

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046186.D
 Acq On : 08 Dec 2021 19:36
 Operator : SY/MD
 Sample : M4887-12ME
 Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EX8A7ME

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_U\Method\SFAMULM112921WMA.M
 Title : VOC Analysis

Signal : TIC: VU046186.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	73	81	95	rVB	82237	105609	0.85%	0.489%
2	1.919	171	180	199	rVB	49074	81928	0.66%	0.380%
3	1.989	199	202	206	rBV4	1119	952	0.01%	0.004%
4	2.041	215	218	223	rBV2	724	792	0.01%	0.004%
5	2.067	224	226	229	rVB3	506	313	0.00%	0.001%
6	2.096	233	235	240	rBV4	430	435	0.00%	0.002%
7	2.443	341	343	345	rBV2	595	329	0.00%	0.002%
8	2.549	364	376	388	rBV	147549	239816	1.93%	1.112%
9	3.041	521	529	543	rVB4	2503	4671	0.04%	0.022%
10	3.179	557	572	589	rVV2	15477	40740	0.33%	0.189%
11	3.343	620	623	627	rVB2	808	643	0.01%	0.003%
12	3.501	668	672	675	rVV2	365	322	0.00%	0.001%
13	3.578	693	696	700	rVB2	455	328	0.00%	0.002%
14	3.681	722	728	731	rBV2	514	518	0.00%	0.002%
15	3.697	731	733	738	rVB2	467	333	0.00%	0.002%
16	3.723	738	741	747	rBV2	526	568	0.00%	0.003%
17	3.761	750	753	758	rBV2	360	327	0.00%	0.002%
18	3.841	770	778	780	rBV2	338	392	0.00%	0.002%
19	3.938	804	808	813	rBV2	543	632	0.01%	0.003%
20	4.237	899	901	909	rBV2	240	330	0.00%	0.002%
21	4.288	912	917	924	rVB2	405	611	0.00%	0.003%
22	4.382	941	946	953	rBV2	378	537	0.00%	0.002%
23	4.452	964	968	972	rVB2	538	446	0.00%	0.002%
24	4.530	985	992	996	rBV2	402	598	0.00%	0.003%
25	4.658	1014	1032	1076	rBV2	44469	199605	1.60%	0.925%
26	5.066	1142	1159	1187	rVB	122982	310654	2.50%	1.440%
27	5.423	1265	1270	1272	rBV	426	379	0.00%	0.002%
28	5.484	1284	1289	1292	rBV2	396	387	0.00%	0.002%
29	5.722	1341	1363	1388	rBV2	308135	800119	6.43%	3.709%
30	5.980	1431	1443	1465	rBV4	5312	13600	0.11%	0.063%
31	6.250	1512	1527	1552	rBV	262647	536789	4.32%	2.488%
32	6.468	1591	1595	1598	rBV	437	407	0.00%	0.002%
33	6.542	1599	1618	1651	rBV	6521200	12436590	100.00%	57.644%
34	6.693	1652	1665	1683	rVB	168831	349880	2.81%	1.622%
35	6.996	1753	1759	1764	rBV	678	841	0.01%	0.004%
36	7.025	1765	1768	1769	rVV	470	340	0.00%	0.002%

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Integrator: RTE

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 Title : VOC Analysis

37	7.050	1773	1776	1779	rVV	778	579	0.00%	0.003%
38	7.214	1823	1827	1832	rBV5	505	489	0.00%	0.002%
39	7.372	1872	1876	1880	rVV2	455	367	0.00%	0.002%
40	7.420	1889	1891	1897	rVV	488	471	0.00%	0.002%
41	7.520	1918	1922	1924	rBV	446	337	0.00%	0.002%
42	7.568	1924	1937	1958	rBV2	93095	188483	1.52%	0.874%
43	7.700	1975	1978	1983	rVB2	415	422	0.00%	0.002%
44	7.790	1995	2006	2008	rBV4	4239	5440	0.04%	0.025%
45	7.851	2020	2025	2026	rBV3	583	474	0.00%	0.002%
46	7.899	2026	2040	2057	rBV	348578	659464	5.30%	3.057%
47	8.182	2116	2128	2156	rVB	55716	128154	1.03%	0.594%
48	8.330	2171	2174	2178	rBV2	317	332	0.00%	0.002%
49	8.407	2185	2198	2221	rBV2	22532	58261	0.47%	0.270%
50	8.555	2231	2244	2258	rVB	125468	220028	1.77%	1.020%
51	8.681	2259	2283	2316	rVV	139337	423792	3.41%	1.964%
52	8.793	2316	2318	2327	rVB2	411	393	0.00%	0.002%
53	8.861	2336	2339	2344	rVB2	635	410	0.00%	0.002%
54	8.925	2353	2359	2360	rBV4	670	641	0.01%	0.003%
55	8.992	2376	2380	2386	rVB2	566	578	0.00%	0.003%
56	9.031	2386	2392	2395	rBV2	575	567	0.00%	0.003%
57	9.423	2494	2514	2536	rBV	306048	672489	5.41%	3.117%
58	9.697	2593	2599	2611	rVV6	3226	6612	0.05%	0.031%
59	9.745	2611	2614	2622	rVB4	1446	1700	0.01%	0.008%
60	9.803	2628	2632	2638	rVB	452	458	0.00%	0.002%
61	9.841	2639	2644	2647	rVB	433	366	0.00%	0.002%
62	9.915	2663	2667	2671	rBV	380	328	0.00%	0.002%
63	10.105	2718	2726	2727	rBV4	2766	2662	0.02%	0.012%
64	10.240	2764	2768	2770	rBV2	953	773	0.01%	0.004%
65	10.356	2797	2804	2810	rBV3	1514	2154	0.02%	0.010%
66	10.394	2810	2816	2825	rVB6	2005	2907	0.02%	0.013%
67	10.468	2831	2839	2854	rBV7	5818	9657	0.08%	0.045%
68	10.565	2865	2869	2873	rVB2	549	422	0.00%	0.002%
69	10.623	2880	2887	2889	rBV4	628	699	0.01%	0.003%
70	10.668	2897	2901	2914	rVB6	2948	4628	0.04%	0.021%
71	10.770	2920	2933	2951	rBV	254633	430018	3.46%	1.993%
72	10.899	2965	2973	2983	rVB5	2801	4992	0.04%	0.023%
73	11.012	2999	3008	3017	rBV5	3428	6109	0.05%	0.028%
74	11.063	3020	3024	3026	rBV4	1258	1130	0.01%	0.005%
75	11.114	3035	3040	3057	rVB3	12968	21639	0.17%	0.100%
76	11.192	3057	3064	3065	rBV3	871	901	0.01%	0.004%

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Instrument :
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 ClientSampleId :
 EX8A7ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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 Title : VOC Analysis

77	11.304	3088	3099	3113	rVB6	2727	5910	0.05%	0.027%
78	11.381	3119	3123	3126	rBV3	848	701	0.01%	0.003%
79	11.417	3126	3134	3140	rVV4	3955	5394	0.04%	0.025%
80	11.468	3144	3150	3162	rVB3	6915	11703	0.09%	0.054%
81	11.571	3177	3182	3191	rBV7	1397	2785	0.02%	0.013%
82	11.642	3197	3204	3206	rBV6	2235	2436	0.02%	0.011%
83	11.706	3216	3224	3233	rBV8	4615	8830	0.07%	0.041%
84	11.819	3247	3259	3272	rBV	450981	716854	5.76%	3.323%
85	12.047	3328	3330	3333	rVB2	816	484	0.00%	0.002%
86	12.108	3341	3349	3352	rBV8	3573	5797	0.05%	0.027%
87	12.198	3364	3377	3390	rBV	406633	666800	5.36%	3.091%
88	12.327	3409	3417	3427	rVB2	31959	45221	0.36%	0.210%
89	12.667	3516	3523	3530	rBV8	3781	7067	0.06%	0.033%
90	12.812	3562	3568	3574	rBV3	14132	22357	0.18%	0.104%
91	12.931	3598	3605	3610	rBV4	8492	14015	0.11%	0.065%
92	13.449	3755	3766	3783	rVB3	38801	98812	0.79%	0.458%
93	14.089	3955	3965	3985	rVB	377311	629660	5.06%	2.918%
94	15.220	4308	4317	4328	rVB	229440	356690	2.87%	1.653%
95	15.410	4367	4376	4394	rVB	178652	294849	2.37%	1.367%
96	15.954	4538	4545	4556	rVB	55847	86873	0.70%	0.403%
97	16.262	4632	4641	4664	rVB	101016	186052	1.50%	0.862%
98	16.410	4678	4687	4693	rBV	122108	185327	1.49%	0.859%
99	16.880	4827	4833	4847	rVB	29106	45089	0.36%	0.209%
100	17.095	4892	4900	4914	rVB2	107353	183146	1.47%	0.849%

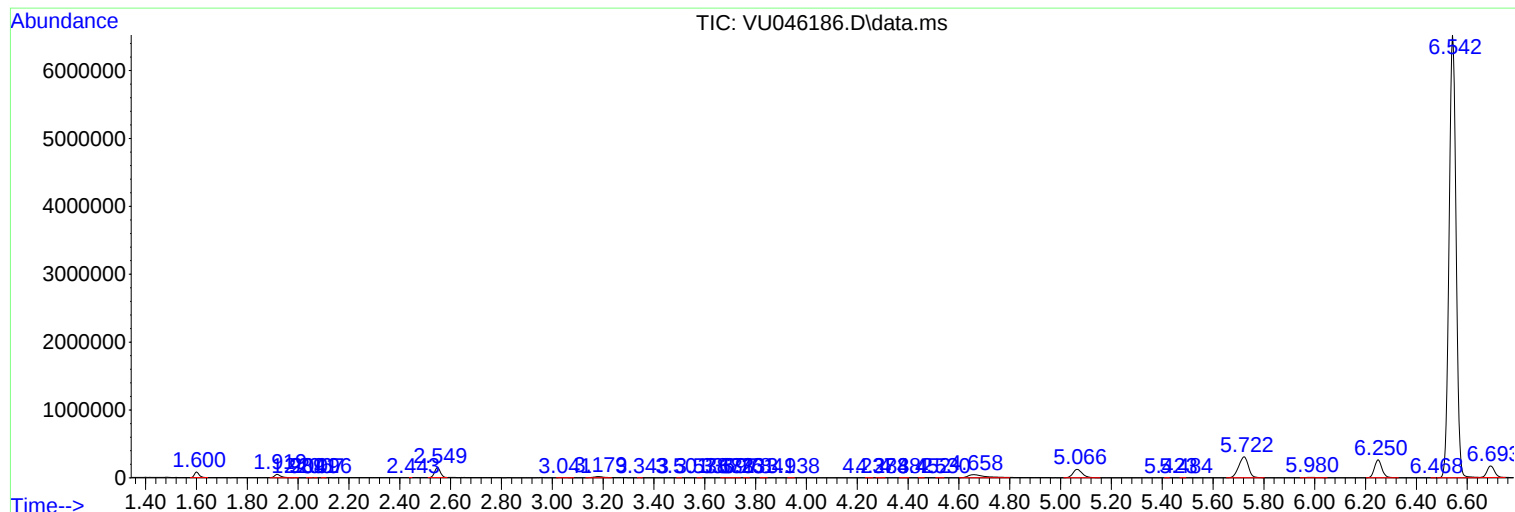
Sum of corrected areas: 21574939

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Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX8A7ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX8A7ME

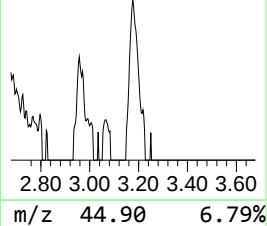
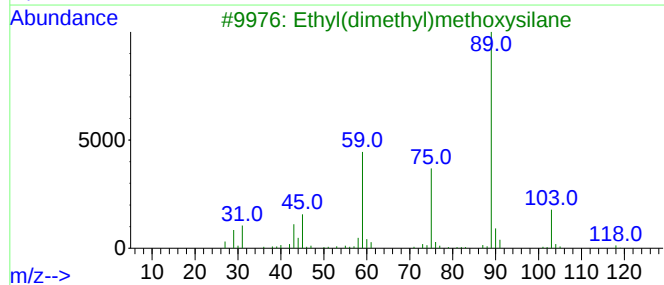
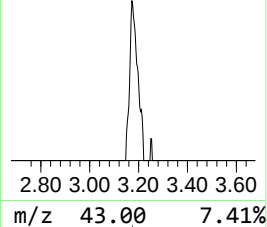
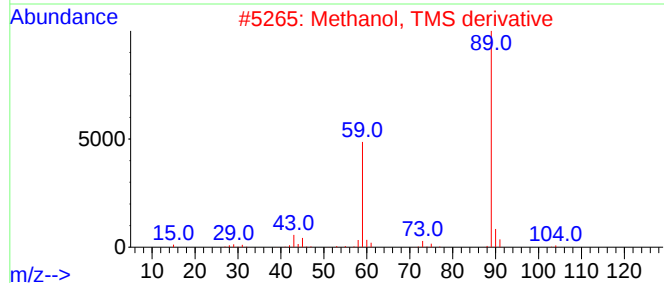
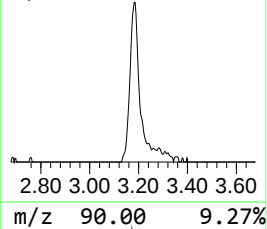
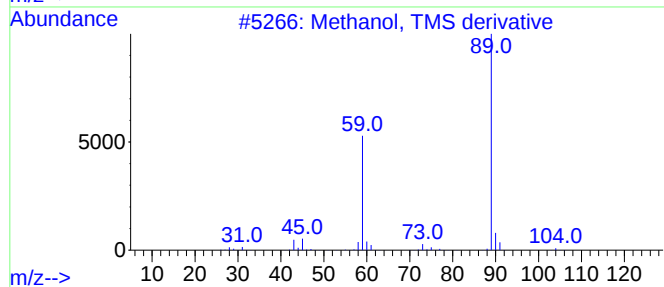
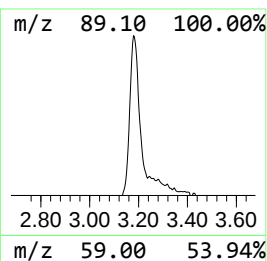
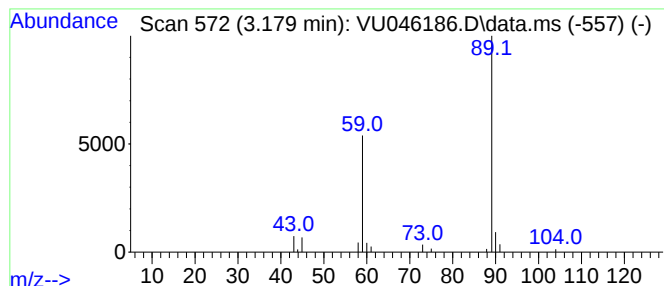
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Methanol, TMS derivative Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.179	3.79 ug/L	40740	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanol, TMS derivative	104	C4H12OSi	001825-61-2	91
2			Methanol, TMS derivative	104	C4H12OSi	001825-61-2	91
3			Ethyl(dimethyl)methoxysilane	118	C5H14OSi	052686-75-6	83
4			Methanol, TBDMS derivative	146	C7H18OSi	1000364-10-7	83
5			Silane, (2-methoxyethyl)trimethyl-	132	C6H16OSi	018173-63-2	64



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Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX8A7ME

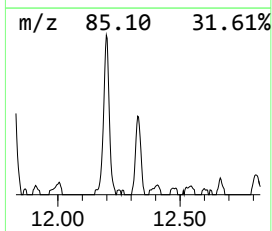
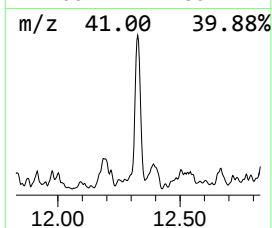
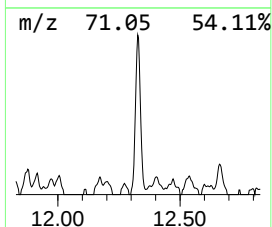
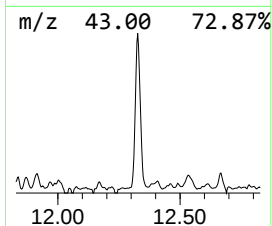
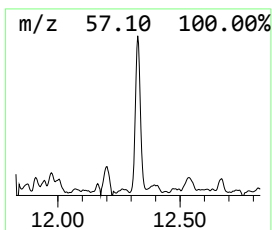
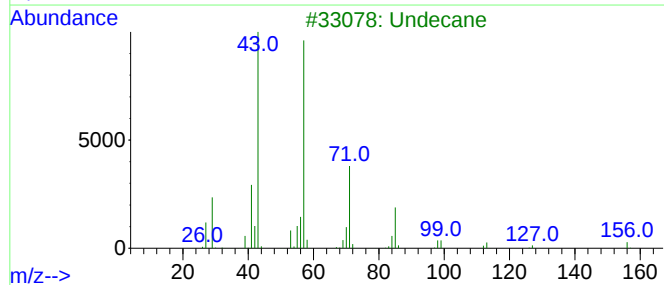
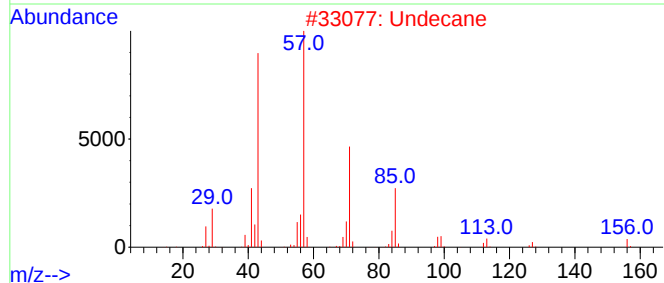
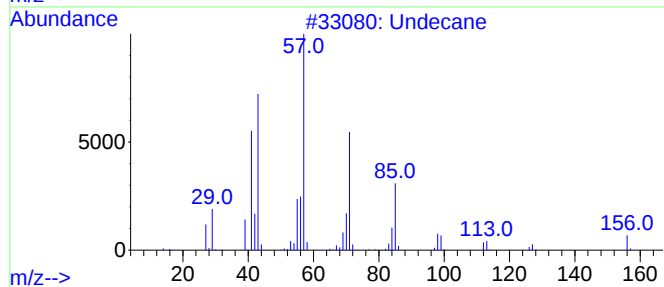
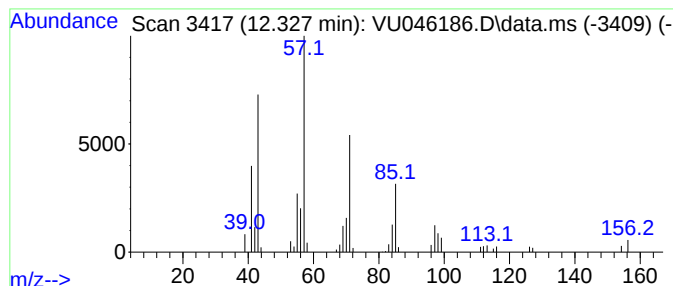
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	3.15 ug/L	45221	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	95
2	Undecane			156	C11H24	001120-21-4	90
3	Undecane			156	C11H24	001120-21-4	87
4	Carbonic acid, undecyl vinyl ester			242	C14H26O3	1000382-54-9	83
5	Undecane			156	C11H24	001120-21-4	81



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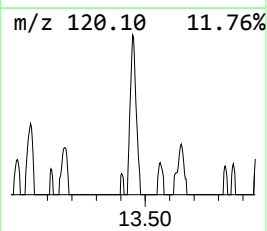
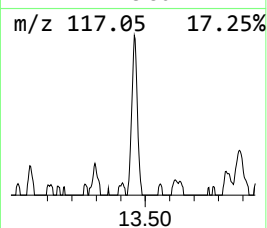
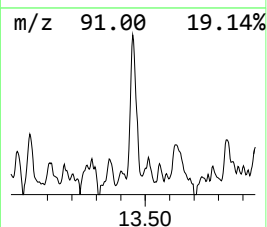
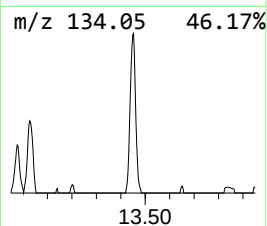
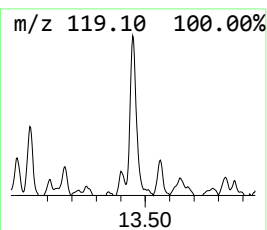
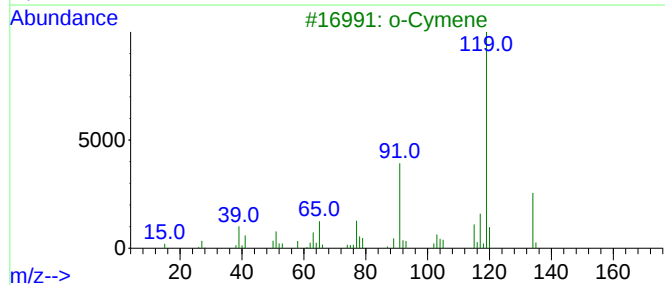
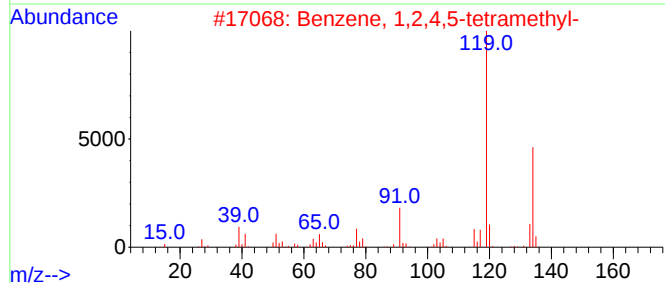
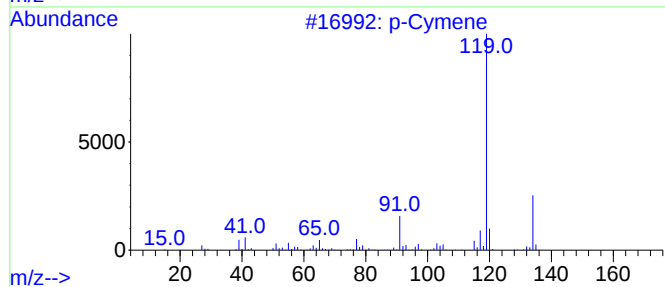
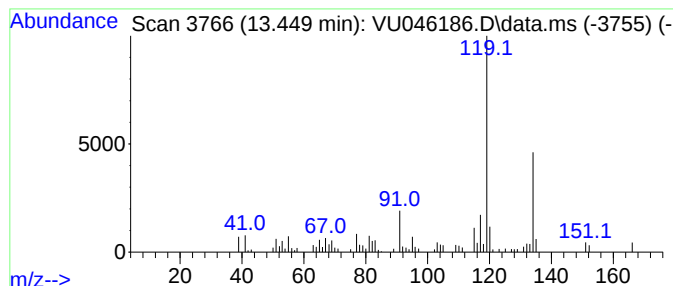
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	6.89 ug/L	98812	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	91
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3			o-Cymene	134	C10H14	000527-84-4	87
4			o-Cymene	134	C10H14	000527-84-4	87
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046186.D
Acq On : 08 Dec 2021 19:36
Operator : SY/MD
Sample : M4887-12ME
Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX8A7ME

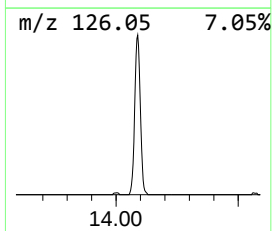
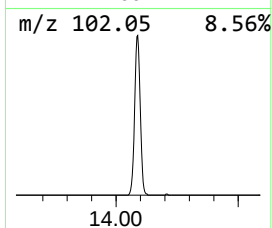
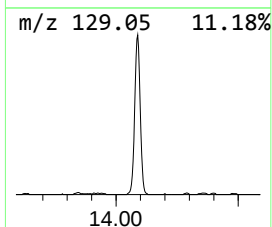
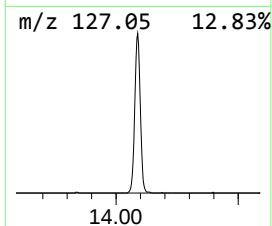
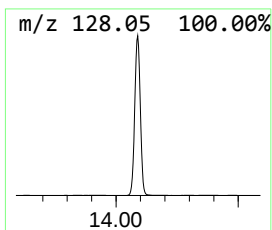
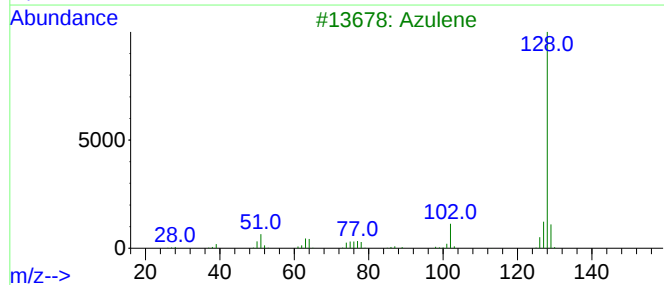
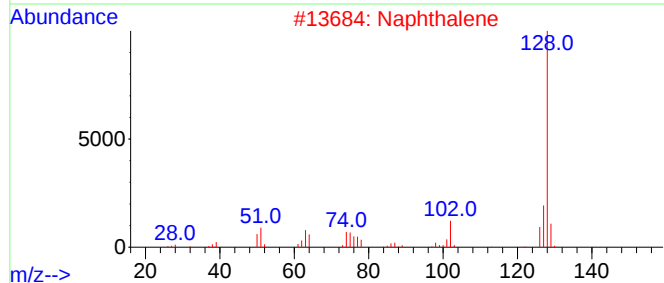
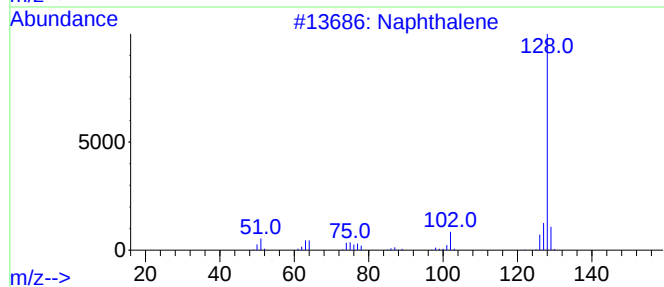
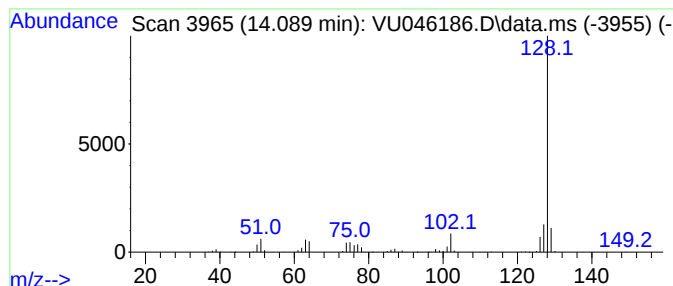
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Quant Title : VOC Analysis

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

Peak Number 5 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.089	43.92 ug/L	629660	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Azulene	128	C10H8	000275-51-4	93
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046186.D
Acq On : 08 Dec 2021 19:36
Operator : SY/MD
Sample : M4887-12ME
Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX8A7ME

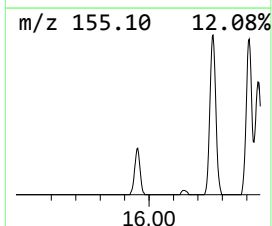
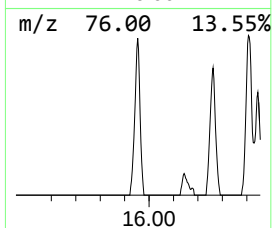
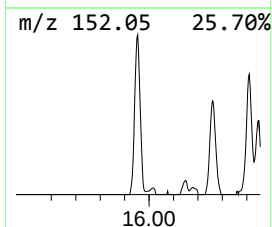
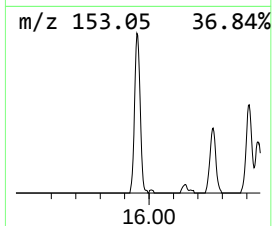
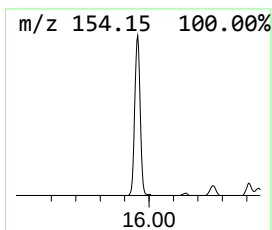
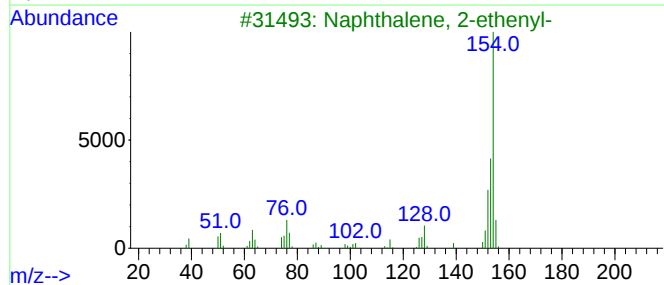
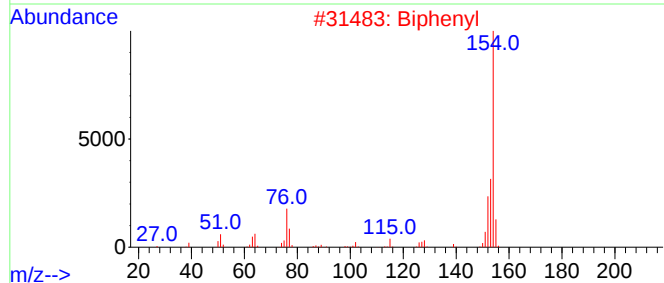
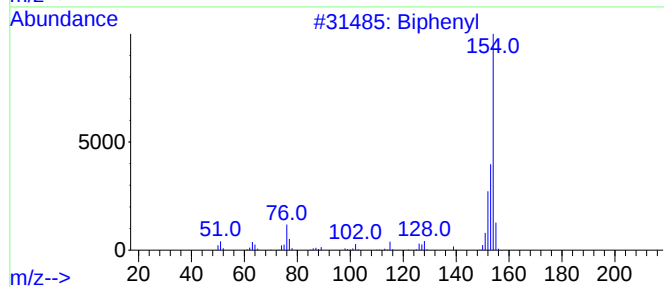
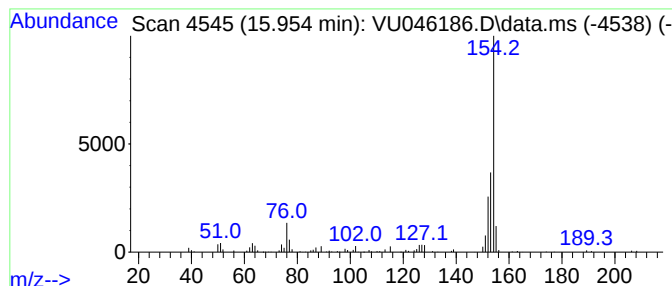
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Quant Title : VOC Analysis

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

Peak Number 8 Biphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.954	6.06 ug/L	86873	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl	154	C12H10	000092-52-4	93
2			Biphenyl	154	C12H10	000092-52-4	74
3			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	74
4			Biphenyl	154	C12H10	000092-52-4	72
5			Propanedinitrile, 2,4,6-cyclohep...	154	C10H6N2	002860-54-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046186.D
Acq On : 08 Dec 2021 19:36
Operator : SY/MD
Sample : M4887-12ME
Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX8A7ME

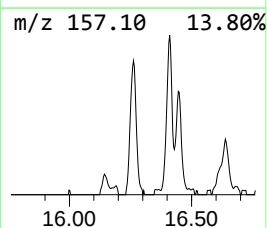
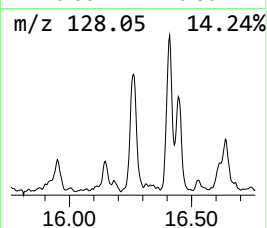
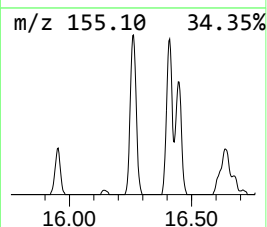
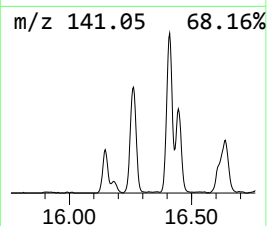
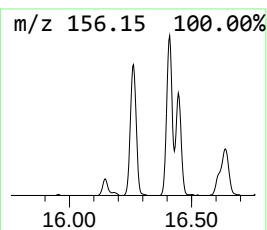
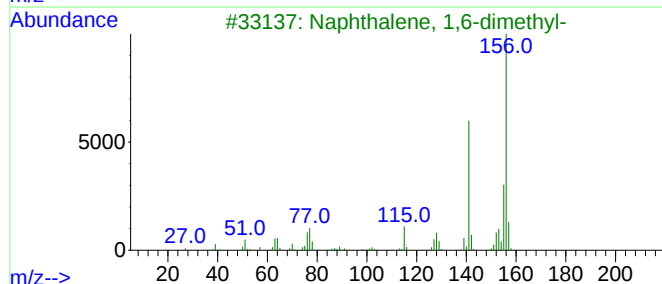
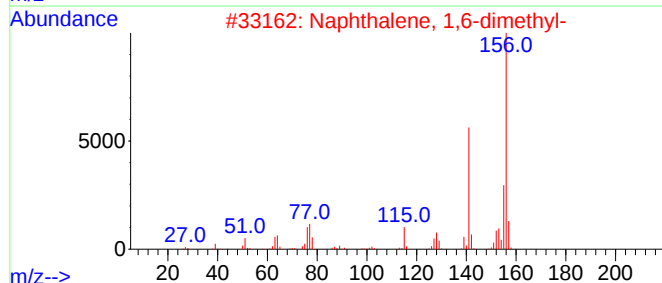
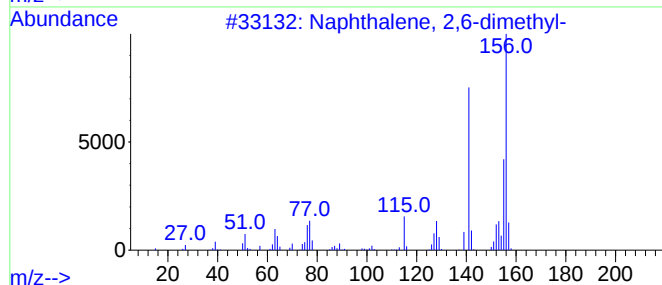
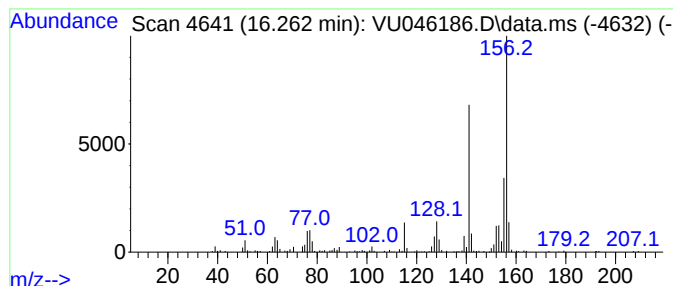
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Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.262	12.98 ug/L	186052	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046186.D
Acq On : 08 Dec 2021 19:36
Operator : SY/MD
Sample : M4887-12ME
Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX8A7ME

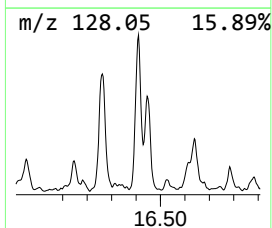
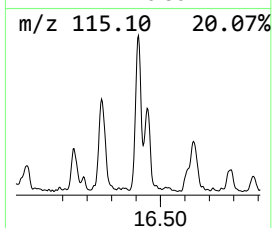
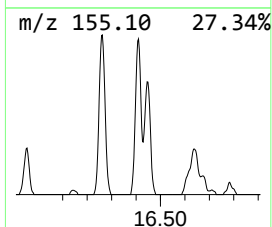
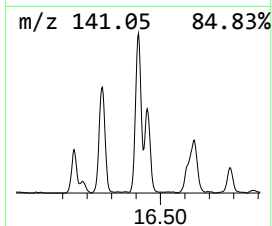
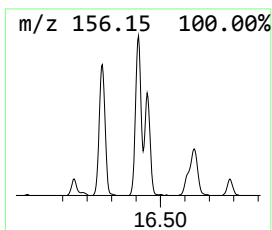
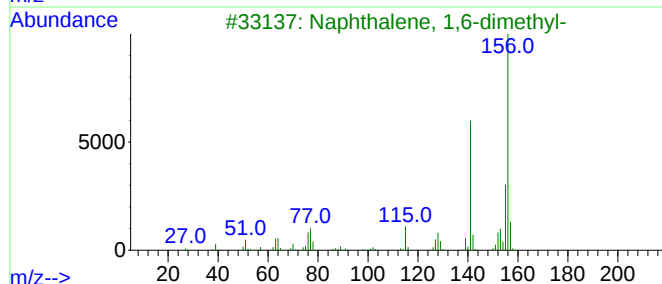
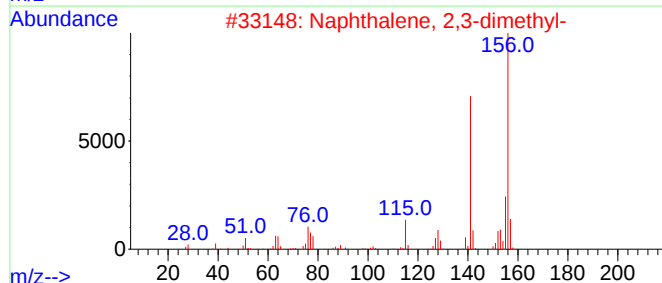
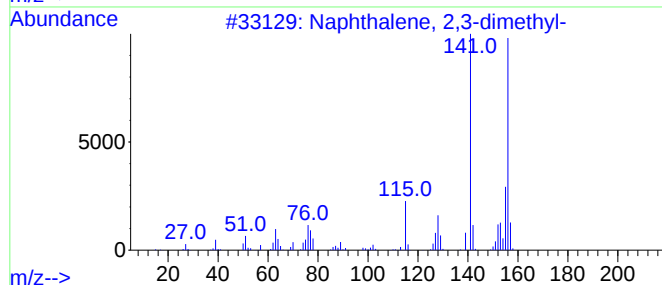
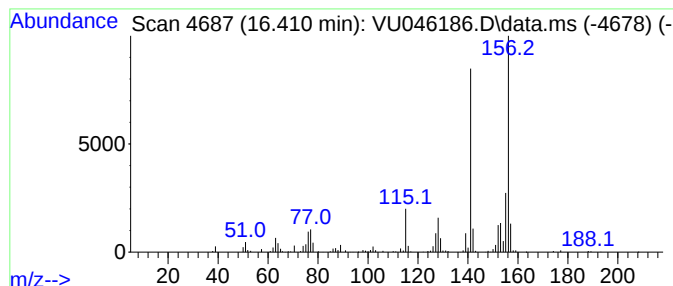
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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.410	12.93 ug/L	185327	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046186.D
Acq On : 08 Dec 2021 19:36
Operator : SY/MD
Sample : M4887-12ME
Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX8A7ME

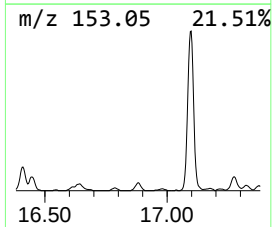
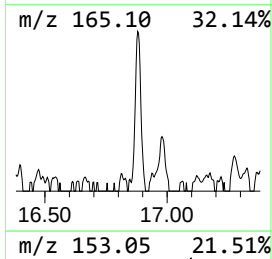
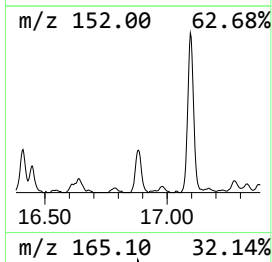
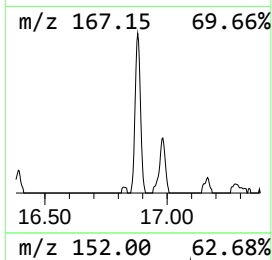
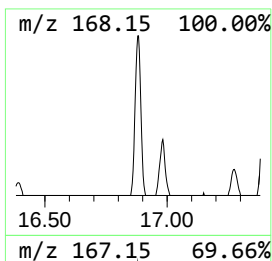
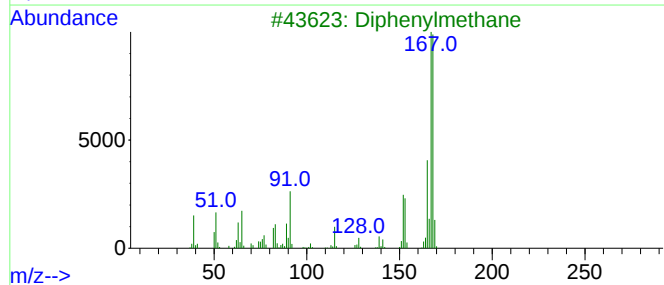
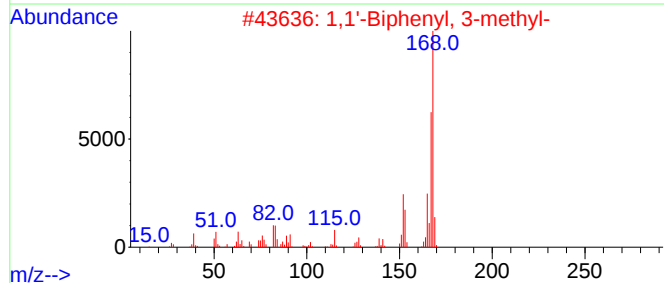
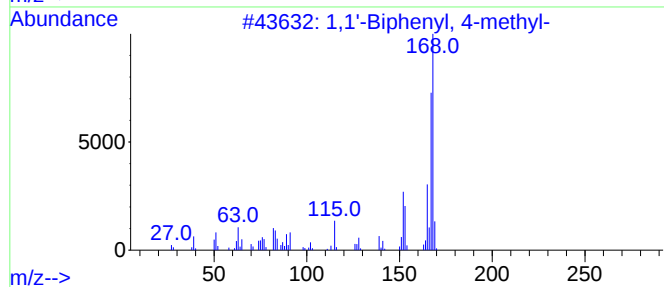
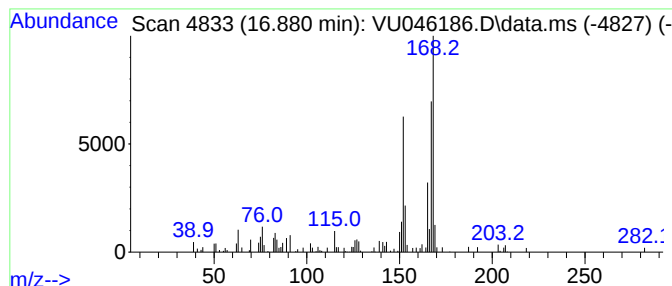
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Quant Title : VOC Analysis

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

Peak Number 11 1,1'-Biphenyl, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.880	3.14 ug/L	45089	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-			168	C13H12	000644-08-6	86
2	1,1'-Biphenyl, 3-methyl-			168	C13H12	000643-93-6	86
3	Diphenylmethane			168	C13H12	000101-81-5	83
4	1,1'-Biphenyl, 2-methyl-			168	C13H12	000643-58-3	64
5	1,1'-Biphenyl, 4-methyl-			168	C13H12	000644-08-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046186.D
Acq On : 08 Dec 2021 19:36
Operator : SY/MD
Sample : M4887-12ME
Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX8A7ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methanol, TMS d...	3.179	3.8	ug/L	40740	1	6.250	536789	50.0
(DEL) Alkane: S...	12.327	3.1	ug/L	45221	3	11.819	716854	50.0
p-Cymene	13.449	6.9	ug/L	98812	3	11.819	716854	50.0
Azulene	14.089	43.9	ug/L	629660	3	11.819	716854	50.0
Biphenyl	15.954	6.1	ug/L	86873	3	11.819	716854	50.0
Naphthalene, 2,...	16.262	13.0	ug/L	186052	3	11.819	716854	50.0
Naphthalene, 2,...	16.410	12.9	ug/L	185327	3	11.819	716854	50.0
1,1'-Biphenyl, ...	16.880	3.1	ug/L	45089	3	11.819	716854	50.0