

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046228.D
 Acq On : 09 Dec 2021 18:28
 Operator : SY/MD
 Sample : M4983-16
 Misc : 5.3mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P6

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: VU046228.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.607	74	83	101	rVB2	240586	289072	4.71%	1.189%
2	1.938	171	186	203	rBV2	243888	410437	6.68%	1.688%
3	2.086	227	232	241	rVB2	3806	5184	0.08%	0.021%
4	2.147	242	251	259	rBV5	3404	6117	0.10%	0.025%
5	2.250	278	283	291	rVB3	1047	1120	0.02%	0.005%
6	2.575	371	384	401	rBV3	201970	385697	6.28%	1.586%
7	3.047	525	531	539	rBV3	1109	1970	0.03%	0.008%
8	3.192	569	576	580	rBV2	657	768	0.01%	0.003%
9	3.359	615	628	643	rBV	25582	49250	0.80%	0.203%
10	3.877	769	789	814	rBV	976685	2293549	37.34%	9.432%
11	4.012	828	831	833	rBV3	1145	820	0.01%	0.003%
12	4.533	985	993	996	rBV4	931	1366	0.02%	0.006%
13	4.671	1010	1036	1060	rBV	2704244	6142076	100.00%	25.259%
14	5.070	1145	1160	1183	rVB	132088	307803	5.01%	1.266%
15	5.321	1218	1238	1257	rBV	1788899	4000968	65.14%	16.454%
16	5.729	1343	1365	1382	rBV2	283733	778932	12.68%	3.203%
17	6.137	1484	1492	1493	rBV	716	811	0.01%	0.003%
18	6.250	1514	1527	1543	rBV	223070	414931	6.76%	1.706%
19	6.546	1606	1619	1635	rVB3	61615	118750	1.93%	0.488%
20	6.693	1651	1665	1680	rBV	175157	342148	5.57%	1.407%
21	7.568	1924	1937	1950	rBV2	104804	181444	2.95%	0.746%
22	7.793	1997	2007	2018	rVB3	4471	7540	0.12%	0.031%
23	7.851	2018	2025	2026	rBV	1189	1150	0.02%	0.005%
24	7.899	2026	2040	2053	rVV	359817	623506	10.15%	2.564%
25	7.970	2053	2062	2075	rVB	87173	148199	2.41%	0.609%
26	8.179	2112	2127	2140	rVV2	80189	147256	2.40%	0.606%
27	8.240	2143	2146	2156	rVV6	2235	3251	0.05%	0.013%
28	8.404	2191	2197	2203	rVB2	1795	2345	0.04%	0.010%
29	8.555	2232	2244	2257	rBV	108775	185052	3.01%	0.761%
30	8.636	2257	2269	2297	rVB	231704	413855	6.74%	1.702%
31	8.867	2329	2341	2352	rVB4	4229	6713	0.11%	0.028%
32	8.928	2352	2360	2369	rBV4	2208	3848	0.06%	0.016%
33	9.269	2460	2466	2467	rBV2	873	714	0.01%	0.003%
34	9.336	2481	2487	2489	rBV3	1243	1342	0.02%	0.006%
35	9.417	2500	2512	2534	rBV	330144	553915	9.02%	2.278%
36	9.571	2550	2560	2576	rVB	28268	45582	0.74%	0.187%

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Integration Parameters: LSCINT.P

Integrator: RTE

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Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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

37	9.693	2585	2598	2610	rBV	105652	180812	2.94%	0.744%
38	10.031	2691	2703	2704	rBV7	3256	4109	0.07%	0.017%
39	10.102	2713	2725	2744	rVB	246363	406717	6.62%	1.673%
40	10.253	2758	2772	2773	rBV5	6427	8837	0.14%	0.036%
41	10.359	2796	2805	2812	rBV6	7482	14719	0.24%	0.061%
42	10.484	2831	2844	2853	rBV2	6408	10250	0.17%	0.042%
43	10.539	2854	2861	2862	rBV3	1537	1352	0.02%	0.006%
44	10.565	2862	2869	2877	rVB3	2161	3497	0.06%	0.014%
45	10.623	2881	2887	2892	rBV6	3773	5829	0.09%	0.024%
46	10.758	2917	2929	2941	rBV	271352	434820	7.08%	1.788%
47	10.906	2965	2975	2984	rBV	15540	25677	0.42%	0.106%
48	10.999	2994	3004	3008	rBV	115414	180554	2.94%	0.743%
49	11.089	3022	3032	3054	rVB	246674	447547	7.29%	1.841%
50	11.233	3072	3077	3084	rVB3	4357	5394	0.09%	0.022%
51	11.291	3084	3095	3114	rVB	273613	446746	7.27%	1.837%
52	11.375	3115	3121	3126	rBV5	2557	3578	0.06%	0.015%
53	11.417	3127	3134	3140	rVV4	13069	17851	0.29%	0.073%
54	11.468	3140	3150	3173	rVB	279322	442423	7.20%	1.819%
55	11.568	3176	3181	3183	rBV5	1892	1776	0.03%	0.007%
56	11.610	3189	3194	3196	rBV4	3253	3391	0.06%	0.014%
57	11.713	3221	3226	3228	rBV5	5704	5826	0.09%	0.024%
58	11.745	3229	3236	3244	rVB2	36611	52324	0.85%	0.215%
59	11.812	3244	3257	3270	rVB	410258	670176	10.91%	2.756%
60	11.896	3271	3283	3300	rBV	442215	698688	11.38%	2.873%
61	12.060	3327	3334	3336	rBV4	12594	15372	0.25%	0.063%
62	12.095	3337	3345	3352	rBV2	113997	183178	2.98%	0.753%
63	12.192	3363	3375	3391	rVB	494679	846136	13.78%	3.480%
64	12.327	3401	3417	3424	rBV2	43351	79696	1.30%	0.328%
65	12.378	3425	3433	3448	rVB	45087	74677	1.22%	0.307%
66	12.481	3451	3465	3484	rBV3	101956	239319	3.90%	0.984%
67	12.571	3485	3493	3501	rVB	71743	98596	1.61%	0.405%
68	12.690	3519	3530	3549	rVB6	30207	91469	1.49%	0.376%
69	12.809	3562	3567	3573	rBV2	5437	7063	0.11%	0.029%
70	12.877	3579	3588	3597	rVB2	31376	50736	0.83%	0.209%
71	12.973	3599	3618	3626	rBV	39808	73098	1.19%	0.301%
72	13.024	3626	3634	3651	rVB	68041	113767	1.85%	0.468%
73	13.108	3652	3660	3664	rBV3	7991	11988	0.20%	0.049%
74	13.256	3700	3706	3710	rBV5	4129	5694	0.09%	0.023%
75	13.291	3710	3717	3727	rVB5	13980	21486	0.35%	0.088%
76	13.352	3729	3736	3744	rVB5	5003	6892	0.11%	0.028%

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Integration Parameters: LSCINT.P

Integrator: RTE

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Peak Location: TOP

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

77	13.407	3744	3753	3754	rBV3	7178	8122	0.13%	0.033%
78	13.449	3755	3766	3779	rVB4	76894	152825	2.49%	0.628%
79	13.561	3795	3801	3804	rBV	4175	4619	0.08%	0.019%
80	13.622	3814	3820	3835	rVB3	21329	34042	0.55%	0.140%
81	13.732	3849	3854	3861	rBV6	3417	4088	0.07%	0.017%
82	13.780	3865	3869	3877	rVB3	2640	3367	0.05%	0.014%
83	13.835	3877	3886	3902	rBV5	10128	21917	0.36%	0.090%
84	14.085	3955	3964	3983	rVB	49431	86982	1.42%	0.358%
85	14.188	3983	3996	4008	rBV8	6226	12399	0.20%	0.051%
86	14.449	4069	4077	4084	rBV2	14583	18712	0.30%	0.077%
87	14.806	4184	4188	4189	rBV4	2080	1250	0.02%	0.005%
88	14.934	4224	4228	4229	rBV2	1590	1003	0.02%	0.004%
89	15.018	4246	4254	4262	rBV5	4311	6854	0.11%	0.028%
90	15.063	4264	4268	4279	rVB7	1842	3014	0.05%	0.012%
91	15.143	4285	4293	4302	rBV6	1580	2633	0.04%	0.011%
92	15.220	4306	4317	4328	rVV4	13401	24574	0.40%	0.101%
93	15.265	4328	4331	4340	rVB4	1766	2128	0.03%	0.009%
94	15.407	4366	4375	4386	rBV4	18514	30816	0.50%	0.127%
95	15.507	4399	4406	4412	rBV8	1444	2079	0.03%	0.009%
96	15.976	4548	4552	4561	rVB4	3361	3896	0.06%	0.016%
97	16.262	4634	4641	4643	rBV6	2483	2986	0.05%	0.012%
98	16.291	4645	4650	4660	rVB4	5853	8576	0.14%	0.035%
99	16.407	4678	4686	4693	rBV4	4076	5697	0.09%	0.023%
100	17.137	4904	4913	4918	rBV8	2980	4415	0.07%	0.018%

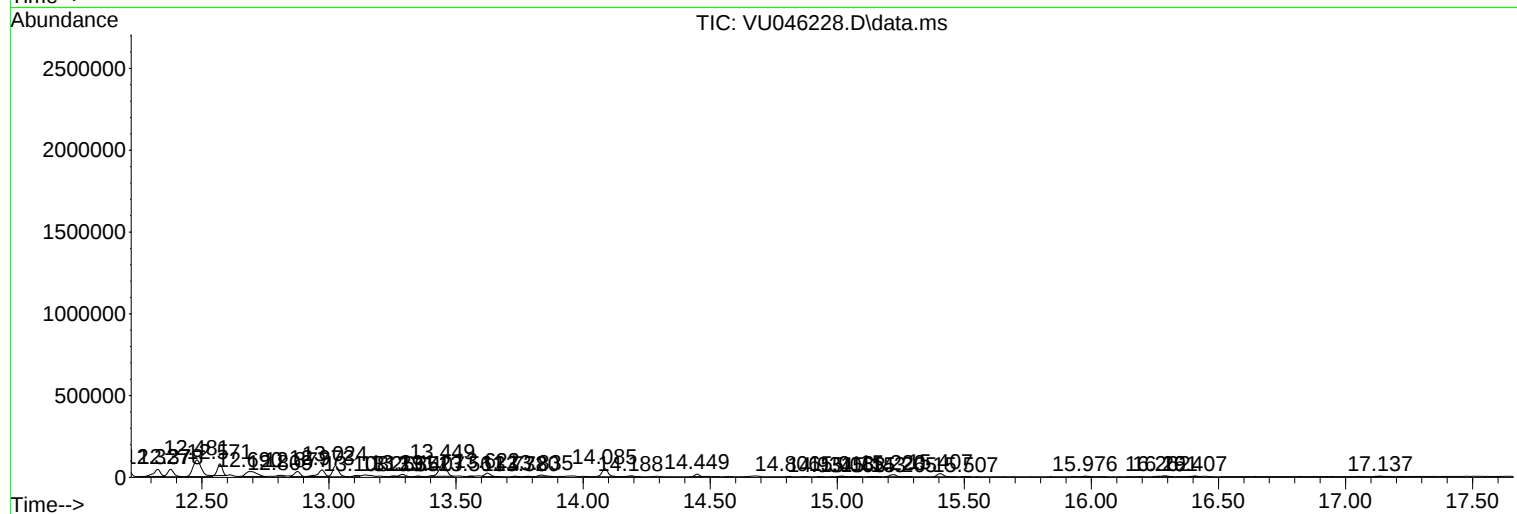
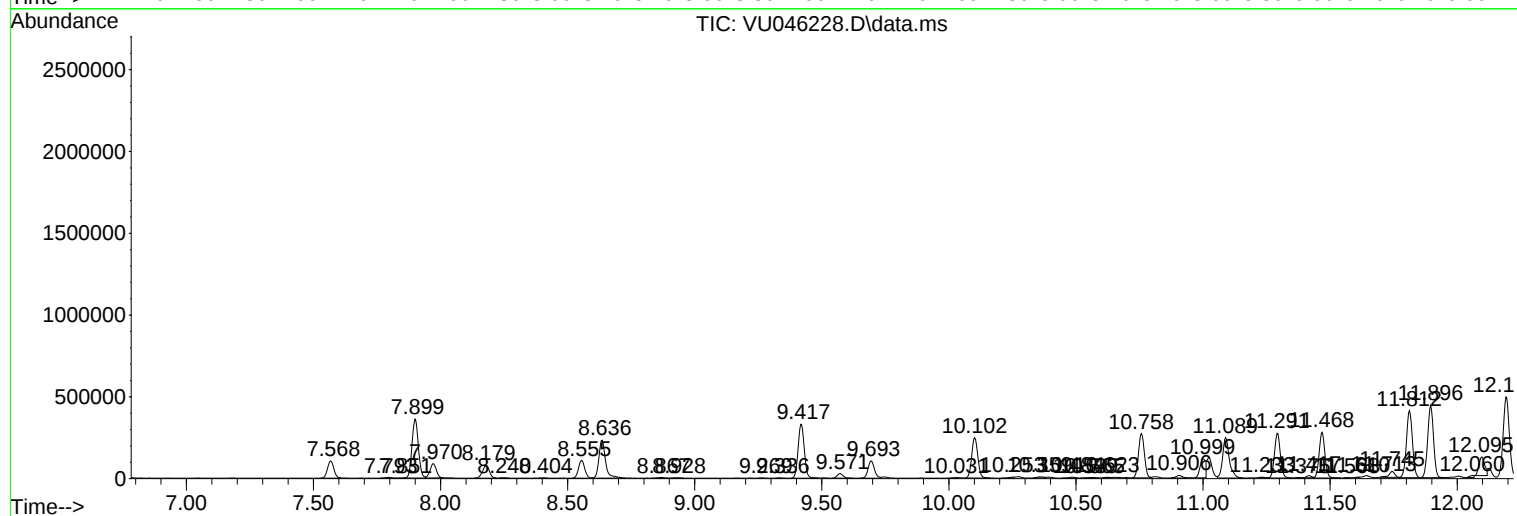
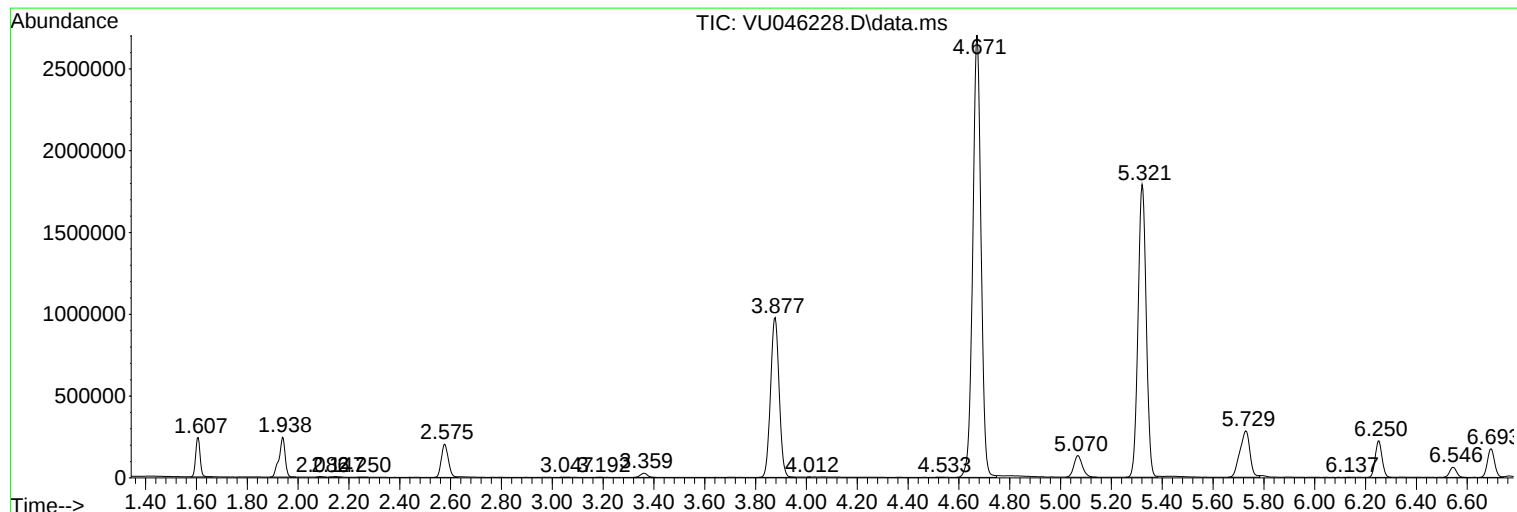
Sum of corrected areas: 24316535

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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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



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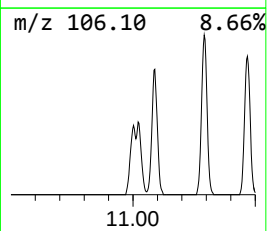
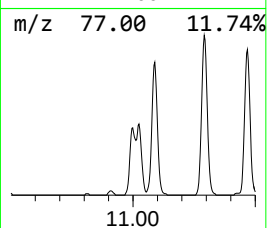
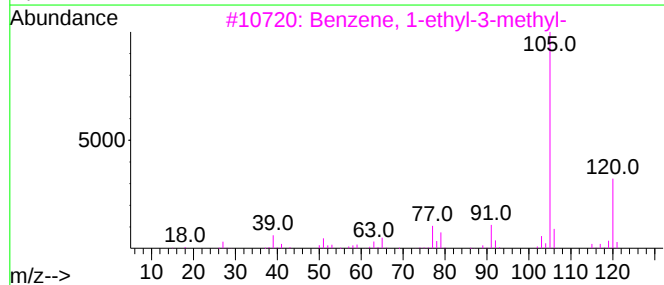
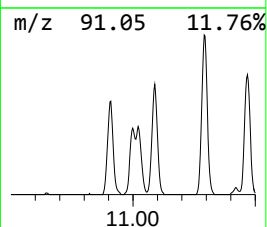
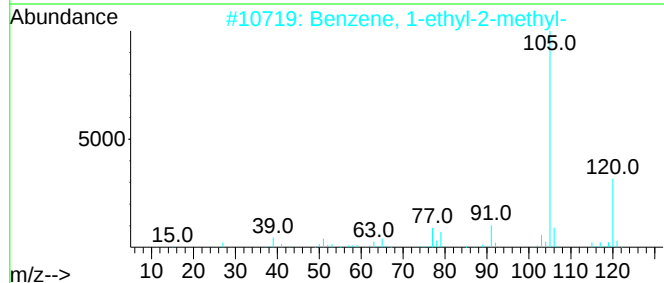
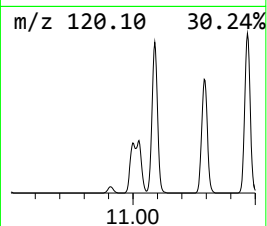
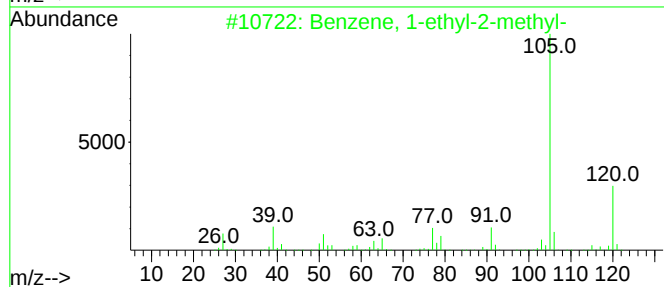
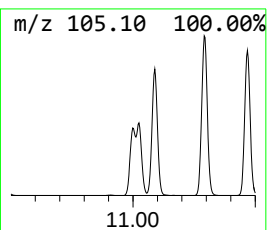
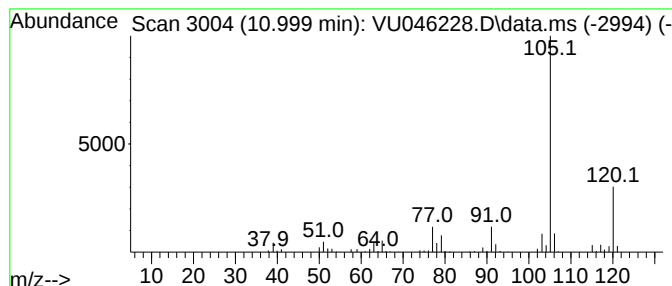
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	13.47 ug/L	180554	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94



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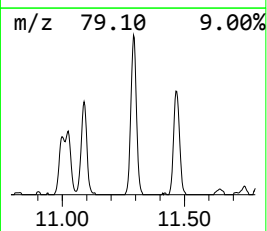
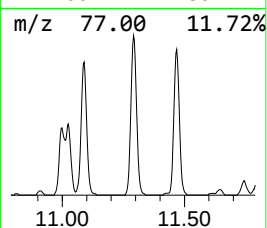
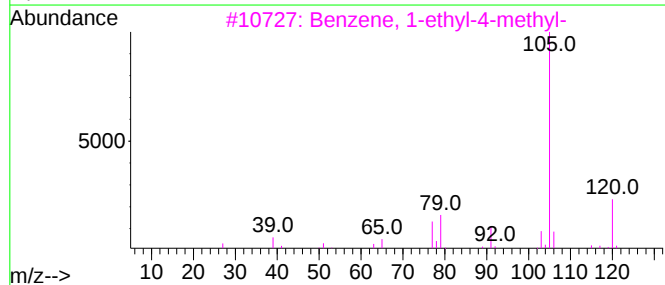
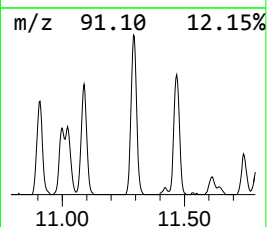
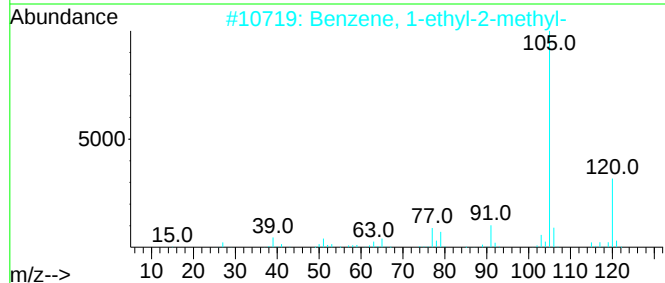
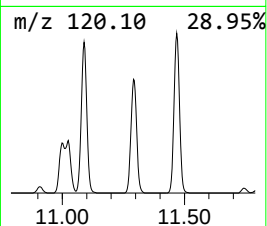
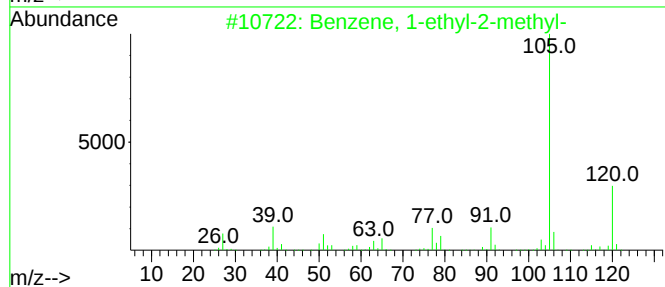
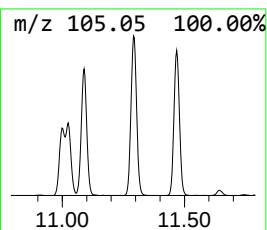
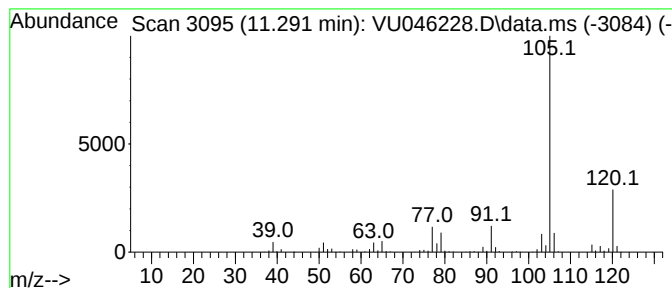
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	33.33 ug/L	446746	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5			Mesitylene	120	C9H12	000108-67-8	90



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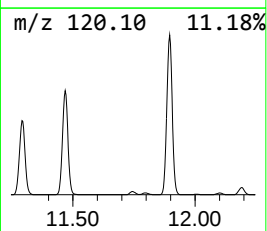
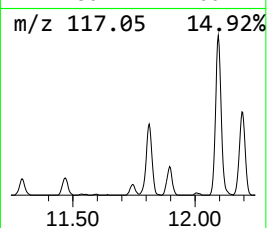
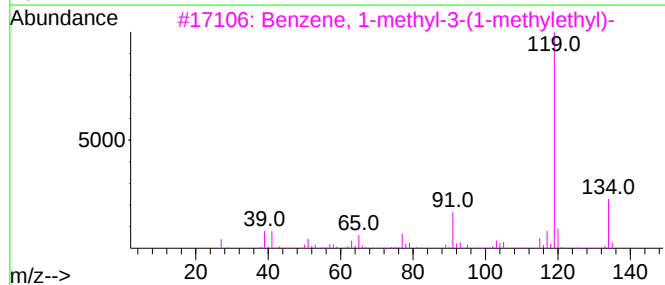
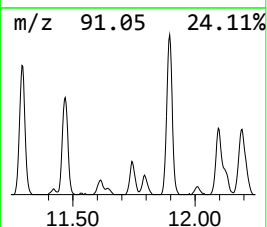
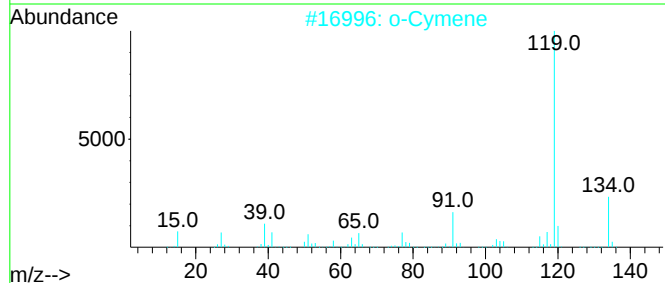
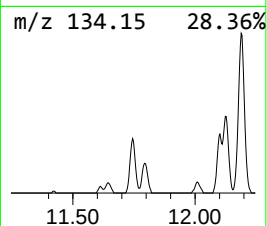
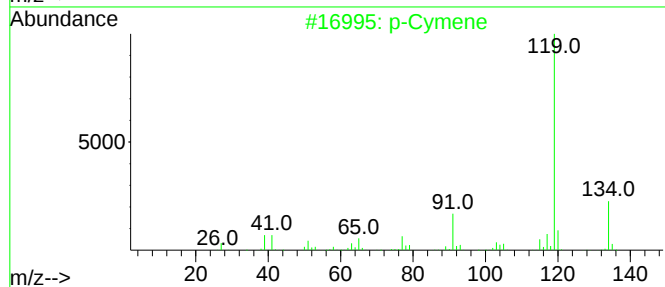
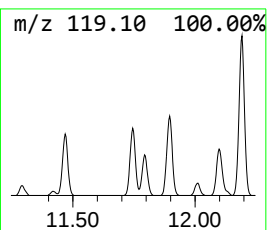
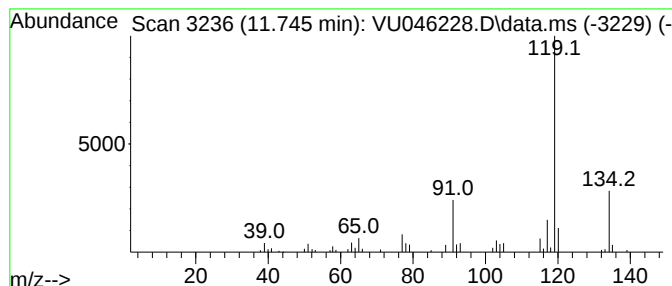
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Quant Title : VOC Analysis

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

Peak Number 4 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	3.90 ug/L	52324	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	97
2			o-Cymene	134	C10H14	000527-84-4	97
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P6

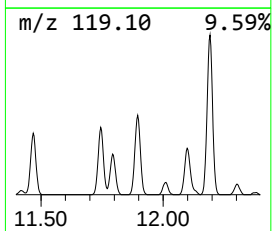
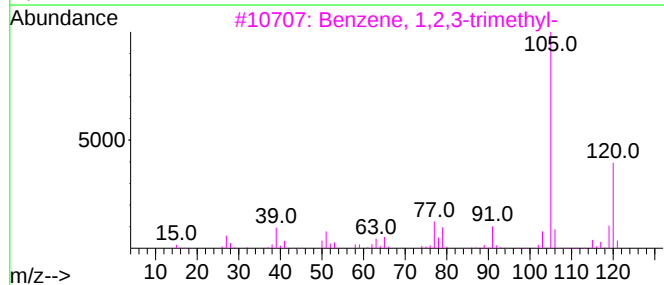
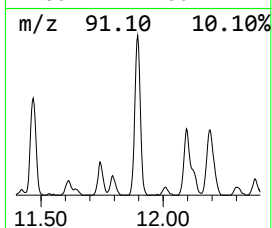
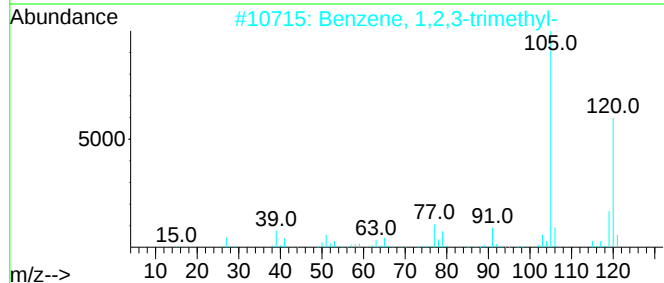
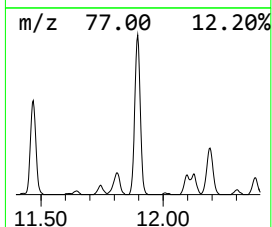
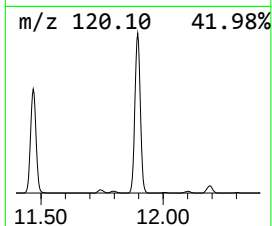
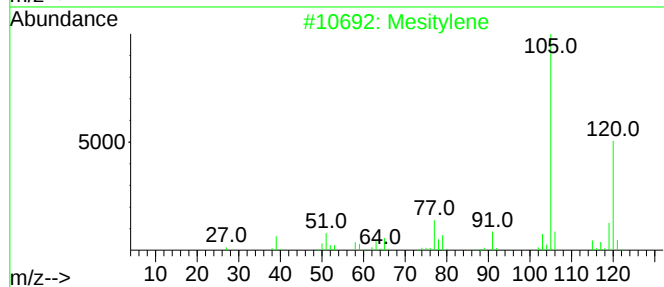
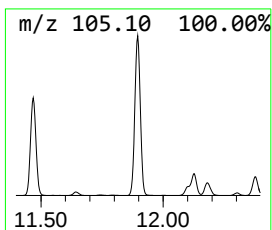
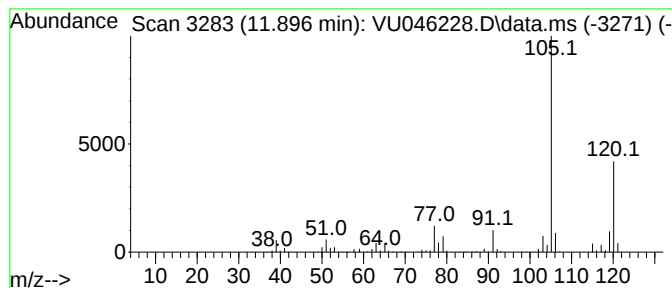
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	52.13 ug/L	698688	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P6

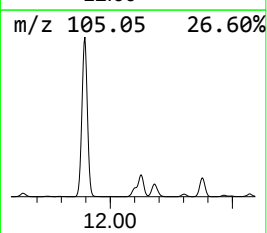
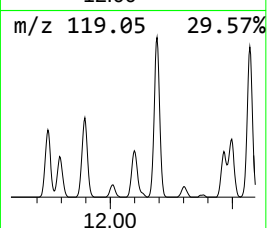
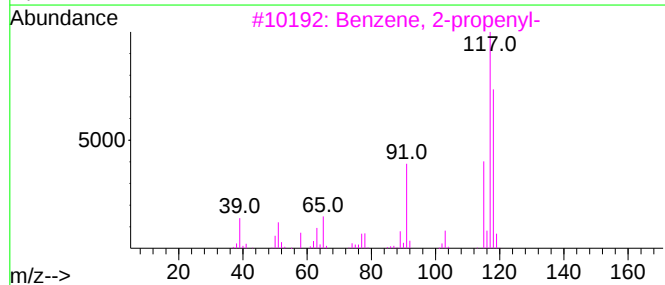
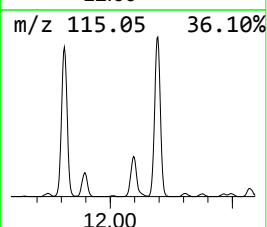
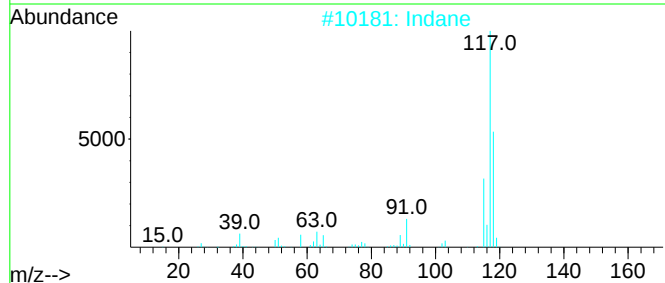
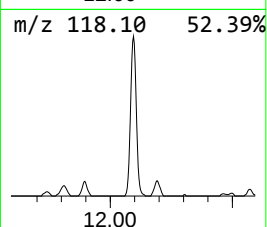
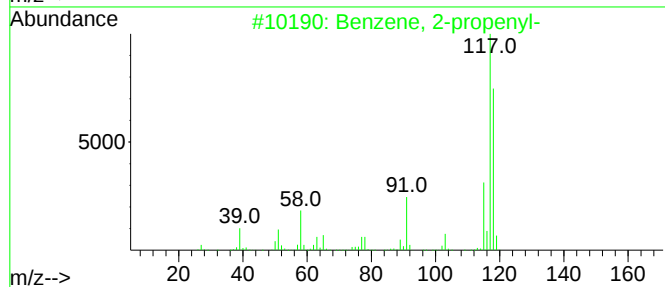
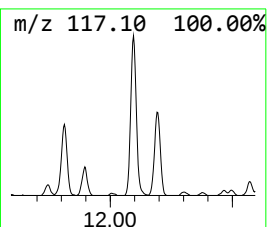
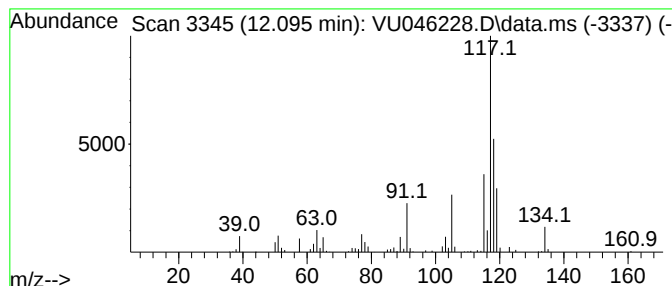
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 2-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	13.67 ug/L	183178	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
2			Indane	118	C9H10	000496-11-7	70
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5			Deltacyclene	118	C9H10	007785-10-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P6

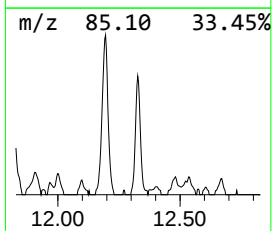
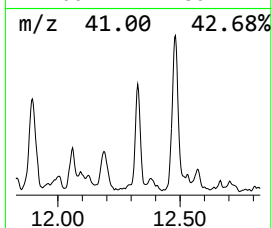
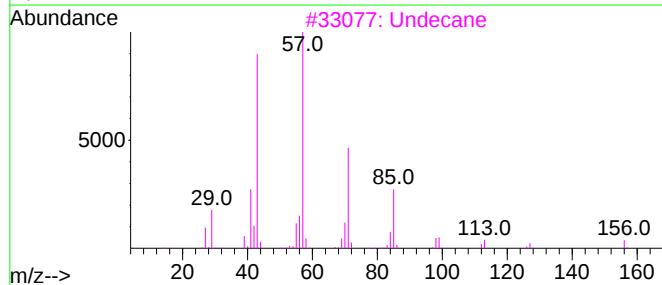
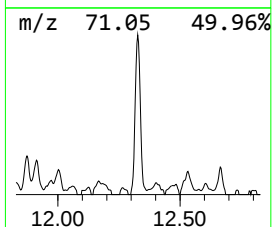
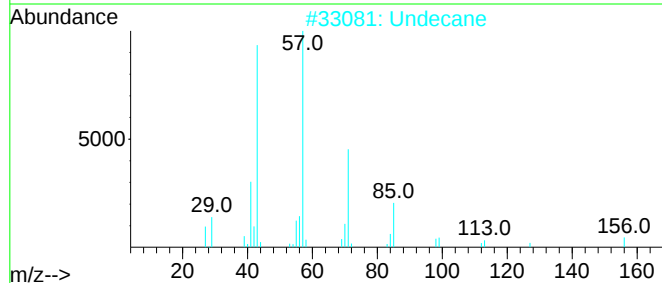
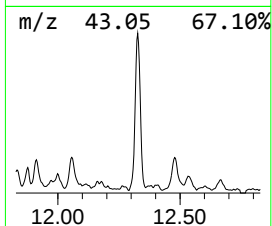
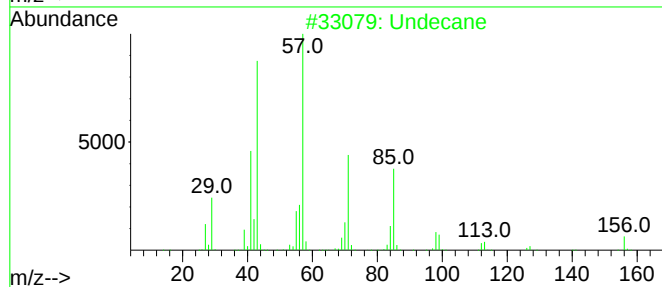
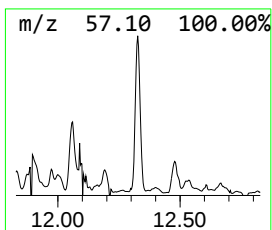
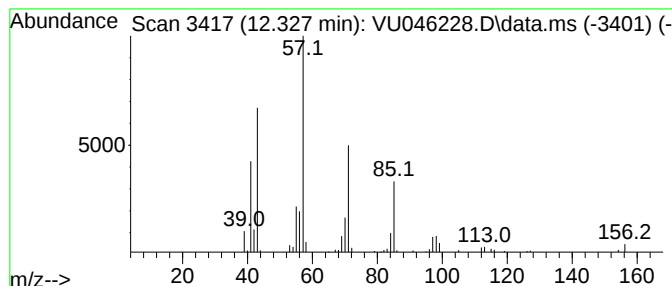
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	5.95 ug/L	79696	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	93
2	Undecane			156	C11H24	001120-21-4	91
3	Undecane			156	C11H24	001120-21-4	90
4	Undecane			156	C11H24	001120-21-4	87
5	Carbonic acid, prop-1-en-2-yl te...			298	C18H34O3	1000382-90-9	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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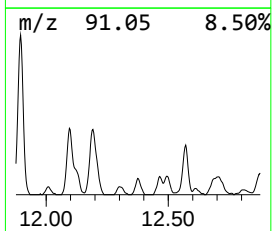
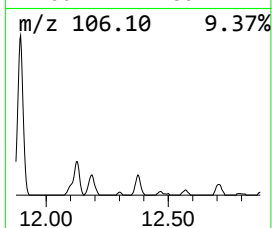
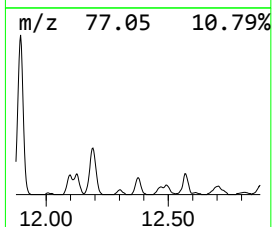
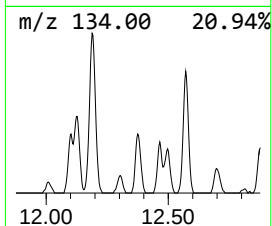
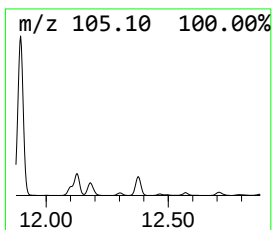
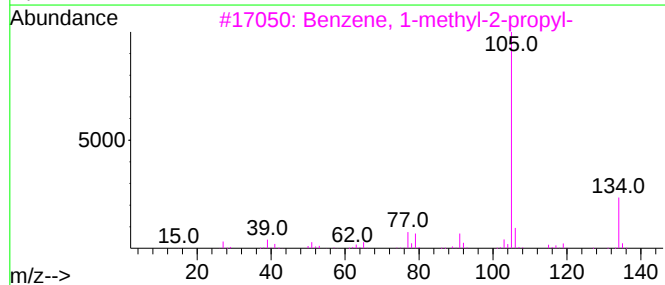
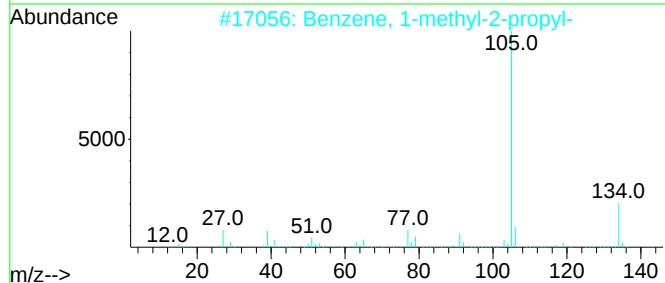
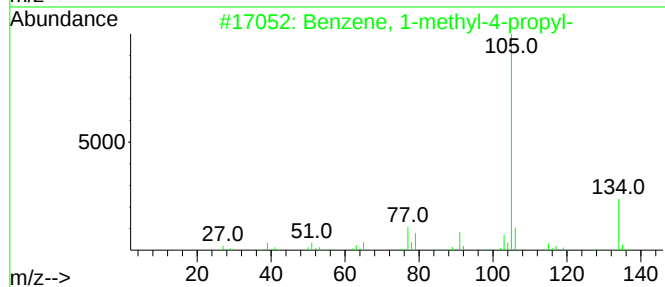
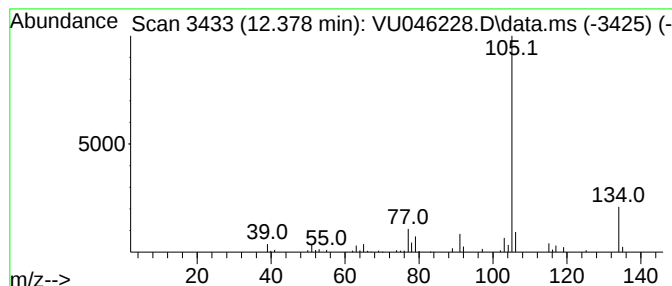
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-methyl-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.378	5.57 ug/L	74677	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P6

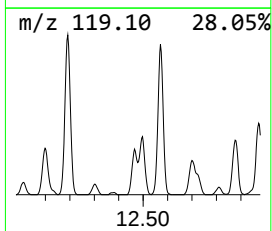
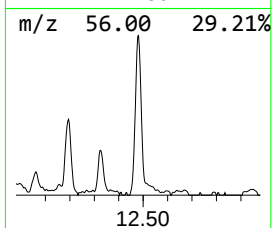
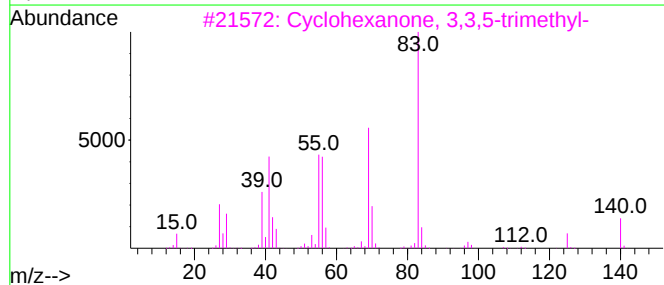
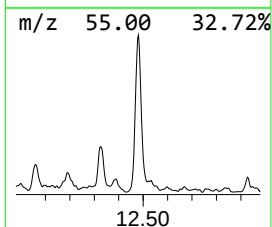
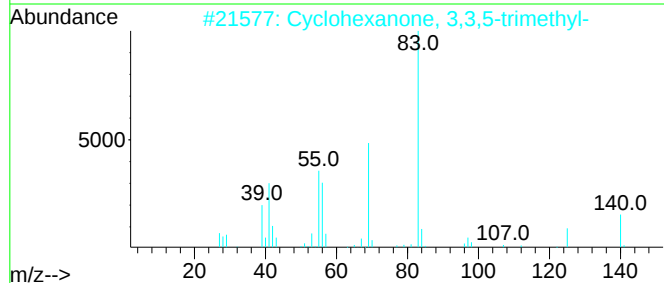
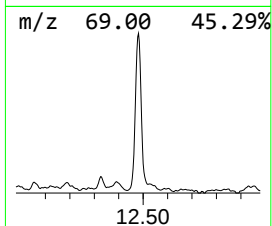
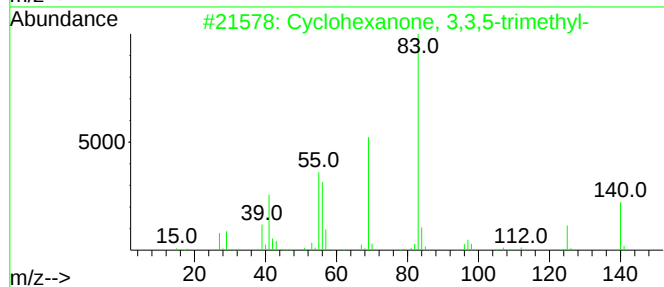
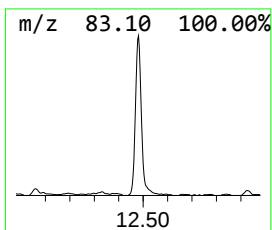
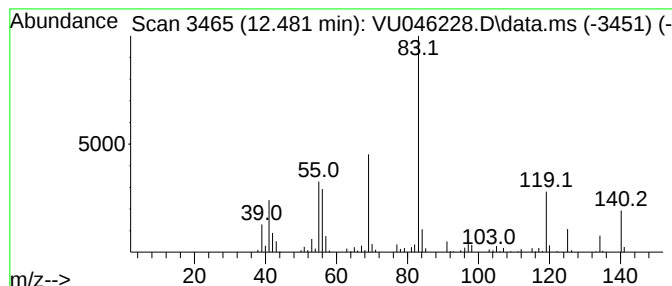
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Quant Title : VOC Analysis

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

Peak Number 9 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.481	17.85 ug/L	239319	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
4			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
5			Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P6

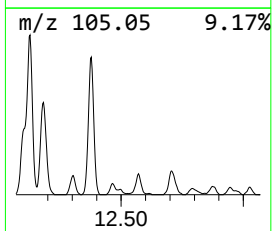
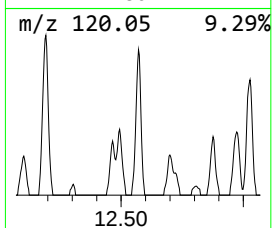
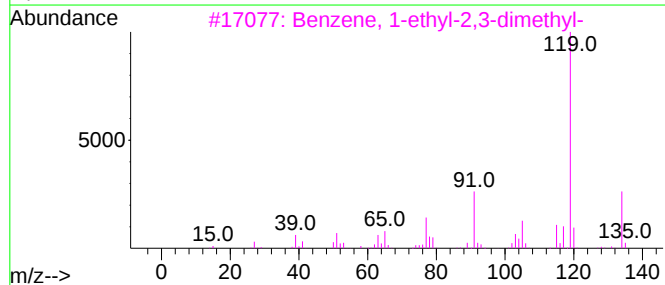
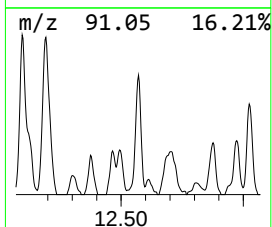
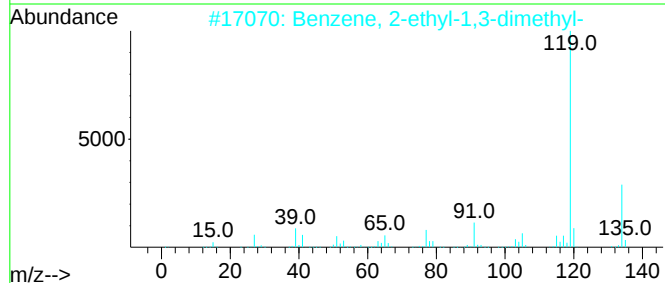
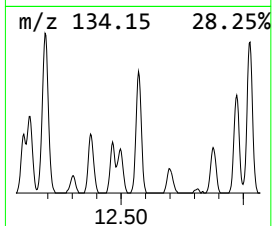
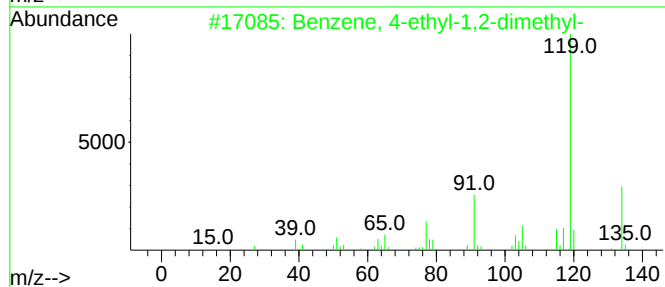
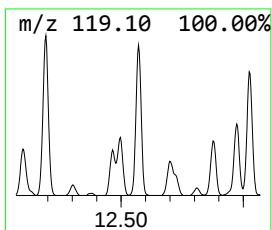
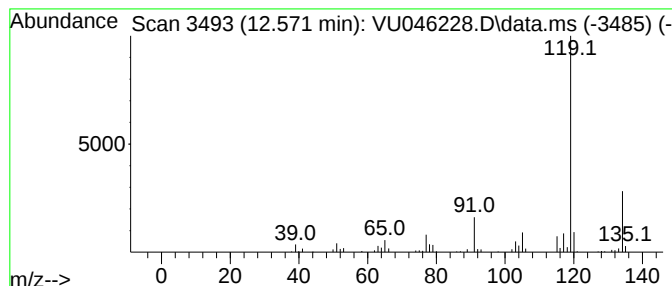
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	7.36 ug/L	98596	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P6

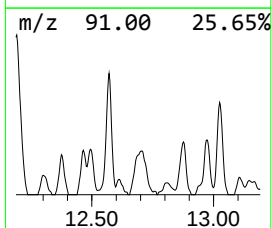
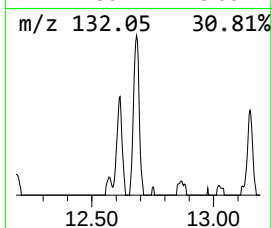
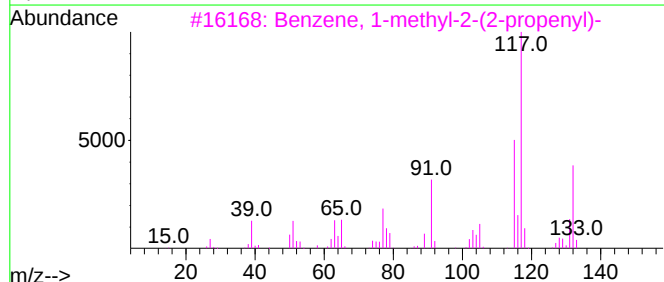
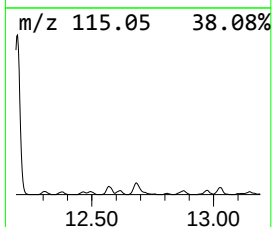
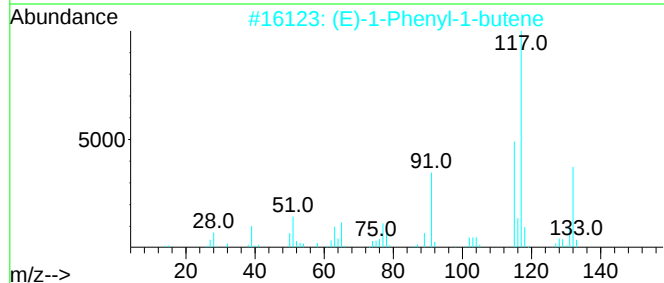
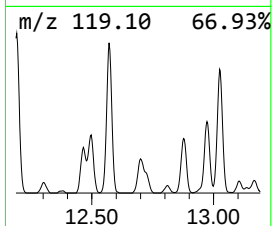
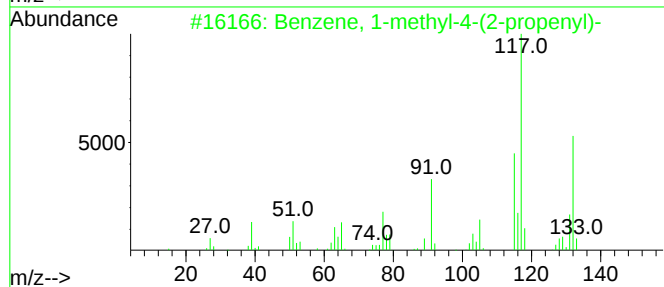
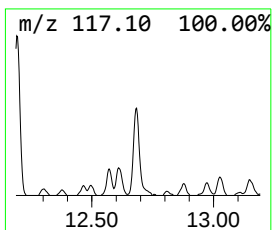
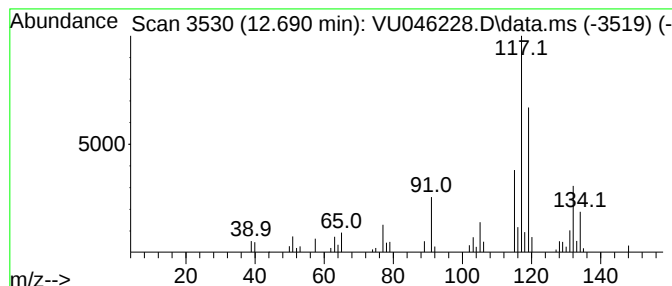
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-methyl-4-(2-prop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.690	6.82 ug/L	91469	1,4-Dichlorobenzene-d4	11.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
2		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	89
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	89
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	89
5		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P6

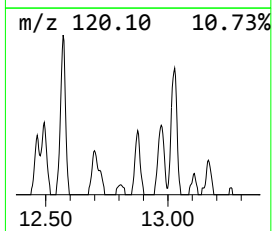
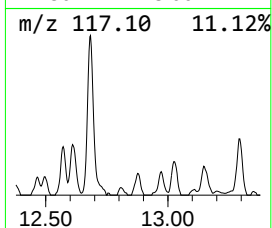
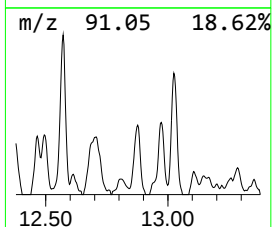
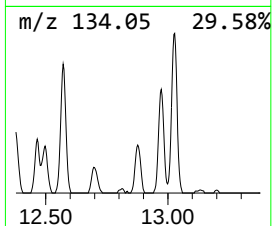
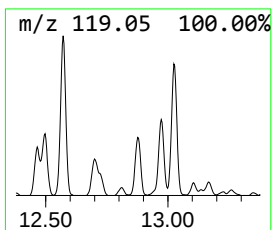
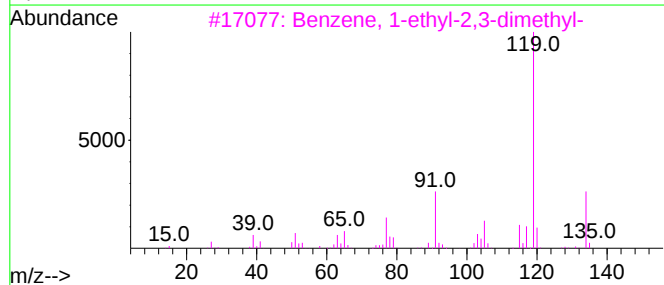
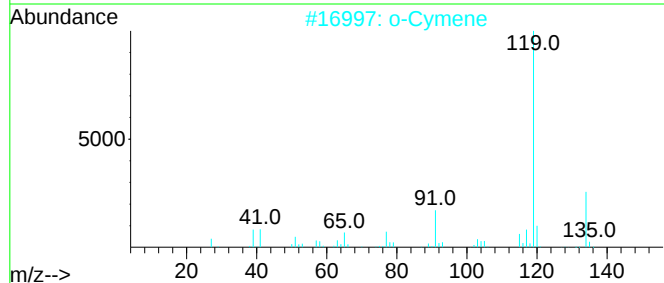
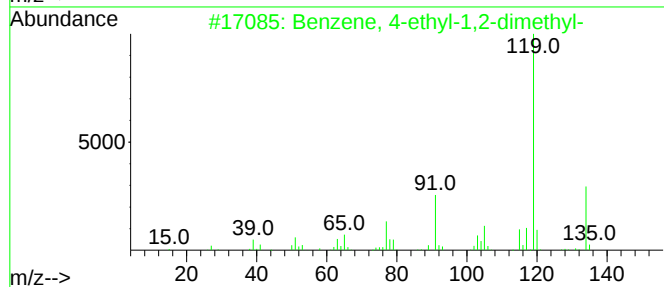
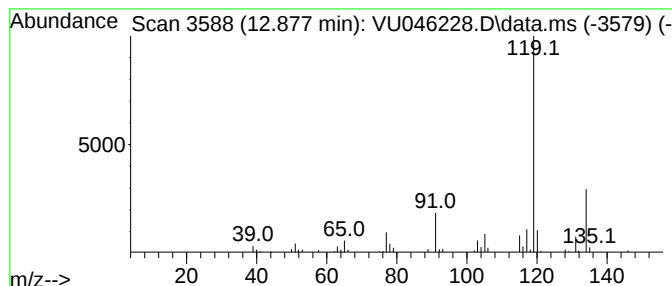
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	3.79 ug/L	50736	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			o-Cymene	134	C10H14	000527-84-4	94
5			p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

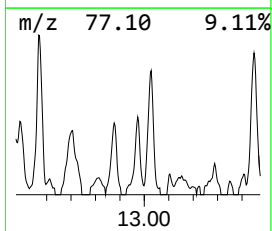
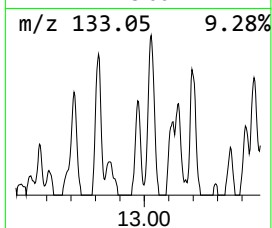
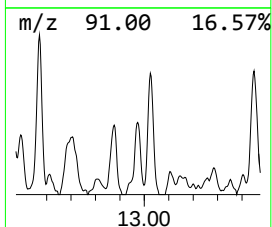
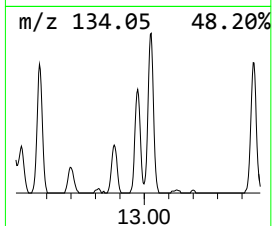
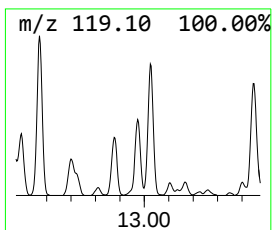
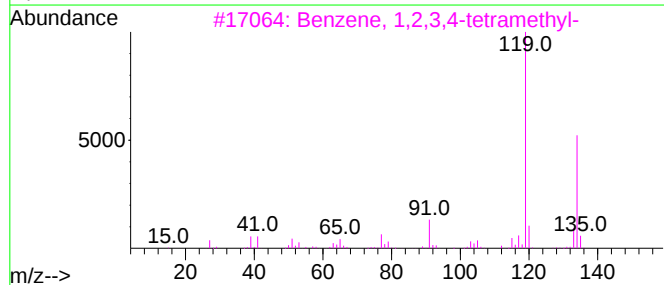
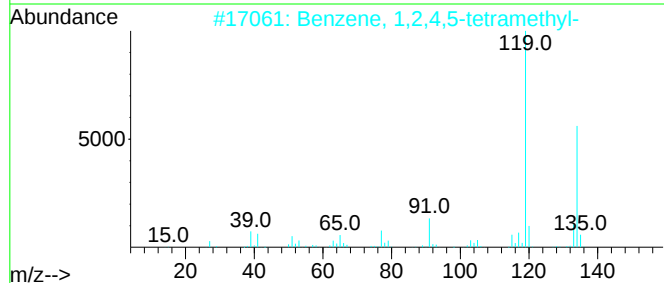
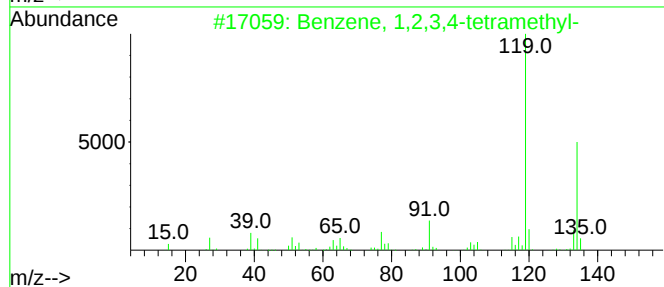
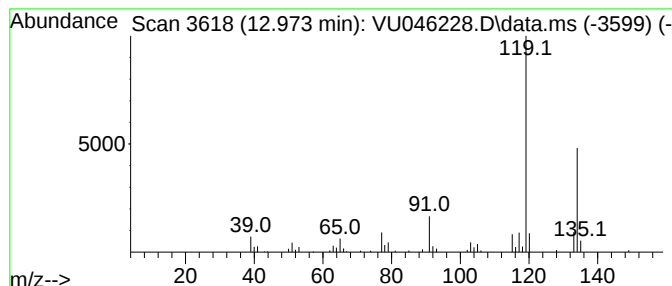
Instrument :
MSVOA_U
ClientSampleId :
EW5P6

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 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.973	5.45 ug/L	73098	1,4-Dichlorobenzene-d4			11.812
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-		134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	97
4	Benzene, 1,2,3,5-tetramethyl-		134	C10H14	000527-53-7	96
5	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P6

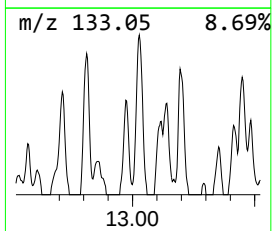
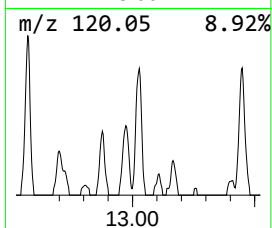
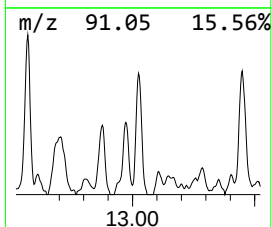
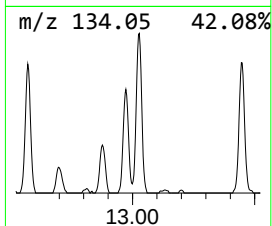
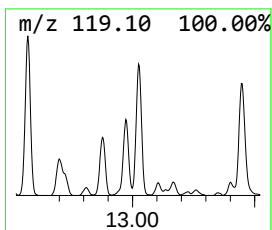
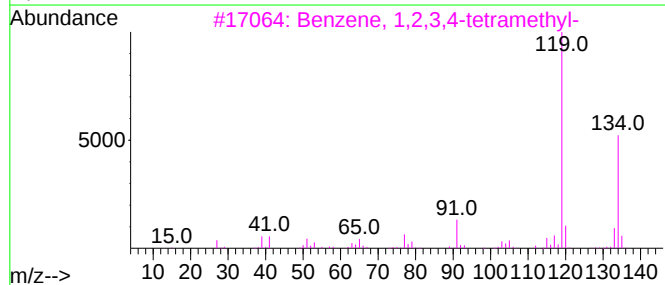
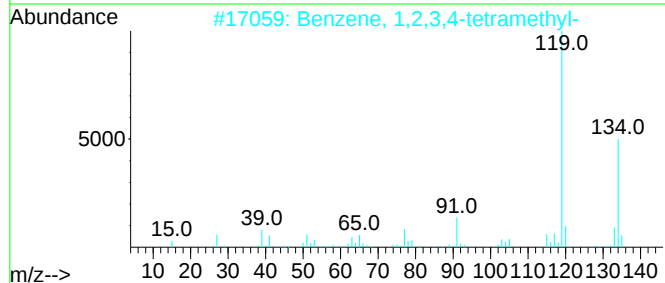
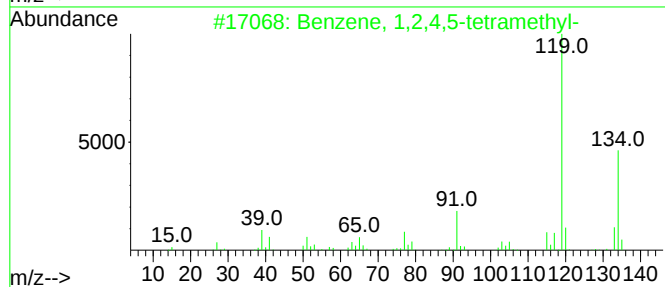
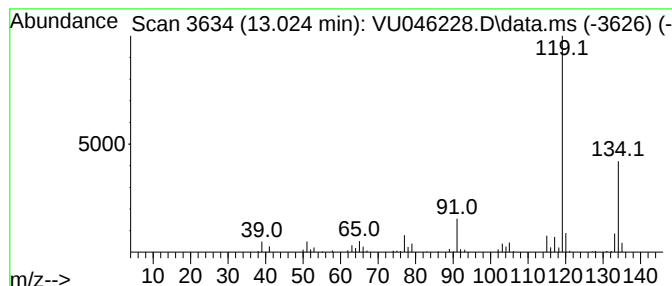
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.024	8.49 ug/L	113767	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P6

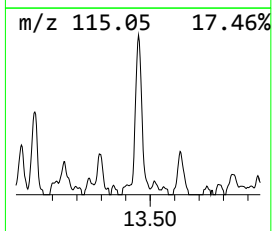
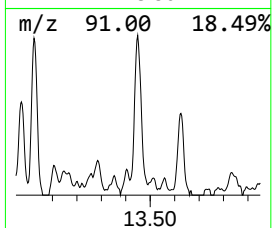
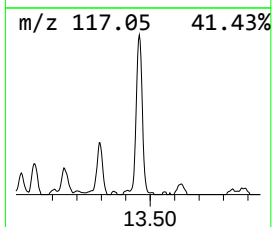
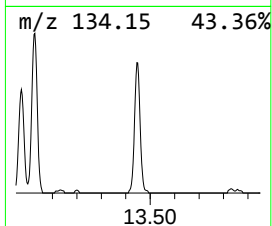
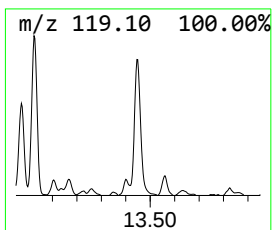
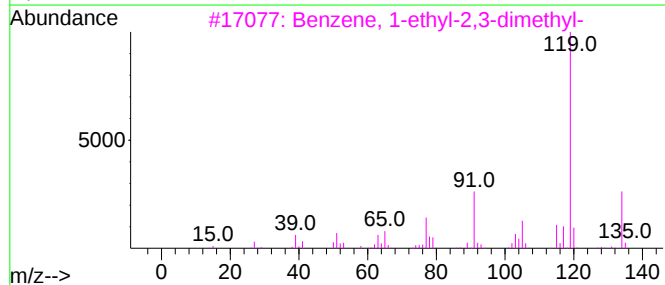
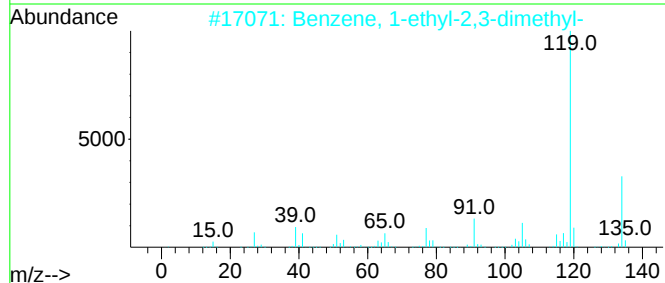
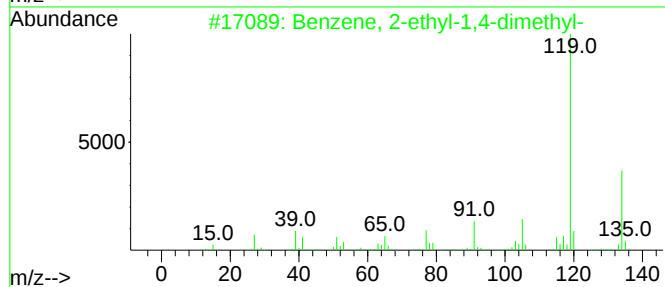
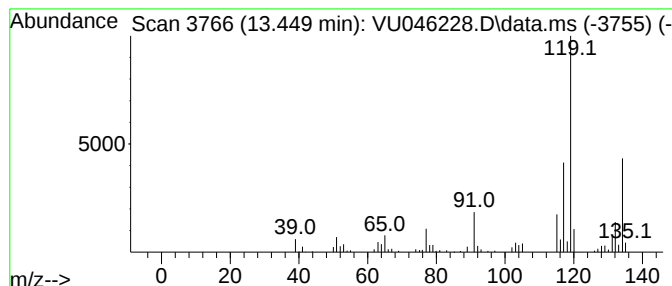
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	11.40 ug/L	152825	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P6

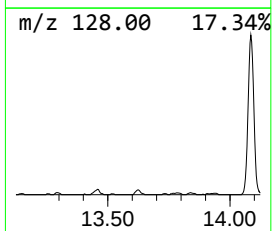
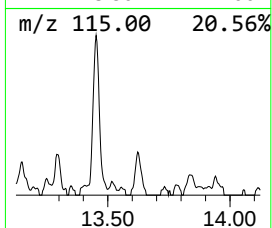
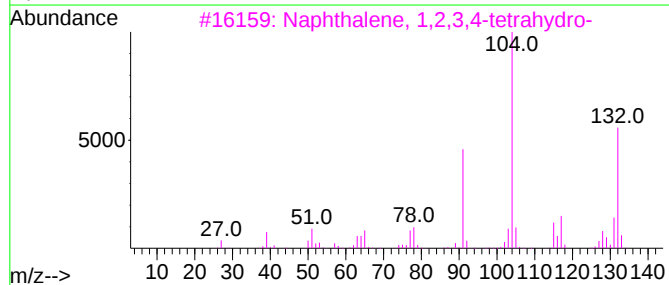
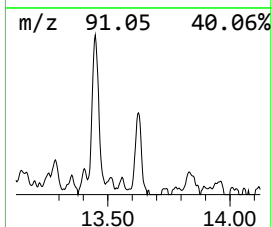
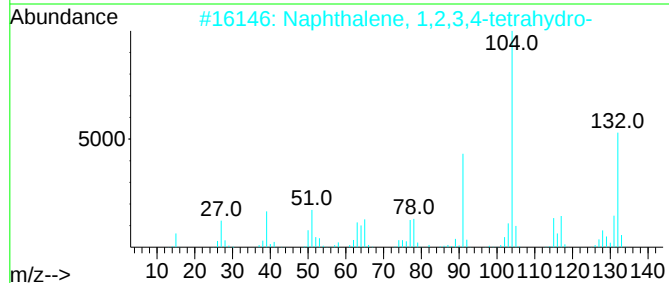
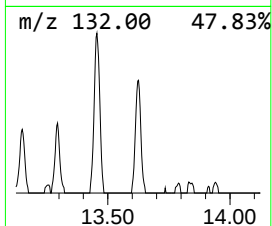
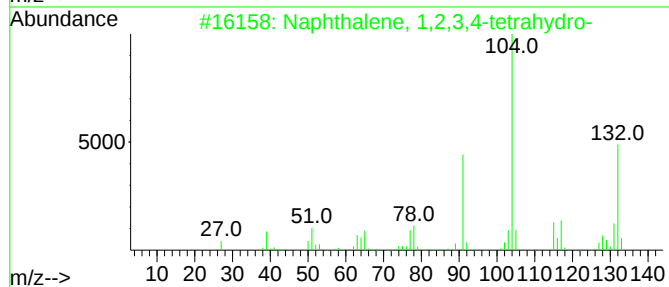
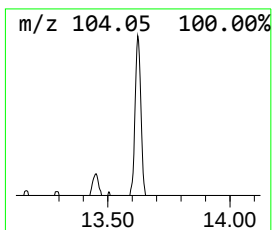
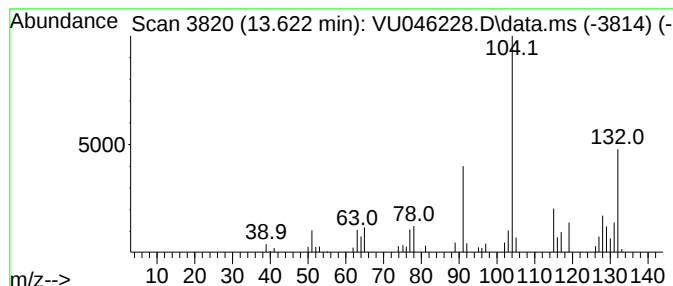
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Quant Title : VOC Analysis

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

Peak Number 16 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	2.54 ug/L	34042	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	62
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.3mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P6

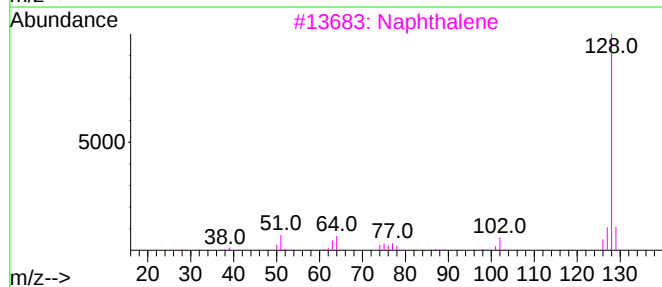
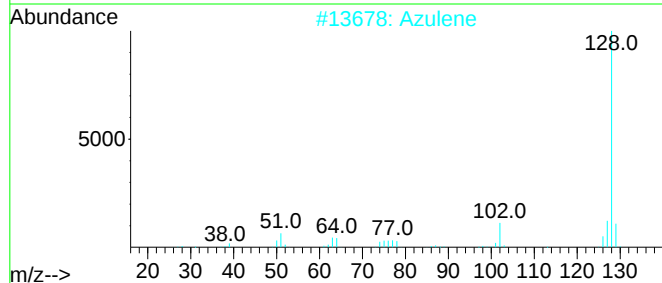
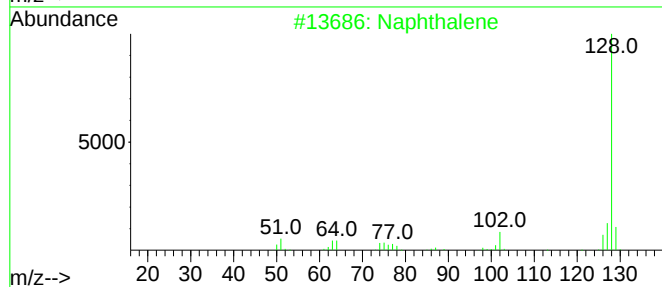
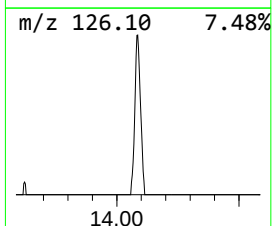
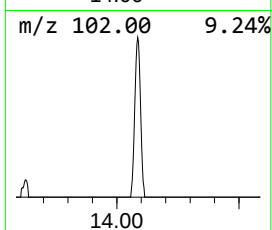
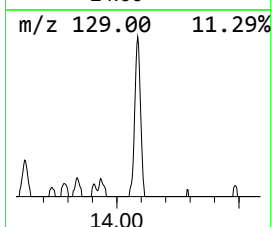
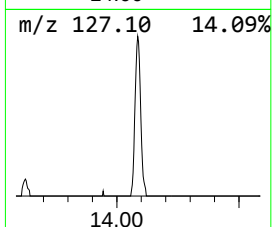
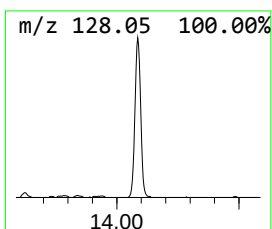
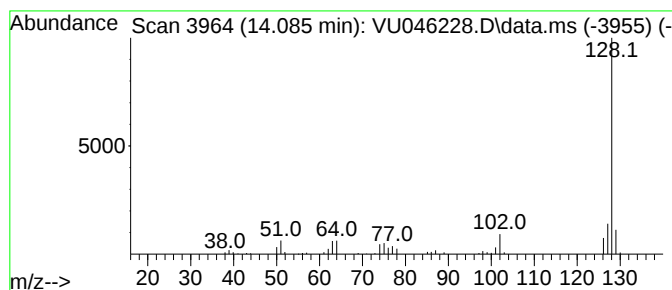
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 17 Azulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	6.49 ug/L	86982	1,4-Dichlorobenzene-d4	11.812

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046228.D
 Acq On : 09 Dec 2021 18:28
 Operator : SY/MD
 Sample : M4983-16
 Misc : 5.3mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P6

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

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	10.999	13.5	ug/L	180554	3	11.812	670176	50.0
Benzene, 1-ethy...	11.291	33.3	ug/L	446746	3	11.812	670176	50.0
p-Cymene	11.745	3.9	ug/L	52324	3	11.812	670176	50.0
Benzene, 1-ethy...	11.896	52.1	ug/L	698688	3	11.812	670176	50.0
Benzene, 2-prop...	12.095	13.7	ug/L	183178	3	11.812	670176	50.0
(DEL) Alkane: S...	12.327	6.0	ug/L	79696	3	11.812	670176	50.0
Benzene, 1-meth...	12.378	5.6	ug/L	74677	3	11.812	670176	50.0
Cyclohexanone, ...	12.481	17.9	ug/L	239319	3	11.812	670176	50.0
Benzene, 4-ethy...	12.571	7.4	ug/L	98596	3	11.812	670176	50.0
Benzene, 1-meth...	12.690	6.8	ug/L	91469	3	11.812	670176	50.0
Benzene, 1-ethy...	12.877	3.8	ug/L	50736	3	11.812	670176	50.0
Benzene, 1,2,3,...	12.973	5.5	ug/L	73098	3	11.812	670176	50.0
Benzene, 1,2,4,...	13.024	8.5	ug/L	113767	3	11.812	670176	50.0
Benzene, 1-ethy...	13.449	11.4	ug/L	152825	3	11.812	670176	50.0
Naphthalene, 1,...	13.623	2.5	ug/L	34042	3	11.812	670176	50.0
Azulene	14.086	6.5	ug/L	86982	3	11.812	670176	50.0