LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012424\
Data File : VV033845.D
Acq On : 24 Jan 2024 11:58
Operator : SY/MD
Sample : P1191-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMP1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Title : VOC Analysis

Signal : TIC: VV033845.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.166	33	39	51	rBV	43140	49805	5.63%	0.625%
2	1.281	68	75	88	rBV	149067	166520	18.82%	2.090%
3	1.352	91	97	106	rVB	16832	19274	2.18%	0.242%
4	1.532	146	153	172	rVB	106633	129685	14.66%	1.628%
5	1.834	238	247	269	rBV	93720	155058	17.52%	1.946%
6	2.059	307	317	328	rBV	220428	321917	36.38%	4.041%
7	2.243	360	374	391	rVB3	6311	16042	1.81%	0.201%
8	2.333	394	402	411	rBV3	4498	7805	0.88%	0.098%
9	2.449	429	438	455	rVB	12622	22242	2.51%	0.279%
10	2.561	463	473	487	rVB4	1470	3264	0.37%	0.041%
11	2.703	511	517	524	rVB4	793	1122	0.13%	0.014%
12	2.886	565	574	590	rVV3	3085	6786	0.77%	0.085%
13	3.320	701	709	713	rBV2	1157	1877	0.21%	0.024%
14	3.612	793	800	804	rBV5	833	1401	0.16%	0.018%
15	3.783	844	853	883	rBV3	56311	204619	23.12%	2.568%
16	4.268	981	1004	1035	rBV4	259341	884882	100.00%	11.107%
17	4.596	1104	1106	1111	rVB2	706	408	0.05%	0.005%
18	4.686	1126	1134	1135	rBV2	753	719	0.08%	0.009%
19	4.776	1161	1162	1168	rBV	355	324	0.04%	0.004%
20	4.956	1201	1218	1244	rBV2	318712	846634	95.68%	10.627%
21	5.256	1302	1311	1325	rBV6	2273	5351	0.60%	0.067%
22	5.416	1357	1361	1362	rBV2	778	448	0.05%	0.006%
23	5.532	1386	1397	1424	rBV	267084	540256	61.05%	6.782%
24	5.847	1484	1495	1504	rVB8	2204	4231	0.48%	0.053%
25	5.989	1526	1539	1564	rBV2	182268	374512	42.32%	4.701%
26	6.137	1581	1585	1588	rBV5	607	578	0.07%	0.007%
27	6.227	1607	1613	1632	rBV3	4445	10799	1.22%	0.136%
28	6.368	1655	1657	1665	rVB2	534	447	0.05%	0.006%
29	6.876	1809	1815	1816	rBV	300	312	0.04%	0.004%
30	6.911	1816	1826	1854	rVV	110700	207026	23.40%	2.599%
31	7.030	1854	1863	1878	rVB3	14023	26003	2.94%	0.326%
32	7.181	1901	1910	1918	rBV2	7395	13063	1.48%	0.164%
33	7.243	1918	1929	1952	rVV	388152	675335	76.32%	8.477%
34	7.365	1962	1967	1990	rVB2	11302	23509	2.66%	0.295%
35	7.551	2016	2025	2049	rBV	75606	132895	15.02%	1.668%
36	7.667	2057	2061	2071	rVB4	825	1097	0.12%	0.014%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMP1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Title : VOC Analysis

37	7.876	2117	2126	2128	rBV5	1454	1910	0.22%	0.024%
38	7.911	2128	2137	2149	rVB7	8014	14529	1.64%	0.182%
39	8.021	2162	2171	2210	rBV	199545	384575	43.46%	4.827%
40	8.178	2211	2220	2244	rVB2	45693	82411	9.31%	1.034%
41	8.387	2280	2285	2289	rVB3	406	449	0.05%	0.006%
42	8.783	2398	2408	2436	rBV	394505	658572	74.42%	8.267%
43	9.008	2475	2478	2479	rBV2	467	291	0.03%	0.004%
44	9.085	2496	2502	2512	rVV5	1333	2316	0.26%	0.029%
45	9.320	2570	2575	2579	rBV3	724	744	0.08%	0.009%
46	9.361	2579	2588	2589	rBV3	1578	1513	0.17%	0.019%
47	9.480	2613	2625	2641	rBV2	7778	26439	2.99%	0.332%
48	9.651	2671	2678	2693	rBV	7728	13492	1.52%	0.169%
49	9.754	2703	2710	2720	rVB4	6514	9565	1.08%	0.120%
50	10.005	2782	2788	2791	rBV4	1312	1367	0.15%	0.017%
51	10.117	2814	2823	2824	rBV3	7175	7569	0.86%	0.095%
52	10.152	2824	2834	2853	rVB	236125	374221	42.29%	4.697%
53	10.307	2872	2882	2883	rBV5	2538	3307	0.37%	0.042%
54	10.390	2898	2908	2922	rBV2	7555	15444	1.75%	0.194%
55	10.474	2926	2934	2944	rVB6	4076	6760	0.76%	0.085%
56	10.551	2949	2958	2964	rBV9	2650	4229	0.48%	0.053%
57	10.677	2989	2997	3005	rBV3	4064	6224	0.70%	0.078%
58	10.725	3005	3012	3024	rVB3	8013	11443	1.29%	0.144%
59	10.853	3042	3052	3076	rBV2	26257	54274	6.13%	0.681%
60	10.992	3088	3095	3102	rBV4	3186	4811	0.54%	0.060%
61	11.095	3118	3127	3136	rBV4	8951	15352	1.73%	0.193%
62	11.185	3145	3155	3175	rVB	400498	625273	70.66%	7.849%
63	11.287	3177	3187	3199	rVB6	11773	22609	2.56%	0.284%
64	11.474	3237	3245	3247	rBV3	1301	1783	0.20%	0.022%
65	11.509	3248	3256	3261	rVV6	4391	7816	0.88%	0.098%
66	11.561	3261	3272	3297	rVB	370111	589620	66.63%	7.401%
67	11.689	3307	3312	3315	rBV3	442	423	0.05%	0.005%
68	11.721	3315	3322	3331	rVV2	4815	7314	0.83%	0.092%
69	11.808	3345	3349	3358	rVV5	1525	2391	0.27%	0.030%
70	12.075	3428	3432	3434	rBV3	649	526	0.06%	0.007%
71	12.188	3459	3467	3476	rVV5	3188	5628	0.64%	0.071%
72	12.287	3489	3498	3514	rBV2	27490	44478	5.03%	0.558%
73	12.371	3516	3524	3528	rBV8	1212	1997	0.23%	0.025%
74	12.487	3557	3560	3566	rVB3	570	594	0.07%	0.007%
75	12.738	3628	3638	3647	rBV5	2749	5146	0.58%	0.065%
76	12.786	3648	3653	3659	rVV4	2586	3737	0.42%	0.047%

LSC Area Percent Report

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMP1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Title : VOC Analysis

77	12.828	3661	3666	3671	rVV5	3453	4554	0.51%	0.057%
78	12.869	3672	3679	3695	rVB	15409	26004	2.94%	0.326%
79	12.969	3706	3710	3713	rBV2	1306	1124	0.13%	0.014%
80	13.043	3723	3733	3734	rBV4	967	1204	0.14%	0.015%
81	13.104	3743	3752	3759	rVB6	1626	2521	0.28%	0.032%
82	13.175	3771	3774	3775	rBV	494	334	0.04%	0.004%
83	13.278	3799	3806	3813	rBV2	1309	1736	0.20%	0.022%
84	13.377	3830	3837	3845	rBV4	5836	9089	1.03%	0.114%
85	13.451	3853	3860	3865	rBV4	3784	6170	0.70%	0.077%
86	13.487	3866	3871	3882	rVB5	5989	8467	0.96%	0.106%
87	13.635	3915	3917	3924	rVB2	411	350	0.04%	0.004%
88	13.773	3956	3960	3967	rVB4	947	1104	0.12%	0.014%
89	13.811	3967	3972	3976	rBV3	1506	1497	0.17%	0.019%
90	13.927	3998	4008	4015	rVB6	879	1701	0.19%	0.021%
91	14.030	4033	4040	4048	rBV5	3314	4797	0.54%	0.060%
92	14.348	4127	4139	4148	rBV6	5162	7932	0.90%	0.100%
93	14.493	4180	4184	4187	rBV3	1110	1174	0.13%	0.015%
94	14.545	4192	4200	4203	rBV5	786	874	0.10%	0.011%
95	14.789	4269	4276	4285	rVB6	2876	4512	0.51%	0.057%
96	14.905	4307	4312	4313	rBV3	789	668	0.08%	0.008%
97	15.014	4342	4346	4354	rBV7	713	901	0.10%	0.011%
98	15.281	4426	4429	4433	rBV3	381	362	0.04%	0.005%
99	15.721	4559	4566	4570	rBV7	1401	1808	0.20%	0.023%
100	16.033	4660	4663	4664	rBV2	546	296	0.03%	0.004%

Sum of corrected areas: 7966567

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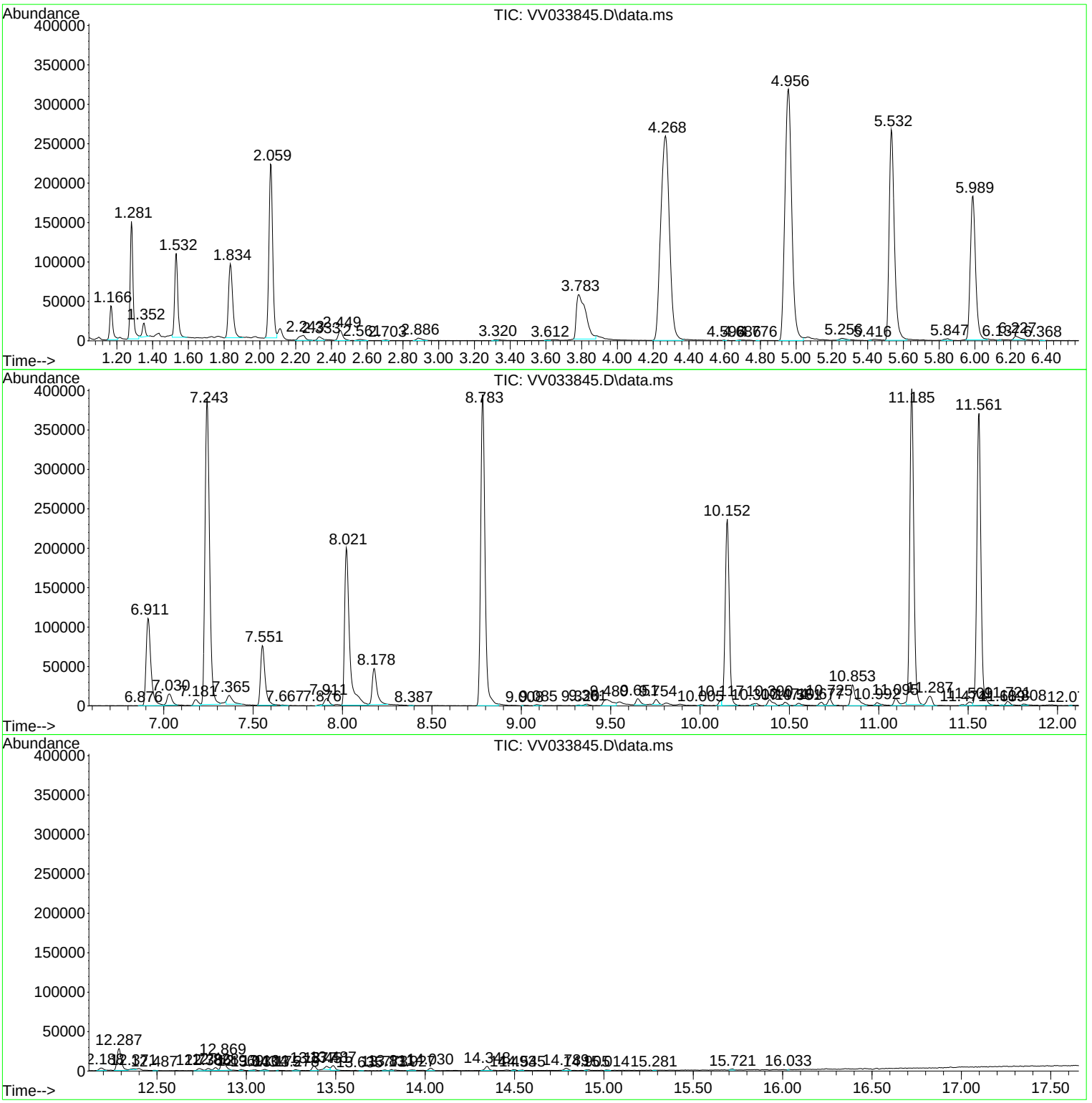
Instrument :
MSVOA_V
ClientSampleId :
DCMP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012424\
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Instrument :
MSVOA_V
ClientSampleId :
DCMP1

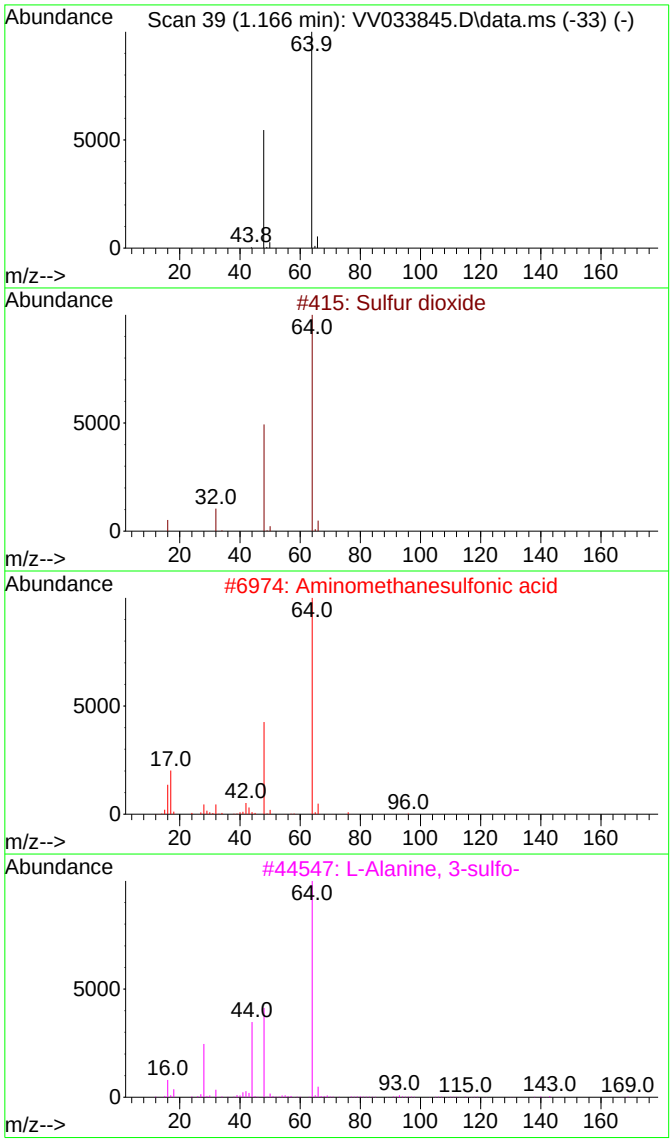
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

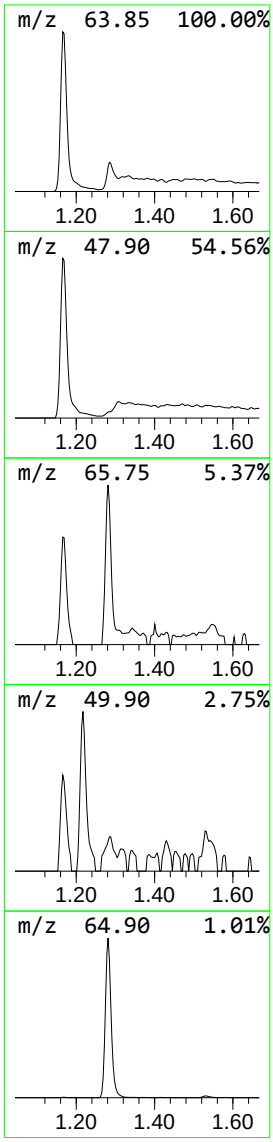
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	4.61 ug/L	49805	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012424\
Data File : VV033845.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMP1

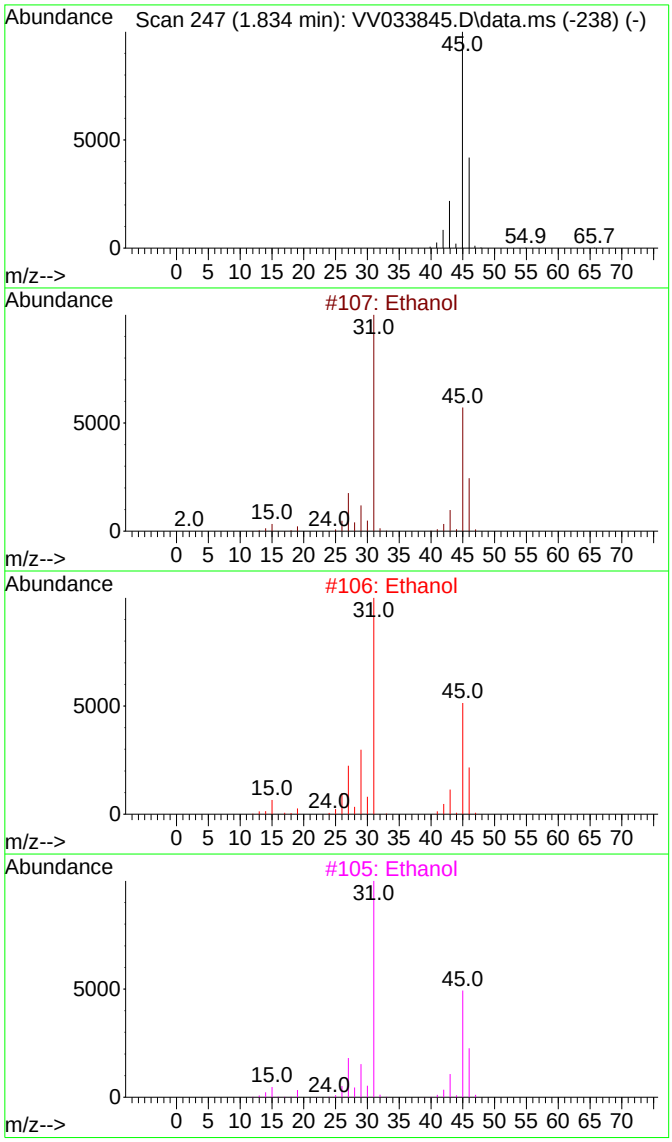
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

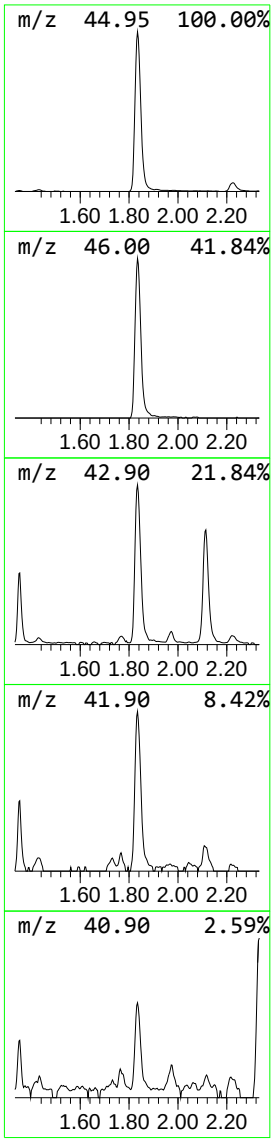
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.834	14.35 ug/L	155058	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Ethanol	46	C2H6O	000064-17-5	64
3	Ethanol	46	C2H6O	000064-17-5	64
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Dimethyl ether	46	C2H6O	000115-10-6	9





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

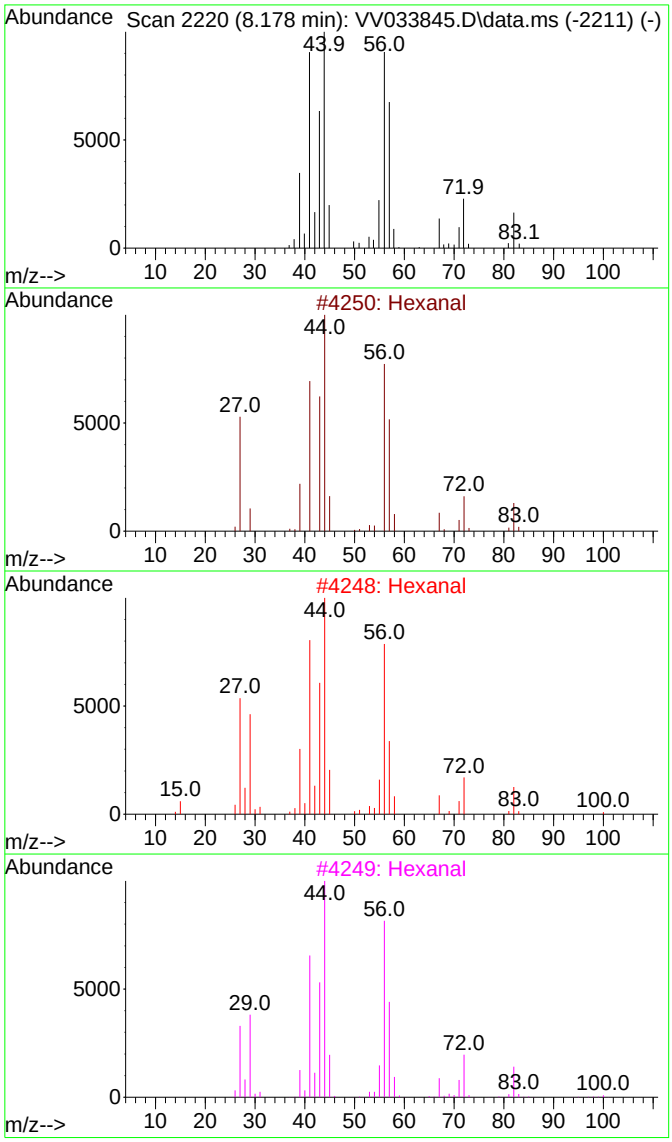
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

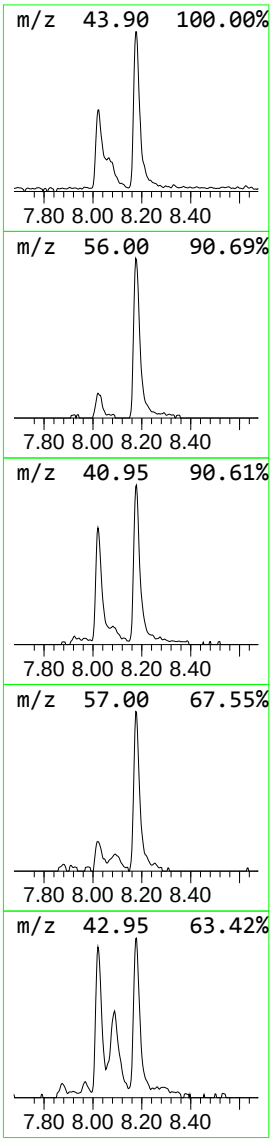
****

Peak Number 4 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.178	6.26 ug/L	82411	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	83
4	Hexanal	100	C6H12O	000066-25-1	78
5	Hexanal	100	C6H12O	000066-25-1	64





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Instrument :
MSVOA_V
ClientSampleId :
DCMP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

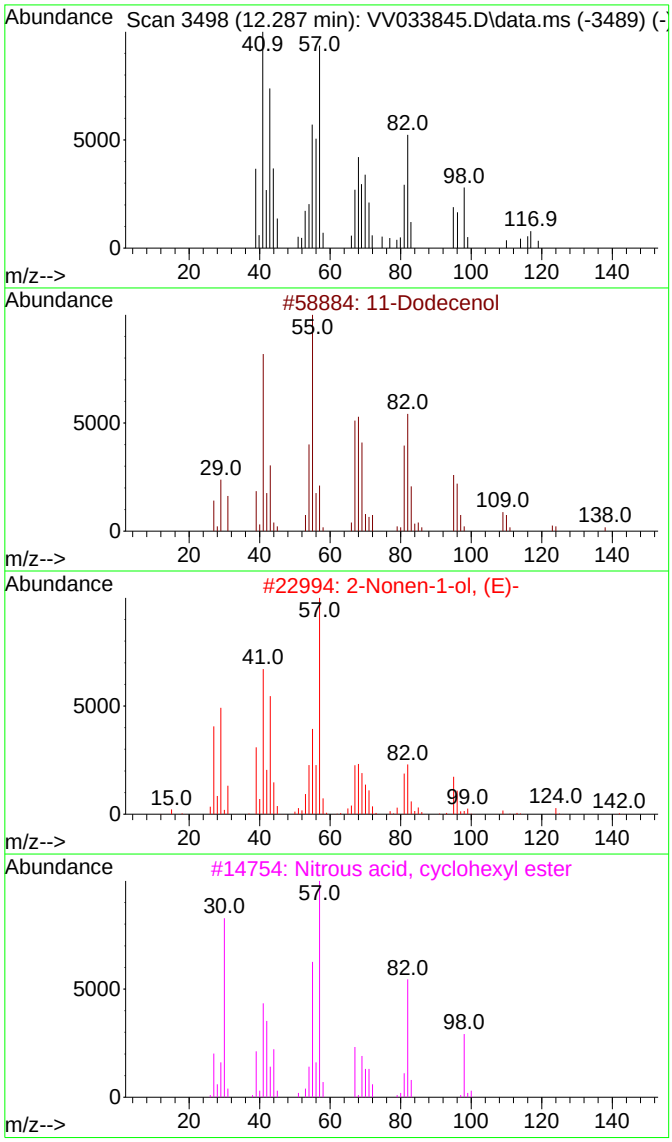
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

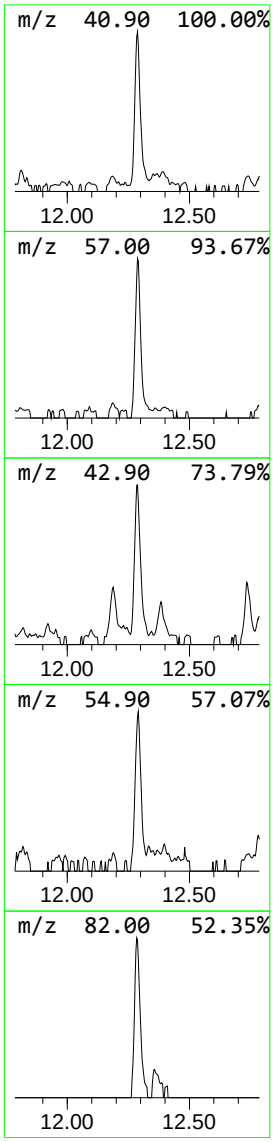
****

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.287	3.56 ug/L	44478	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Dodecenol	184	C12H24O	035289-31-7	35
2	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	35
3	Nitrous acid, cyclohexyl ester	129	C6H11NO2	005156-40-1	35
4	2-Nonen-1-ol	142	C9H18O	022104-79-6	35
5	Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	30





Tentatively Identified Compound (LSC) summary

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.166	4.6	ug/L	49805	1	5.532	540256	50.0
Ethanol	1.834	14.4	ug/L	155058	1	5.532	540256	50.0
Hexanal	8.178	6.3	ug/L	82411	2	8.783	658572	50.0
unknown-01	12.287	3.6	ug/L	44478	3	11.185	625273	50.0