

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102820\
 Data File : VV019137.D
 Acq On : 28 Oct 2020 15:55
 Operator : SY/MD
 Sample : L4425-06
 Misc : 5.0µL/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 X2P76

Integration Parameters: LSCINT.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_V\METHOD\SOMVLM102220WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.312	62	69	89	rVB	80716	120490	6.24%	0.447%
2	1.537	134	139	141	rBV4	2904	2743	0.14%	0.010%
3	1.576	144	151	169	rBV	52830	123187	6.37%	0.457%
4	2.090	301	311	324	rBV	212016	307533	15.91%	1.141%
5	2.196	333	344	396	rVB	145862	452161	23.40%	1.678%
6	2.508	429	441	468	rVB	662968	1192990	61.74%	4.427%
7	2.740	506	513	514	rBV4	473	525	0.03%	0.002%
8	2.968	580	584	588	rBV3	369	265	0.01%	0.001%
9	3.039	602	606	609	rVV5	751	650	0.03%	0.002%
10	3.074	612	617	621	rBV	509	469	0.02%	0.002%
11	3.126	626	633	635	rBV2	328	352	0.02%	0.001%
12	3.196	635	655	688	rBV	405892	871766	45.11%	3.235%
13	3.309	688	690	692	rVV2	734	444	0.02%	0.002%
14	3.322	692	694	698	rVB2	777	455	0.02%	0.002%
15	3.415	720	723	727	rVB2	391	339	0.02%	0.001%
16	3.502	746	750	754	rVB	310	268	0.01%	0.001%
17	3.669	798	802	806	rBV2	311	331	0.02%	0.001%
18	3.923	867	881	923	rBV2	192699	556338	28.79%	2.065%
19	4.264	971	987	1006	rBV	375041	960034	49.68%	3.563%
20	4.373	1008	1021	1060	rVB3	169209	584142	30.23%	2.168%
21	4.515	1064	1065	1069	rVB2	495	277	0.01%	0.001%
22	4.544	1072	1074	1078	rVB2	602	384	0.02%	0.001%
23	4.621	1078	1098	1122	rBV	227783	582198	30.13%	2.161%
24	4.769	1129	1144	1152	rBV2	36143	87828	4.55%	0.326%
25	4.839	1154	1166	1192	rVB2	256816	623064	32.24%	2.312%
26	4.991	1211	1213	1218	rVB2	511	419	0.02%	0.002%
27	5.061	1218	1235	1250	rBV2	358833	888030	45.96%	3.296%
28	5.148	1251	1262	1290	rVB	315240	727520	37.65%	2.700%
29	5.354	1320	1326	1330	rVB4	351	418	0.02%	0.002%
30	5.386	1334	1336	1341	rVB	410	315	0.02%	0.001%
31	5.412	1341	1344	1346	rBV3	566	376	0.02%	0.001%
32	5.476	1362	1364	1369	rVB2	390	307	0.02%	0.001%
33	5.511	1369	1375	1376	rBV2	443	402	0.02%	0.001%
34	5.579	1391	1396	1398	rBV	317	344	0.02%	0.001%

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35	5.634	1400	1413	1440	rBV	267705	563559	29.16%	2.091%
36	5.929	1491	1505	1531	rBV	319581	633867	32.80%	2.352%
37	6.087	1541	1554	1573	rVV	183227	392244	20.30%	1.456%
38	6.190	1574	1586	1619	rVB	297446	618321	32.00%	2.295%
39	6.540	1687	1695	1699	rBV4	885	991	0.05%	0.004%
40	6.653	1723	1730	1734	rBV3	367	467	0.02%	0.002%
41	6.878	1793	1800	1811	rBV3	643	986	0.05%	0.004%
42	7.003	1827	1839	1868	rBV	103168	216704	11.21%	0.804%
43	7.161	1884	1888	1891	rBV3	333	282	0.01%	0.001%
44	7.248	1902	1915	1925	rBV	483421	1074468	55.60%	3.987%
45	7.582	2005	2019	2029	rBV	248809	393066	20.34%	1.459%
46	7.640	2029	2037	2070	rVB	74766	162031	8.39%	0.601%
47	7.859	2092	2105	2133	rVV	623596	1352349	69.98%	5.019%
48	7.990	2133	2146	2169	rVB	836147	1423716	73.68%	5.284%
49	8.113	2174	2184	2185	rBV	82987	91433	4.73%	0.339%
50	8.267	2219	2232	2254	rBV	478634	1092726	56.55%	4.055%
51	8.373	2254	2265	2287	rVB	242154	467520	24.19%	1.735%
52	8.871	2408	2420	2444	rBV	382804	713843	36.94%	2.649%
53	9.042	2468	2473	2480	rVB5	969	1413	0.07%	0.005%
54	9.096	2487	2490	2497	rVB2	436	415	0.02%	0.002%
55	9.135	2497	2502	2505	rBV3	342	360	0.02%	0.001%
56	9.167	2505	2512	2517	rBV3	1218	1698	0.09%	0.006%
57	9.228	2529	2531	2537	rVB3	412	346	0.02%	0.001%
58	9.585	2629	2642	2674	rVV	520097	941595	48.73%	3.494%
59	9.759	2691	2696	2697	rBV3	835	679	0.04%	0.003%
60	9.952	2744	2756	2775	rBV	523396	881298	45.61%	3.271%
61	10.042	2782	2784	2788	rVB3	362	266	0.01%	0.001%
62	10.071	2788	2793	2800	rVB3	433	506	0.03%	0.002%
63	10.241	2833	2846	2868	rBV2	839515	1503276	77.79%	5.579%
64	10.479	2915	2920	2924	rVB2	328	262	0.01%	0.001%
65	10.598	2946	2957	2973	rBV	176894	249429	12.91%	0.926%
66	10.865	3037	3040	3045	rVB2	467	403	0.02%	0.001%
67	10.945	3061	3065	3069	rBV2	367	398	0.02%	0.001%
68	11.022	3086	3089	3092	rBV2	463	385	0.02%	0.001%
69	11.206	3134	3146	3157	rVV	405116	635310	32.88%	2.358%
70	11.296	3157	3174	3190	rVB2	791958	1932384	100.00%	7.171%
71	11.405	3204	3208	3210	rBV3	595	327	0.02%	0.001%

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72	11.566	3256	3258	3264	rVB2	369	261	0.01%	0.001%
73	11.649	3268	3284	3306	rBV	457834	724300	37.48%	2.688%
74	11.801	3326	3331	3333	rBV3	337	296	0.02%	0.001%
75	11.846	3340	3345	3350	rBV2	299	377	0.02%	0.001%
76	12.132	3431	3434	3440	rVB	356	294	0.02%	0.001%
77	12.180	3445	3449	3454	rVB2	338	399	0.02%	0.001%
78	12.270	3463	3477	3488	rBV2	9637	15202	0.79%	0.056%
79	12.453	3519	3534	3549	rBV	228282	354032	18.32%	1.314%
80	12.617	3582	3585	3588	rBV2	403	327	0.02%	0.001%
81	12.669	3588	3601	3622	rBV	1076586	1641806	84.96%	6.093%
82	12.887	3663	3669	3672	rBV2	315	317	0.02%	0.001%
83	12.913	3672	3677	3680	rVV4	550	461	0.02%	0.002%
84	13.112	3732	3739	3743	rVB2	461	542	0.03%	0.002%
85	13.141	3743	3748	3750	rBV2	341	314	0.02%	0.001%
86	13.286	3778	3793	3817	rBV	493698	756645	39.16%	2.808%
87	13.415	3830	3833	3837	rVV2	444	279	0.01%	0.001%
88	13.495	3855	3858	3867	rVB4	1092	1245	0.06%	0.005%
89	13.624	3895	3898	3902	rVB2	514	411	0.02%	0.002%
90	13.669	3908	3912	3915	rBV	309	282	0.01%	0.001%
91	13.759	3936	3940	3941	rBV	734	492	0.03%	0.002%
92	13.775	3941	3945	3949	rVV4	1101	1038	0.05%	0.004%
93	13.858	3959	3971	3975	rBV3	511	895	0.05%	0.003%
94	13.887	3977	3980	3984	rVV2	577	429	0.02%	0.002%
95	13.916	3984	3989	3991	rVV	413	321	0.02%	0.001%
96	14.064	4024	4035	4044	rVV	4151	6728	0.35%	0.025%
97	14.222	4081	4084	4087	rBV	508	417	0.02%	0.002%
98	14.296	4104	4107	4112	rVV3	326	320	0.02%	0.001%
99	15.601	4511	4513	4517	rVB2	695	372	0.02%	0.001%
100	15.659	4525	4531	4532	rBV2	695	688	0.04%	0.003%

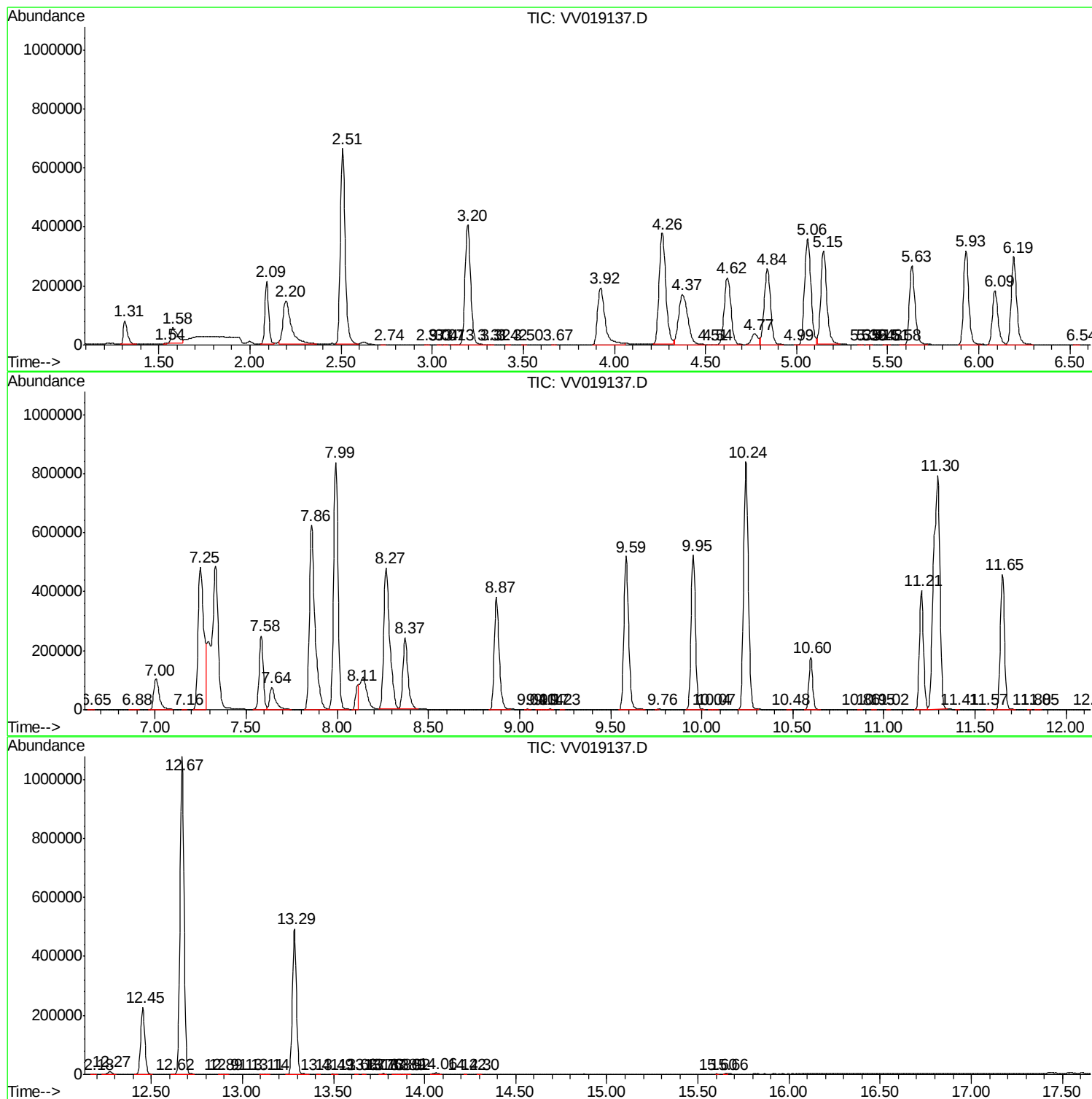
Sum of corrected areas: 26946177

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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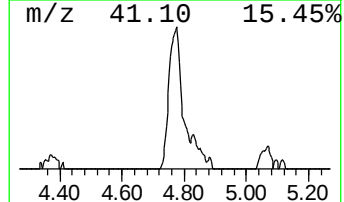
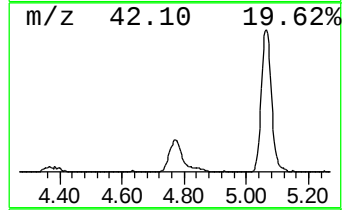
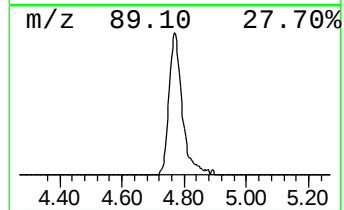
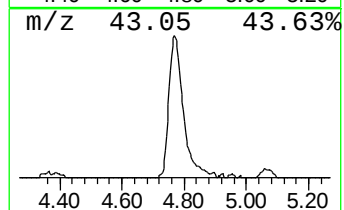
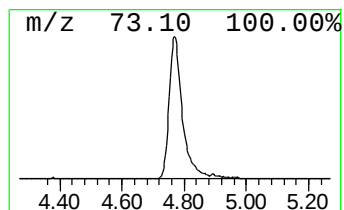
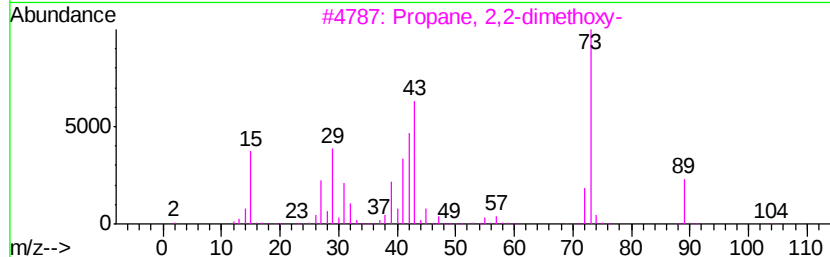
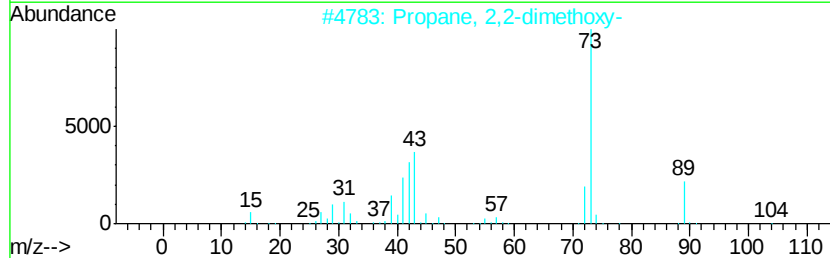
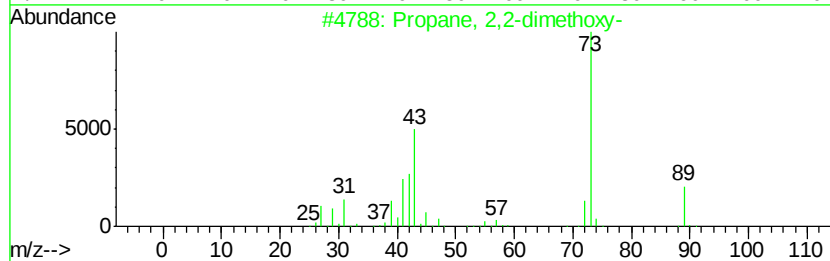
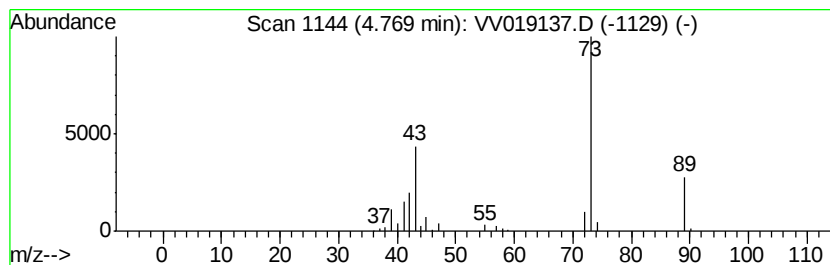
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	7.79 ug/L	87828	1,4-Difluorobenzene	5.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
3		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	33
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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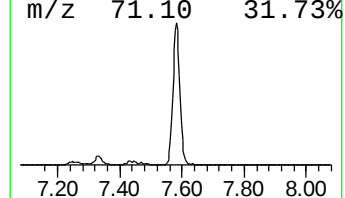
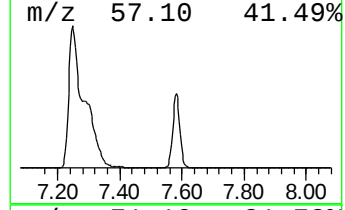
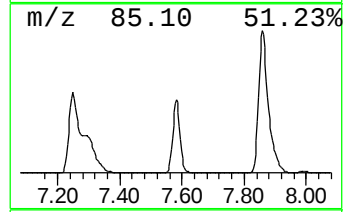
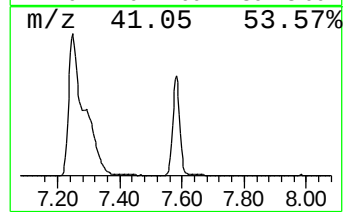
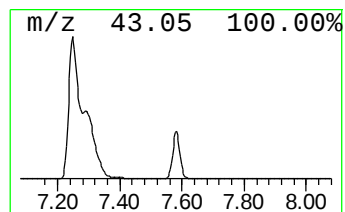
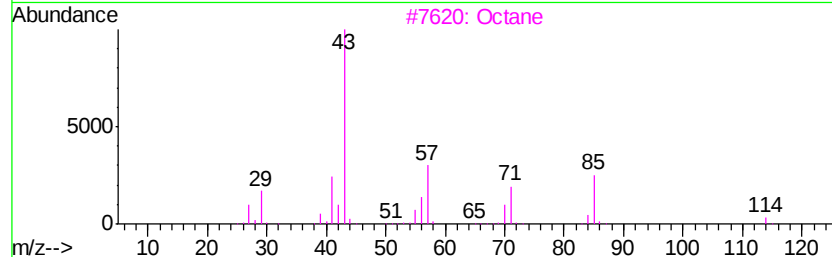
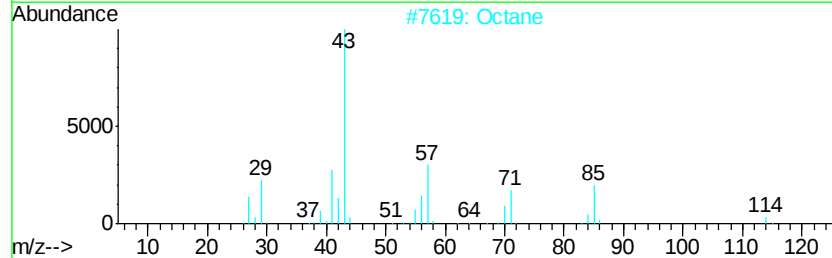
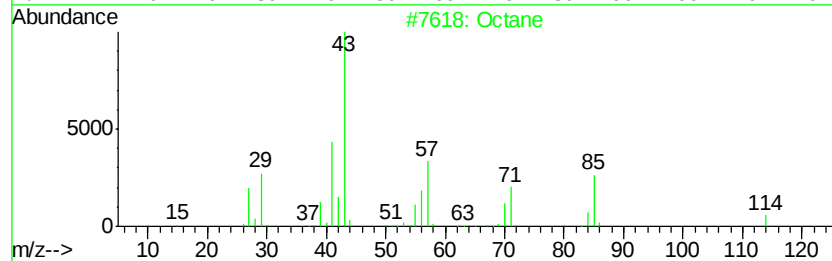
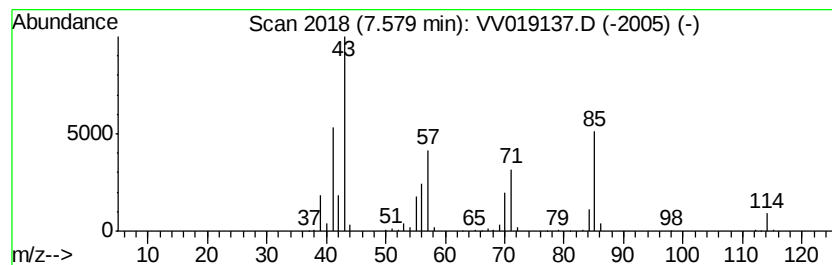
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	27.53 ug/L	393066	Chlorobenzene-d5	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	91
2		Octane	114	C8H18	000111-65-9	91
3		Octane	114	C8H18	000111-65-9	81
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	80
5		Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	53



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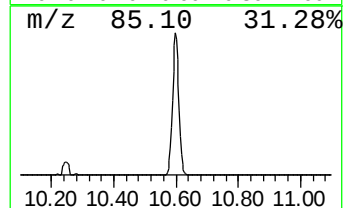
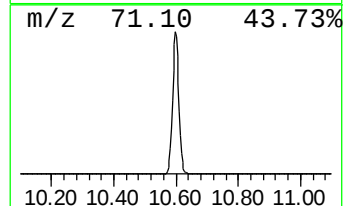
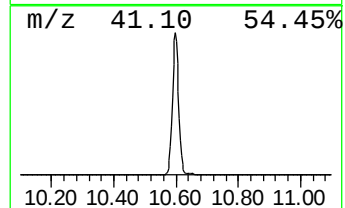
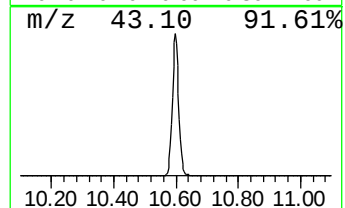
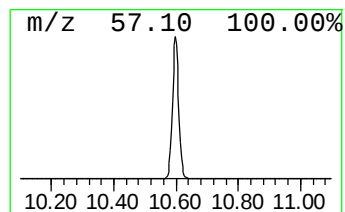
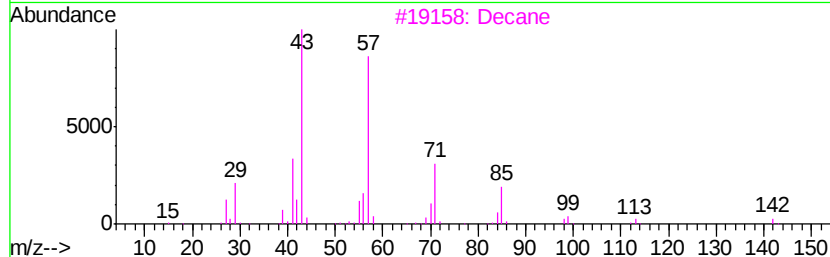
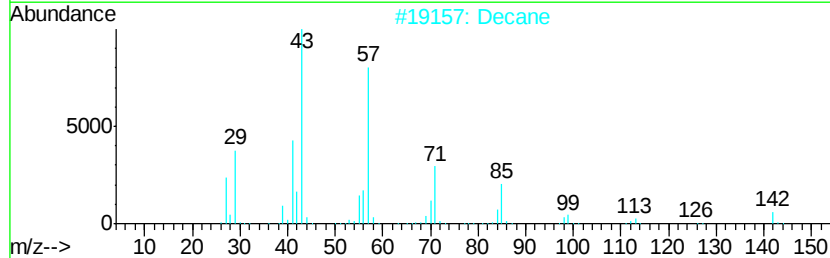
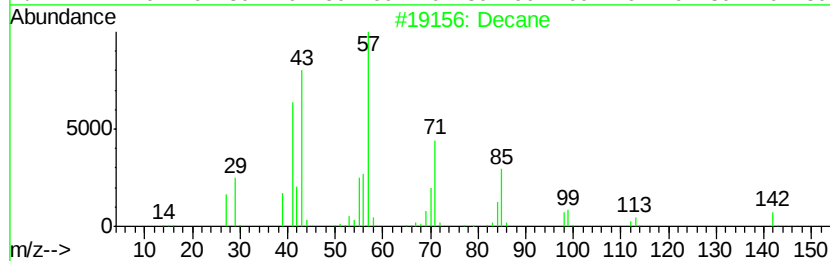
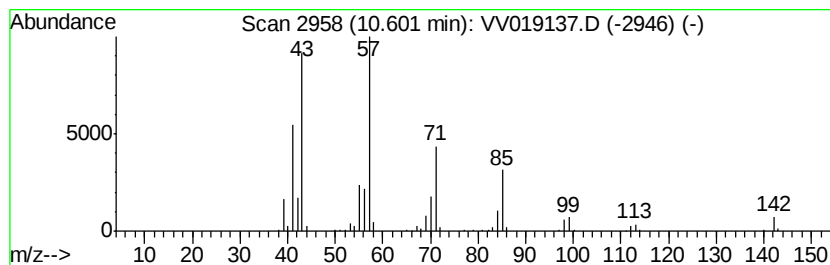
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	6.45 ug/L	249429	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	96
2		Decane	142	C10H22	000124-18-5	95
3		Decane	142	C10H22	000124-18-5	91
4		Decane	142	C10H22	000124-18-5	76
5		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102820\
Data File : VV019137.D
Acq On : 28 Oct 2020 15:55
Operator : SY/MD
Sample : L4425-06
Misc : 5.0µL/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
X2P76

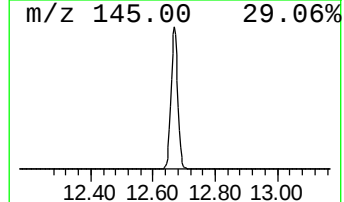
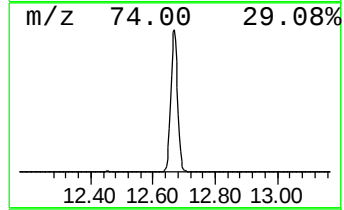
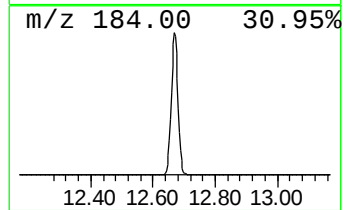
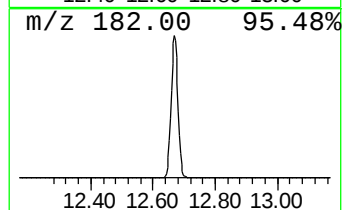
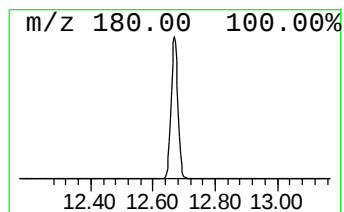
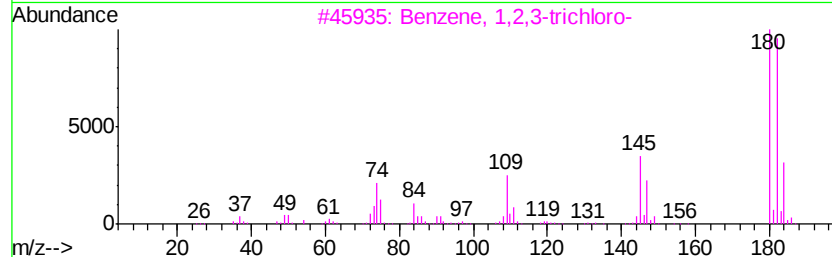
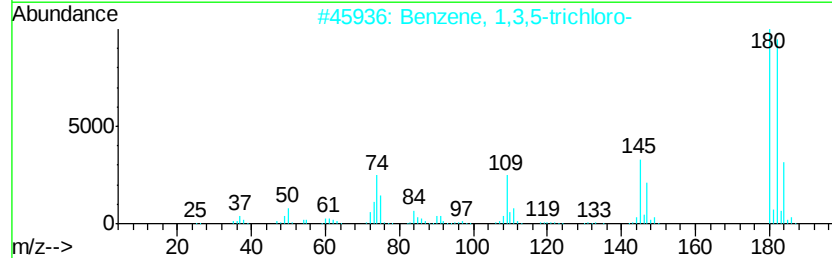
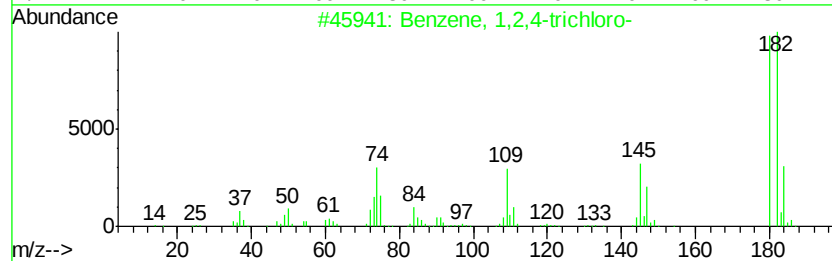
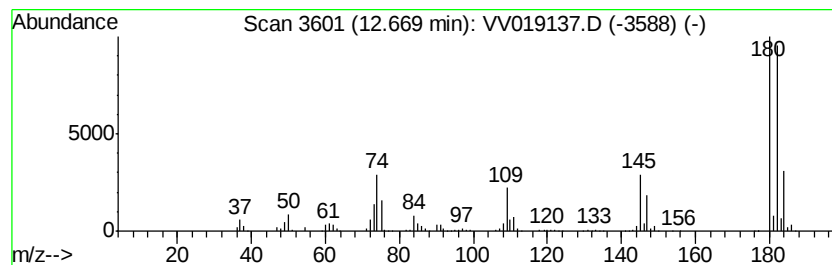
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	42.48 ug/L	1641810	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV102820\
Data File : VV019137.D
Acq On : 28 Oct 2020 15:55
Operator : SY/MD
Sample : L4425-06
Misc : 5.0µL/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
X2P76

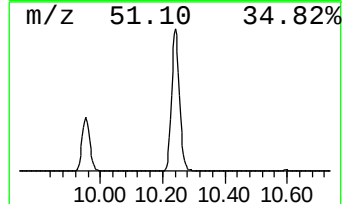
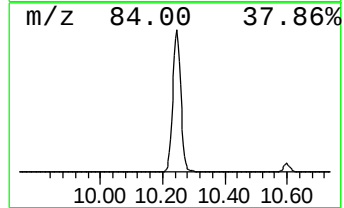
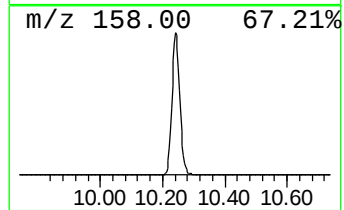
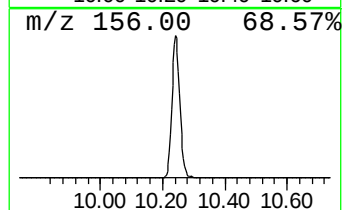
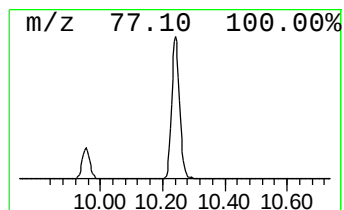
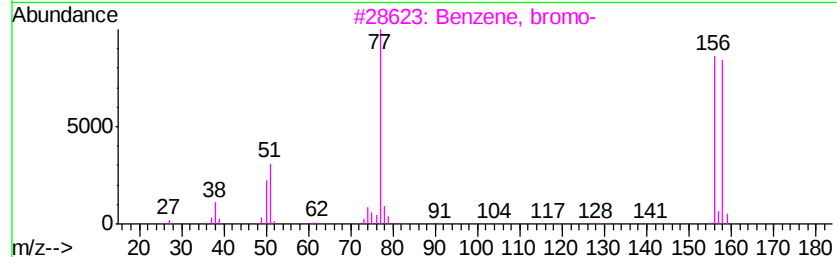
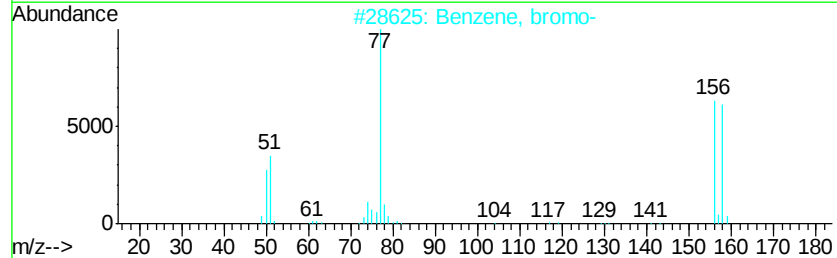
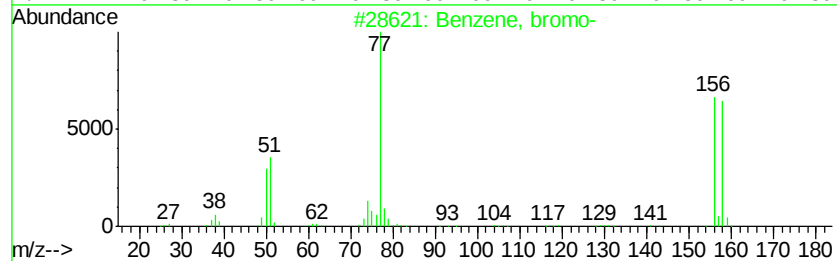
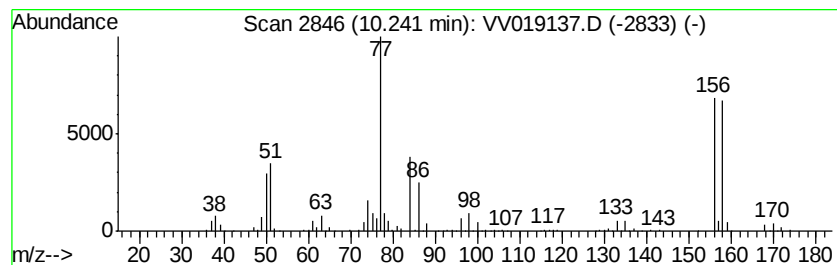
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, bromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	38.90 ug/L	1503280	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, bromo-	156	C6H5Br	000108-86-1	96
2		Benzene, bromo-	156	C6H5Br	000108-86-1	93
3		Benzene, bromo-	156	C6H5Br	000108-86-1	83
4		Benzene, bromo-	156	C6H5Br	000108-86-1	83
5		Benzene, bromo-	156	C6H5Br	000108-86-1	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102820\
Data File : VV019137.D
Acq On : 28 Oct 2020 15:55
Operator : SY/MD
Sample : L4425-06
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
X2P76

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2,2-dime...	4.77	7.8	ug/L	87828	1	5.63	563559	50.0
(DEL) Alkane: Str...	7.58	27.5	ug/L	393066	2	8.87	713843	50.0
(DEL) Alkane: Str...	10.60	6.5	ug/L	249429	3	11.27	1932380	50.0
Benzene, 1,3,5-tr...	12.67	42.5	ug/L	1641810	3	11.27	1932380	50.0
Benzene, bromo-	10.24	38.9	ug/L	1503280	3	11.27	1932380	50.0