

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018423.D
 Acq On : 24 Sep 2020 12:58
 Operator : SY/MD
 Sample : L4109-11 20X
 Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X1

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\SOMVLM090920WMA.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	1.316	63	70	88	rVB	186174	190210	12.80%	1.559%
2	1.579	144	152	170	rBV	163195	186525	12.55%	1.529%
3	2.071	303	305	309	rBV2	611	500	0.03%	0.004%
4	2.123	309	321	354	rVB	335692	518495	34.89%	4.250%
5	2.547	439	453	464	rVB7	3854	9138	0.61%	0.075%
6	2.782	515	526	539	rBV2	6693	13124	0.88%	0.108%
7	3.065	596	614	631	rBV	18822	38497	2.59%	0.316%
8	3.791	827	840	861	rVB4	4511	10900	0.73%	0.089%
9	3.914	867	878	921	rBV	105089	323514	21.77%	2.652%
10	4.377	1005	1022	1051	rBV	240620	584897	39.36%	4.794%
11	4.557	1074	1078	1082	rVB5	345	284	0.02%	0.002%
12	4.634	1099	1102	1105	rBV3	591	561	0.04%	0.005%
13	4.705	1120	1124	1128	rBV2	405	388	0.03%	0.003%
14	5.071	1220	1238	1269	rBV2	577600	1486056	100.00%	12.180%
15	5.640	1403	1415	1446	rBV	380829	749284	50.42%	6.141%
16	5.930	1492	1505	1526	rVB	22788	47009	3.16%	0.385%
17	6.094	1543	1556	1592	rBV	338706	676275	45.51%	5.543%
18	6.235	1596	1600	1601	rBV2	468	349	0.02%	0.003%
19	6.942	1814	1820	1825	rBV3	1068	1379	0.09%	0.011%
20	7.007	1829	1840	1862	rBV	190137	340747	22.93%	2.793%
21	7.180	1891	1894	1898	rVB2	421	315	0.02%	0.003%
22	7.212	1898	1904	1908	rBV2	411	463	0.03%	0.004%
23	7.290	1919	1928	1931	rBV4	1823	2690	0.18%	0.022%
24	7.338	1931	1943	1961	rBV	720796	1208720	81.34%	9.907%
25	7.592	2014	2022	2028	rBV4	3452	5074	0.34%	0.042%
26	7.640	2028	2037	2064	rVV	139302	240476	16.18%	1.971%
27	7.804	2086	2088	2101	rVB5	591	732	0.05%	0.006%
28	8.106	2172	2182	2216	rBV	382713	696923	46.90%	5.712%
29	8.280	2234	2236	2240	rVB3	633	361	0.02%	0.003%
30	8.312	2240	2246	2254	rVB5	1924	2707	0.18%	0.022%
31	8.685	2356	2362	2374	rBV4	888	1215	0.08%	0.010%
32	8.810	2395	2401	2406	rBV2	702	883	0.06%	0.007%
33	8.872	2409	2420	2445	rBV	590174	935676	62.96%	7.669%
34	9.039	2465	2472	2489	rVB	4178	6886	0.46%	0.056%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018423.D
 Acq On : 24 Sep 2020 12:58
 Operator : SY/MD
 Sample : L4109-11 20X
 Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X1

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\SOMVLM090920WMA.M
 Title : VOC Analysis

35	9.161	2499	2510	2522	rBV	16320	27248	1.83%	0.223%
36	9.228	2522	2531	2540	rVB4	4954	7892	0.53%	0.065%
37	9.495	2609	2614	2620	rVB3	1194	1548	0.10%	0.013%
38	9.569	2627	2637	2643	rBV2	6422	9949	0.67%	0.082%
39	9.695	2669	2676	2679	rVB2	579	475	0.03%	0.004%
40	9.733	2682	2688	2696	rVB4	2048	3016	0.20%	0.025%
41	9.820	2708	2715	2723	rVV5	2385	3466	0.23%	0.028%
42	9.875	2726	2732	2739	rVB4	847	1254	0.08%	0.010%
43	9.955	2749	2757	2767	rVV3	3716	5004	0.34%	0.041%
44	10.039	2775	2783	2790	rBV6	1695	2487	0.17%	0.020%
45	10.084	2792	2797	2798	rBV4	1076	899	0.06%	0.007%
46	10.106	2798	2804	2808	rBV3	2194	2531	0.17%	0.021%
47	10.238	2830	2845	2865	rBV	439907	688563	46.33%	5.644%
48	10.376	2879	2888	2899	rBV	17813	26678	1.80%	0.219%
49	10.470	2907	2917	2934	rBV	65664	141163	9.50%	1.157%
50	10.560	2937	2945	2952	rVV	37581	58173	3.91%	0.477%
51	10.598	2952	2957	2977	rVB	28522	43239	2.91%	0.354%
52	10.714	2984	2993	3000	rBV	7762	11594	0.78%	0.095%
53	10.759	3000	3007	3024	rVB	25133	39825	2.68%	0.326%
54	10.859	3031	3038	3043	rBV4	1917	2851	0.19%	0.023%
55	10.897	3043	3050	3053	rVV3	5808	7678	0.52%	0.063%
56	10.936	3054	3062	3084	rVB	113161	174285	11.73%	1.428%
57	11.048	3092	3097	3098	rBV3	2101	1516	0.10%	0.012%
58	11.174	3127	3136	3143	rBV5	4136	6657	0.45%	0.055%
59	11.215	3143	3149	3155	rVB7	2986	3500	0.24%	0.029%
60	11.270	3155	3166	3185	rBV	663089	1006977	67.76%	8.253%
61	11.357	3185	3193	3201	rBV	30563	44364	2.99%	0.364%
62	11.486	3226	3233	3244	rVB5	6403	9621	0.65%	0.079%
63	11.553	3244	3254	3262	rBV3	7635	16267	1.09%	0.133%
64	11.595	3263	3267	3272	rVV	9415	12336	0.83%	0.101%
65	11.646	3272	3283	3304	rVB	815743	1274130	85.74%	10.443%
66	11.810	3325	3334	3341	rBV	37413	52296	3.52%	0.429%
67	11.936	3365	3373	3377	rBV2	8485	12683	0.85%	0.104%
68	12.013	3392	3397	3398	rBV4	2048	1887	0.13%	0.015%
69	12.039	3399	3405	3429	rVB2	14452	25185	1.69%	0.206%
70	12.145	3429	3438	3443	rBV6	3788	6741	0.45%	0.055%
71	12.267	3469	3476	3477	rBV4	4045	4019	0.27%	0.033%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018423.D
 Acq On : 24 Sep 2020 12:58
 Operator : SY/MD
 Sample : L4109-11 20X
 Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X1

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\SOMVLM090920WMA.M
 Title : VOC Analysis

72	12.389	3506	3514	3519	rBV5	4876	7580	0.51%	0.062%
73	12.434	3521	3528	3537	rVB2	11162	17418	1.17%	0.143%
74	12.489	3537	3545	3552	rBV2	17345	25061	1.69%	0.205%
75	12.572	3565	3571	3576	rBV7	2037	2764	0.19%	0.023%
76	12.611	3577	3583	3587	rBV6	2949	3421	0.23%	0.028%
77	12.749	3619	3626	3634	rVB4	5175	7496	0.50%	0.061%
78	12.823	3641	3649	3655	rBV6	2340	2851	0.19%	0.023%
79	12.871	3657	3664	3666	rBV4	2244	2461	0.17%	0.020%
80	12.907	3666	3675	3692	rVB3	28530	45685	3.07%	0.374%
81	13.022	3706	3711	3717	rBV4	2682	2859	0.19%	0.023%
82	13.064	3717	3724	3735	rBV9	3935	7519	0.51%	0.062%
83	13.235	3773	3777	3782	rBV3	770	781	0.05%	0.006%
84	13.293	3786	3795	3801	rBV6	4679	7019	0.47%	0.058%
85	13.421	3833	3835	3841	rVB3	974	751	0.05%	0.006%
86	13.531	3861	3869	3877	rVB	12509	18611	1.25%	0.153%
87	13.646	3897	3905	3906	rBV6	1420	1405	0.09%	0.012%
88	13.720	3925	3928	3930	rBV3	464	332	0.02%	0.003%
89	13.768	3939	3943	3944	rBV2	729	501	0.03%	0.004%
90	13.820	3955	3959	3961	rBV	602	340	0.02%	0.003%
91	13.849	3964	3968	3974	rVB7	505	581	0.04%	0.005%
92	13.923	3984	3991	3999	rBV3	6816	9448	0.64%	0.077%
93	14.051	4027	4031	4034	rBV4	657	478	0.03%	0.004%
94	14.119	4044	4052	4054	rBV6	2177	2498	0.17%	0.020%
95	14.260	4090	4096	4098	rBV3	748	720	0.05%	0.006%
96	14.318	4108	4114	4120	rBV3	722	908	0.06%	0.007%
97	14.453	4153	4156	4164	rBV6	1160	1312	0.09%	0.011%
98	14.530	4175	4180	4186	rVB4	983	1269	0.09%	0.010%
99	14.662	4210	4221	4232	rBV6	3776	7029	0.47%	0.058%
100	14.842	4271	4277	4280	rBV4	2324	2544	0.17%	0.021%

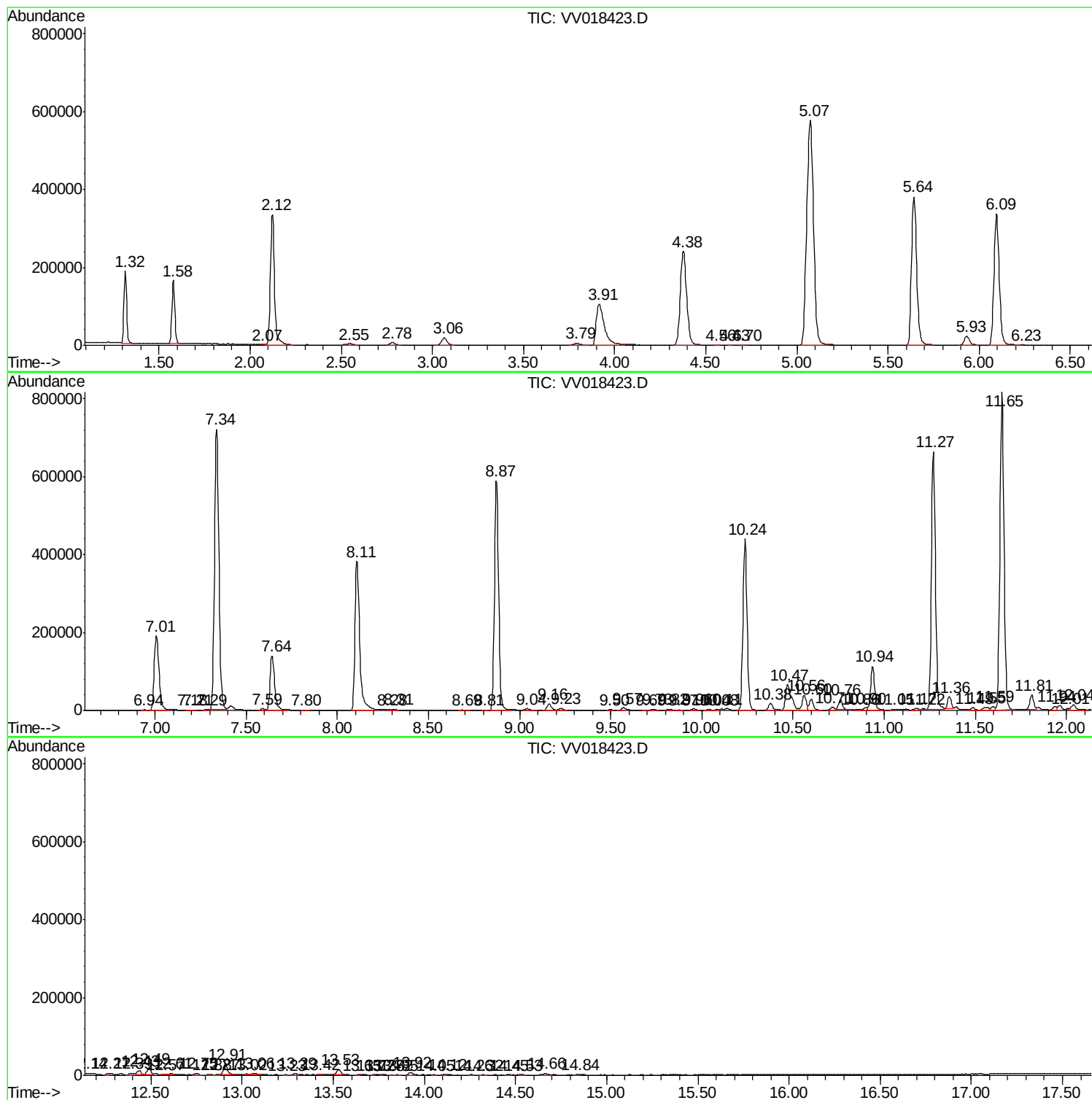
Sum of corrected areas: 12200892

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018423.D
Acq On : 24 Sep 2020 12:58
Operator : SY/MD
Sample : L4109-11 20X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BG3X1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018423.D
Acq On : 24 Sep 2020 12:58
Operator : SY/MD
Sample : L4109-11 20X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

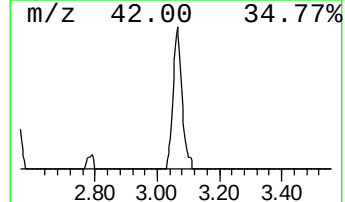
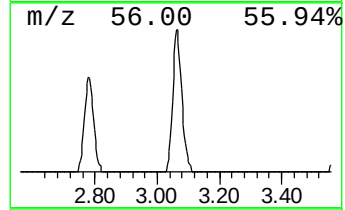
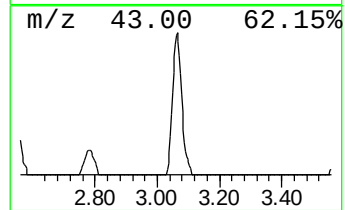
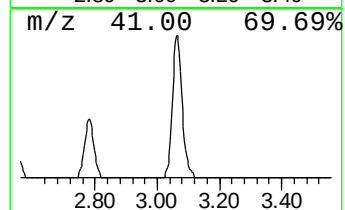
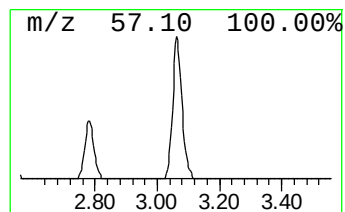
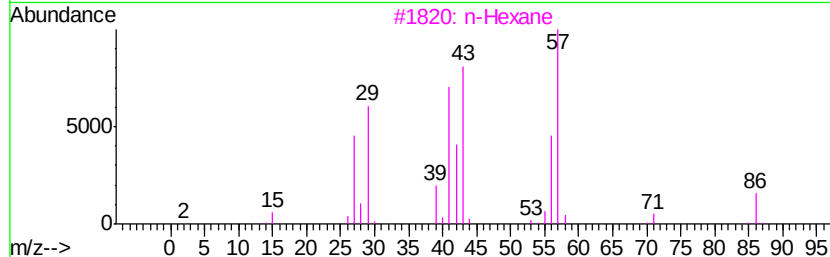
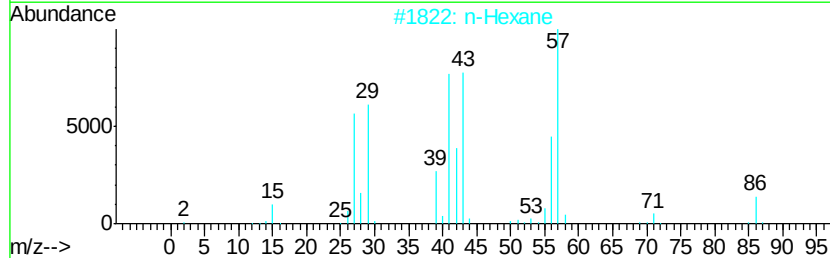
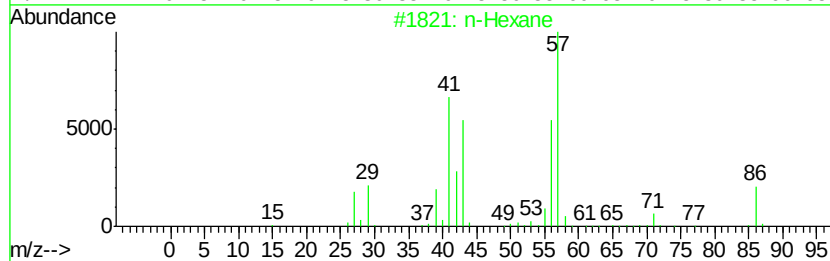
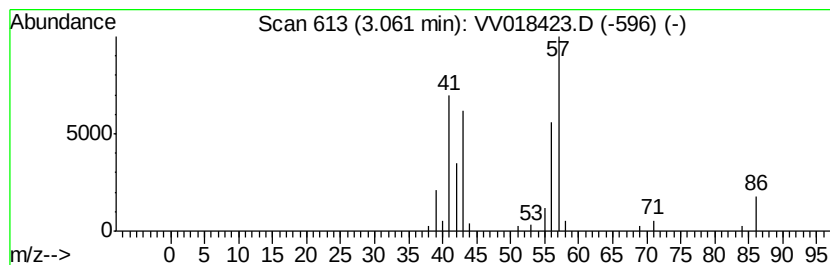
Instrument :
MSVOA_V
ClientSampleId :
BG3X1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	2.57 ug/L	38497	1,4-Difluorobenzene	5.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexane	86 C6H14	000110-54-3	91
2	n-Hexane	86 C6H14	000110-54-3	78
3	n-Hexane	86 C6H14	000110-54-3	53
4	Pentane, 2,2,3,4-tetramethyl-	128 C9H20	001186-53-4	50
5	Pentane, 2,2,3,4-tetramethyl-	128 C9H20	001186-53-4	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018423.D
Acq On : 24 Sep 2020 12:58
Operator : SY/MD
Sample : L4109-11 20X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3X1

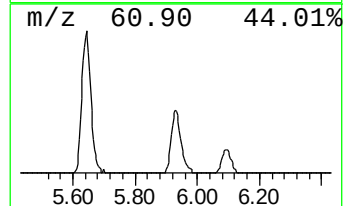
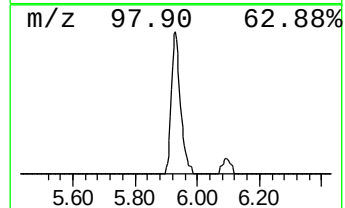
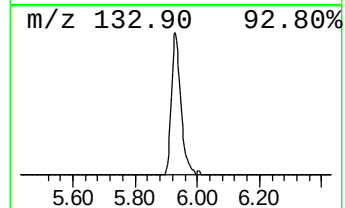
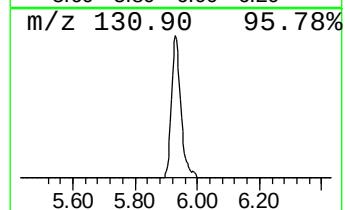
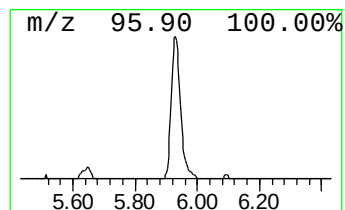
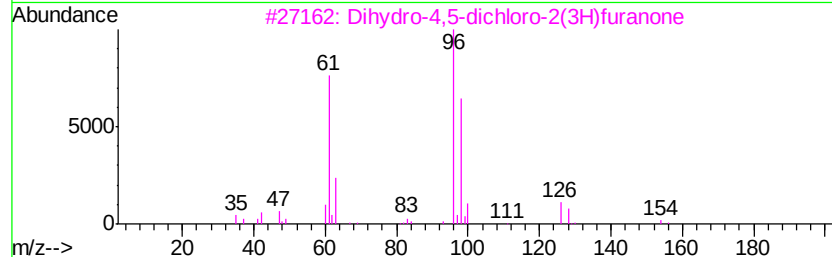
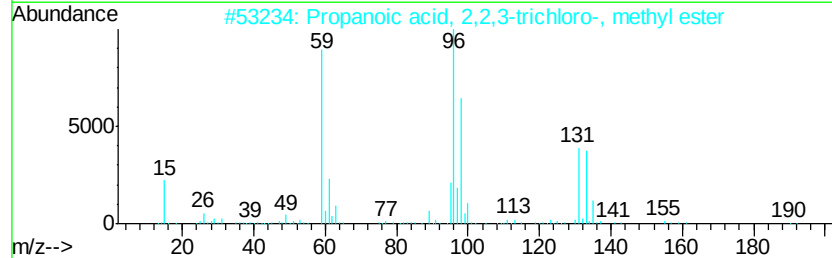
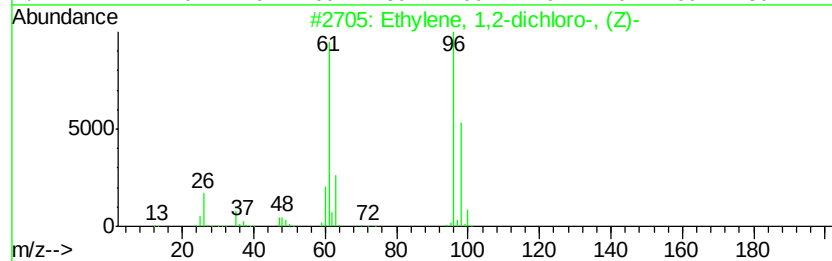
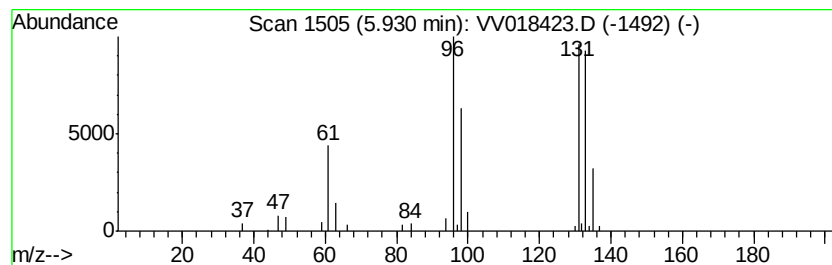
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.14 ug/L	47009	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2		Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
3		Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35
4		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
5		2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018423.D
Acq On : 24 Sep 2020 12:58
Operator : SY/MD
Sample : L4109-11 20X
Misc : 5.91µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BG3X1

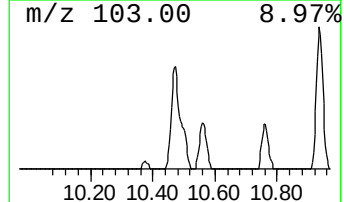
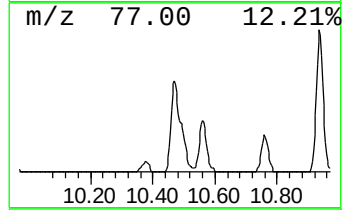
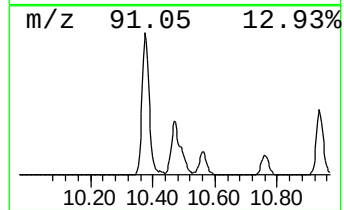
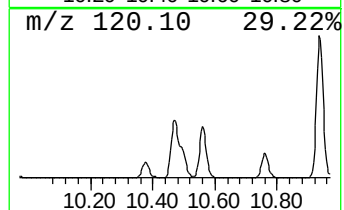
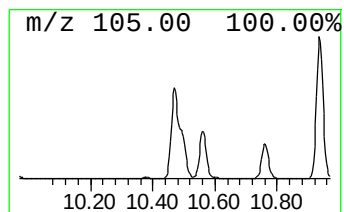
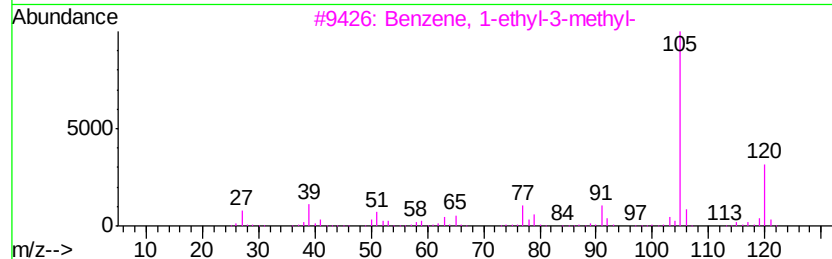
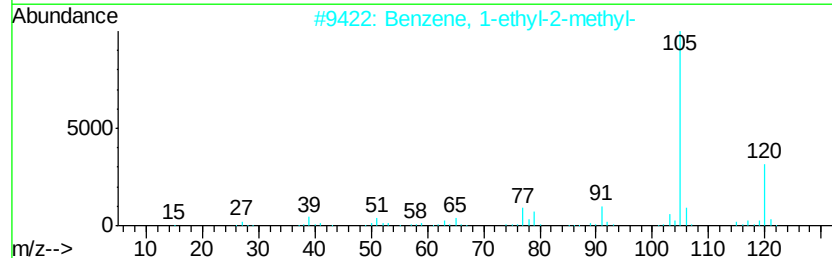
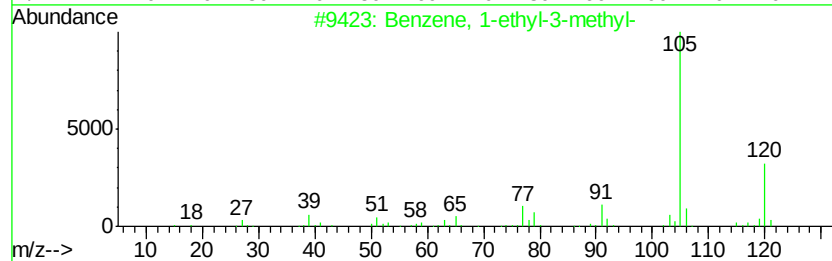
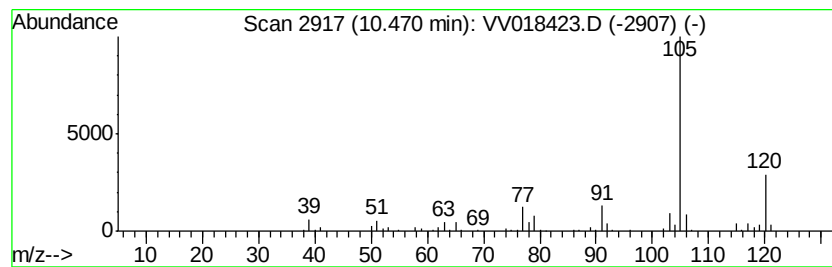
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	7.01 ug/L	141163	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018423.D
Acq On : 24 Sep 2020 12:58
Operator : SY/MD
Sample : L4109-11 20X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3X1

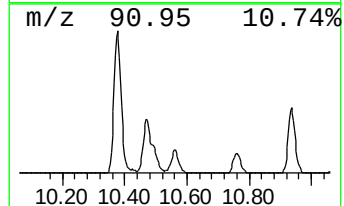
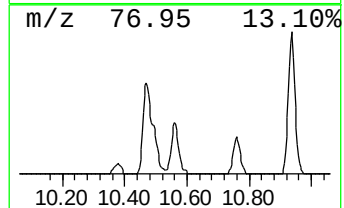
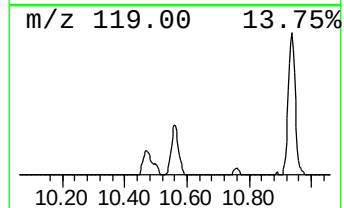
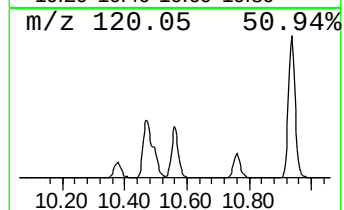
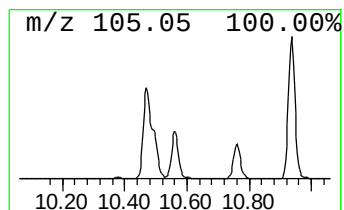
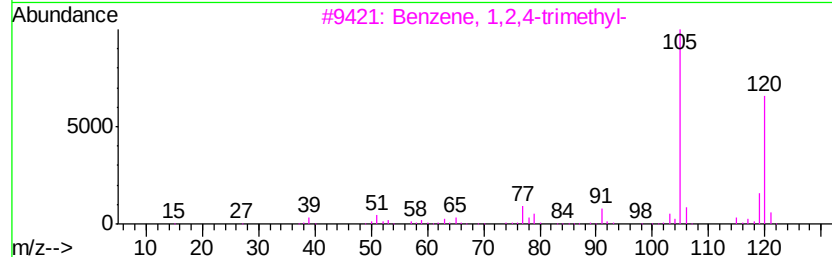
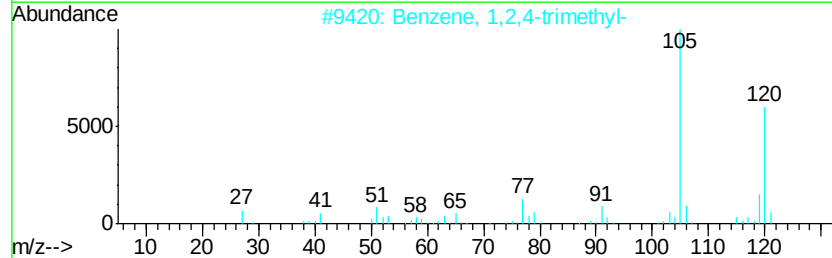
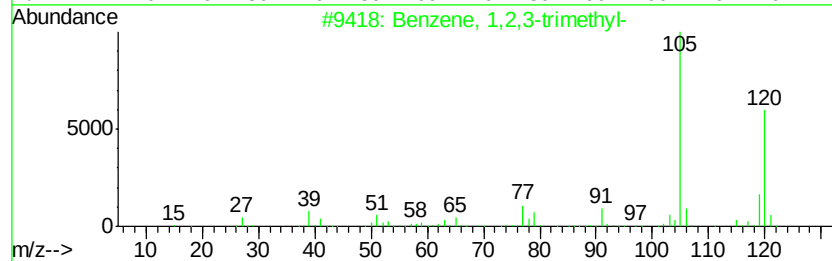
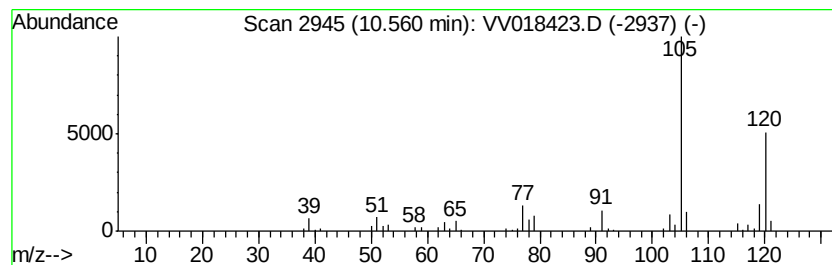
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.89 ug/L	58173	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5		Mesitylene	120	C9H12	000108-67-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018423.D
Acq On : 24 Sep 2020 12:58
Operator : SY/MD
Sample : L4109-11 20X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3X1

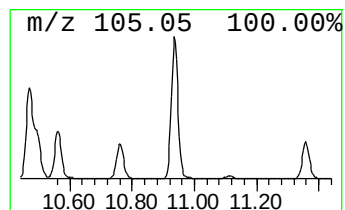
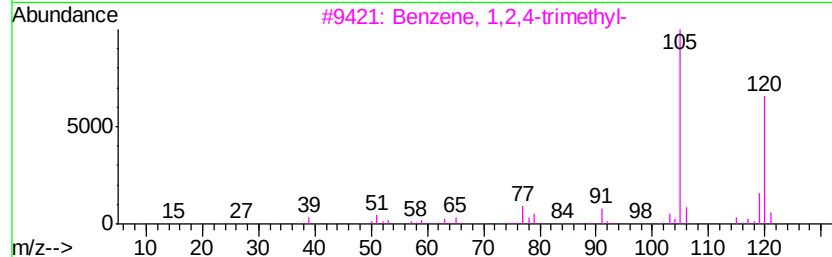
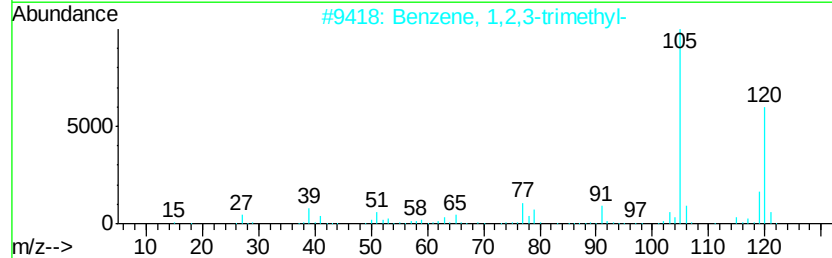
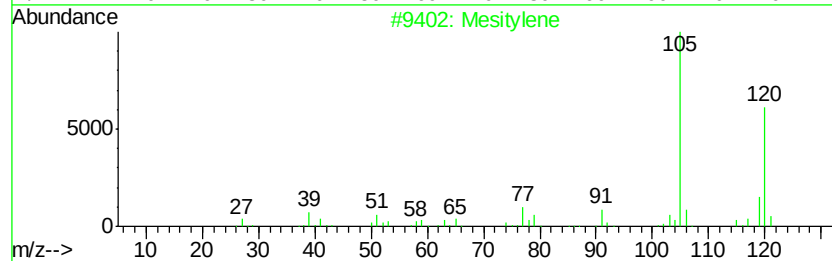
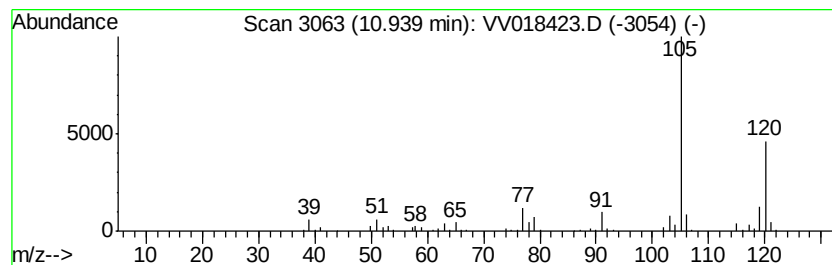
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	8.65 ug/L	174285	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	97
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Mesitylene	120	C9H12	000108-67-8	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018423.D
Acq On : 24 Sep 2020 12:58
Operator : SY/MD
Sample : L4109-11 20X
Misc : 5.91µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3X1

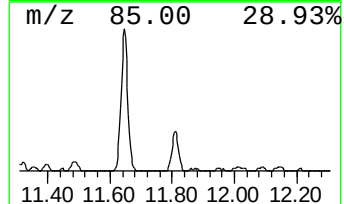
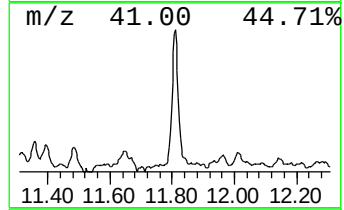
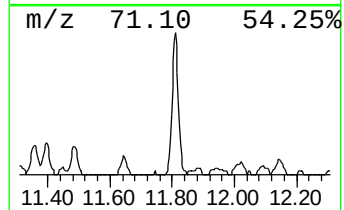
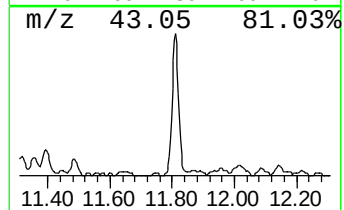
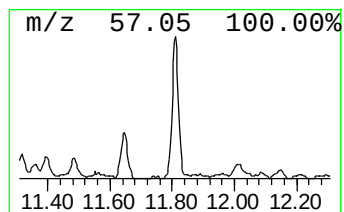
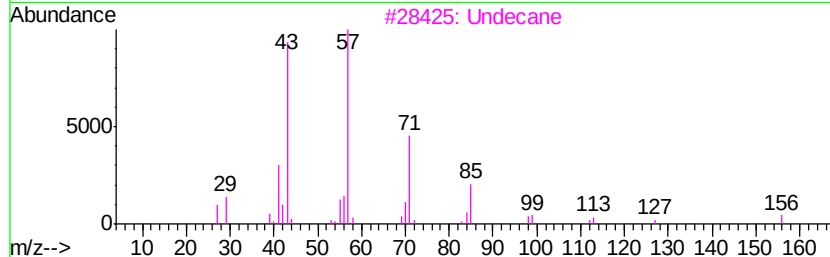
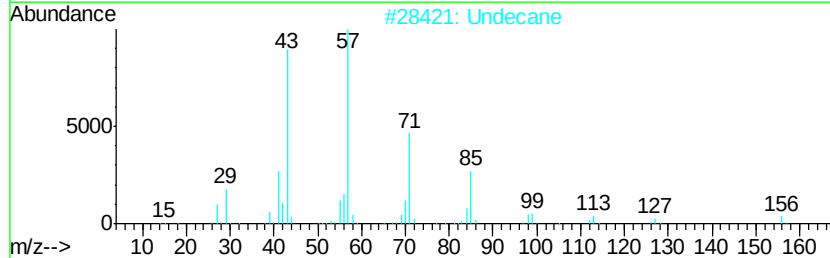
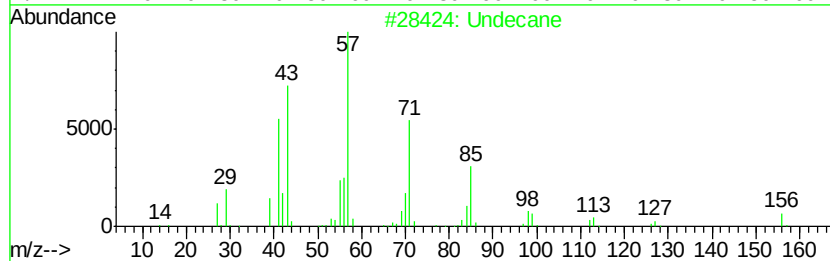
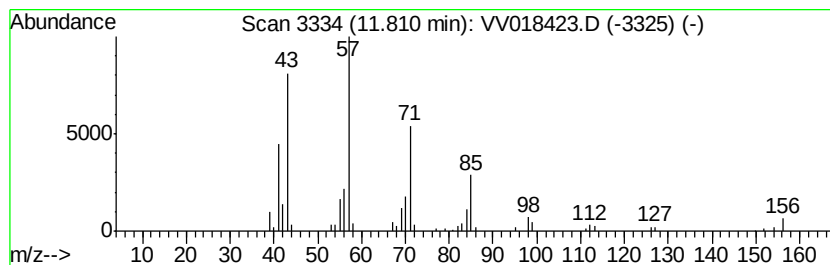
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	2.60 ug/L	52296	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	83
3	Undecane	156	C11H24	001120-21-4	81
4	Undecane	156	C11H24	001120-21-4	81
5	Tetradecane	198	C14H30	000629-59-4	78



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018423.D
Acq On : 24 Sep 2020 12:58
Operator : SY/MD
Sample : L4109-11 20X
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3X1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.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
(DEL) Alkane: Str...	3.06	2.6	ug/L	38497	1	5.64	749284	50.0
unknown-01	5.93	3.1	ug/L	47009	1	5.64	749284	50.0
Benzene, 1-ethyl-...	10.47	7.0	ug/L	141163	3	11.27	1006980	50.0
Benzene, 1,2,3-tr...	10.56	2.9	ug/L	58173	3	11.27	1006980	50.0
Mesitylene	10.94	8.7	ug/L	174285	3	11.27	1006980	50.0
(DEL) Alkane: Str...	11.81	2.6	ug/L	52296	3	11.27	1006980	50.0