	8.12%	1.046%
12	6.074	889	900	906	rBV	104736	267393	36.94%	4.758%
13	6.147	906	912	925	rVB2	79552	213811	29.54%	3.805%
14	6.482	958	967	977	rVB10	5444	20086	2.77%	0.357%
15	6.775	1008	1015	1021	rBV	8226	18558	2.56%	0.330%
16	6.866	1021	1030	1050	rVB	228480	543964	75.15%	9.680%
17	7.568	1139	1145	1156	rVB2	7180	19373	2.68%	0.345%
18	7.994	1210	1215	1224	rBV6	3816	8506	1.18%	0.151%
19	8.659	1316	1324	1328	rBV	29856	48637	6.72%	0.865%
20	8.720	1328	1334	1341	rVV	469438	723869	100.00%	12.881%
21	8.787	1341	1345	1352	rVB	27073	43412	6.00%	0.772%
22	8.884	1357	1361	1364	rVV2	6449	11482	1.59%	0.204%
23	8.915	1364	1366	1376	rVB4	5194	8488	1.17%	0.151%
24	9.110	1395	1398	1403	rVB2	5711	7990	1.10%	0.142%
25	9.445	1448	1453	1458	rBV	9463	14331	1.98%	0.255%
26	9.506	1460	1463	1470	rVV6	3876	8562	1.18%	0.152%
27	9.592	1470	1477	1483	rVB4	5458	9856	1.36%	0.175%
28	10.012	1540	1546	1553	rBV2	6362	10015	1.38%	0.178%
29	10.116	1553	1563	1576	rVV	483956	645532	89.18%	11.487%
30	10.256	1582	1586	1591	rBV3	7362	11971	1.65%	0.213%
31	10.360	1597	1603	1609	rVB	16048	28744	3.97%	0.511%
32	10.701	1655	1659	1665	rBV	16209	22597	3.12%	0.402%
33	10.829	1675	1680	1684	rBV2	6240	10369	1.43%	0.185%
34	11.012	1705	1710	1718	rVB5	6614	14196	1.96%	0.253%

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 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

35	11.140	1726	1731	1737	rBV	404214	514079	71.02%	9.148%
36	11.231	1742	1746	1754	rVB7	7289	13831	1.91%	0.246%
37	11.366	1763	1768	1772	rVB3	5719	7865	1.09%	0.140%
38	11.439	1775	1780	1782	rBV5	5155	8861	1.22%	0.158%
39	11.512	1786	1792	1796	rBV3	10508	17777	2.46%	0.316%
40	11.670	1814	1818	1821	rBV2	6279	8117	1.12%	0.144%
41	11.811	1837	1841	1849	rVB	22858	33561	4.64%	0.597%
42	11.951	1860	1864	1868	rBV4	6933	8957	1.24%	0.159%
43	12.030	1872	1877	1880	rBV5	7569	10178	1.41%	0.181%
44	12.073	1880	1884	1892	rVB3	15352	25740	3.56%	0.458%
45	12.146	1892	1896	1903	rBV3	12915	26118	3.61%	0.465%
46	12.213	1903	1907	1913	rVB7	5510	9738	1.35%	0.173%
47	12.274	1913	1917	1919	rBV	15329	19190	2.65%	0.341%
48	12.304	1919	1922	1927	rVB	10518	13480	1.86%	0.240%
49	12.390	1931	1936	1943	rVB8	7736	19774	2.73%	0.352%
50	12.469	1945	1949	1954	rBV4	10750	19787	2.73%	0.352%
51	12.609	1964	1972	1980	rBV6	9944	26048	3.60%	0.464%
52	12.969	2026	2031	2037	rBV	197898	254463	35.15%	4.528%
53	13.024	2037	2040	2043	rVB3	8682	11613	1.60%	0.207%
54	13.225	2066	2073	2082	rBV6	14872	26197	3.62%	0.466%
55	13.310	2083	2087	2090	rVV6	6410	10542	1.46%	0.188%
56	13.353	2090	2094	2098	rVV3	20461	31534	4.36%	0.561%
57	13.402	2098	2102	2110	rVB	38076	56657	7.83%	1.008%
58	13.481	2111	2115	2120	rVV3	12727	17519	2.42%	0.312%
59	13.573	2120	2130	2138	rVV	217576	331483	45.79%	5.899%
60	13.652	2138	2143	2148	rVV7	21159	40449	5.59%	0.720%
61	13.725	2150	2155	2162	rVV5	9469	21659	2.99%	0.385%
62	13.792	2162	2166	2170	rVV	54338	72446	10.01%	1.289%
63	13.841	2170	2174	2178	rVV	61968	85520	11.81%	1.522%
64	14.164	2219	2227	2231	rBV7	6220	11445	1.58%	0.204%
65	14.280	2242	2246	2248	rBV4	5033	8258	1.14%	0.147%
66	14.542	2285	2289	2298	rVB9	6594	11217	1.55%	0.200%
67	14.700	2306	2315	2320	rBV	13607	23917	3.30%	0.426%
68	14.847	2334	2339	2343	rBV	16806	24913	3.44%	0.443%

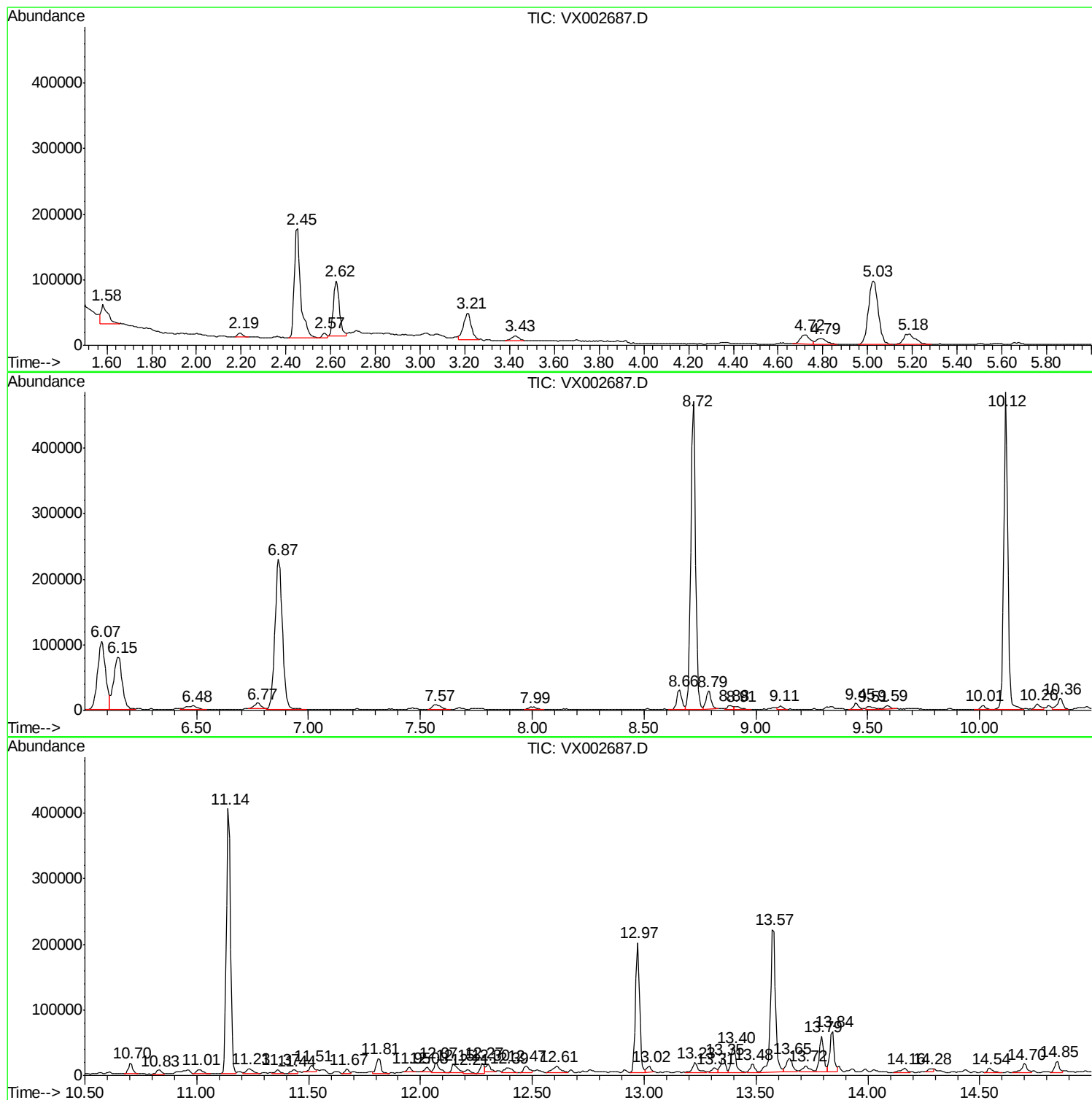
Sum of corrected areas: 5619700

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 1 Methanethiol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.58	6.15 ug/l	59285	Bromochloromethane	5.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methanethiol	48 CH4S	000074-93-1 86
2		Methanethiol	48 CH4S	000074-93-1 86
3		Ethanol, 2-mercapto-	78 C2H6OS	000060-24-2 64
4		Diethylpropion Hydrochloride	205 C13H19NO	000134-80-5 25
5		Propanal, 3-(methylthio)-	104 C4H8OS	003268-49-3 9

 Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.62	15.95 ug/l	153651	Bromochloromethane	5.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Isopropyl Alcohol	60 C3H8O	000067-63-0 78
2		Isopropyl Alcohol	60 C3H8O	000067-63-0 64
3		Isopropyl Alcohol	60 C3H8O	000067-63-0 64
4		Hydrazine, ethyl-	60 C2H8N2	000624-80-6 40
5		Hydrazine, 1,2-dimethyl-	60 C2H8N2	000540-73-8 9

 Peak Number 3 Silanol, dimethyl(1,1,2-tri... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	3.03 ug/l	29186	Bromochloromethane	5.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Silanol, dimethyl(1,1,2-trimethy...	160 C8H20OSi	055644-10-5 56
2		Formamide, N-methylthio	75 C2H5NS	018952-41-5 56
3		1,2,4-Butanetriol	106 C4H10O3	003068-00-6 39
4		Ethanethioamide	75 C2H5NS	000062-55-5 9
5		Mercaptamine	77 C2H7NS	000060-23-1 9

 Peak Number 4 Furan, tetrahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
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5.18	6.10 ug/l	58788	Bromochloromethane	5.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Furan, tetrahydro-	72 C4H8O	000109-99-9 58
2		Furan, tetrahydro-	72 C4H8O	000109-99-9 53
3		Furan, tetrahydro-	72 C4H8O	000109-99-9 53
4		Oxirane, ethyl-	72 C4H8O	000106-88-7 53
5		1-Propene, 2-methoxy-	72 C4H8O	000116-11-0 43

 Peak Number 5 Bicyclo[2.2.1]heptan-2-one, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	11.83 ug/l	254463	Chlorobenzene-d5	10.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152 C10H16O	004695-62-9 95
2		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152 C10H16O	001195-79-5 95
3		L-Fenchone	152 C10H16O	000126-21-6 94
4		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152 C10H16O	007787-20-4 94
5		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152 C10H16O	004695-62-9 91

 Peak Number 6 Camphor Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	15.41 ug/l	331483	Chlorobenzene-d5	10.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Camphor	152 C10H16O	000076-22-2 98
2		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-49-3 98
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-49-3 98
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2 98
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2 97

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methanethiol	1.58	6.2	ug/l	59285	1	5.03	288969	30.0
Isopropyl Alcohol	2.62	15.9	ug/l	153651	1	5.03	288969	30.0
Silanol, dimethyl...	4.79	3.0	ug/l	29186	1	5.03	288969	30.0
Furan, tetrahydro-	5.18	6.1	ug/l	58788	1	5.03	288969	30.0
Bicyclo[2.2.1]hep...	12.97	11.8	ug/l	254463	3	10.12	645532	30.0
Camphor	13.57	15.4	ug/l	331483	3	10.12	645532	30.0