

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046071.D
 Acq On : 03 Dec 2021 14:13
 Operator : SY/MD
 Sample : M4870-09DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKP6DL

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: VU046071.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	92	rBV	98880	108186	3.96%	0.582%
2	1.916	170	179	192	rBV	80286	102934	3.76%	0.554%
3	2.379	316	323	332	rBV2	2670	3365	0.12%	0.018%
4	2.501	360	361	368	rVB2	287	249	0.01%	0.001%
5	2.571	368	383	399	rBV	172979	287073	10.50%	1.545%
6	2.800	446	454	459	rBV2	332	542	0.02%	0.003%
7	2.957	500	503	507	rVV	236	209	0.01%	0.001%
8	3.051	523	532	549	rVB3	6765	12138	0.44%	0.065%
9	3.186	562	574	575	rBV2	1821	2247	0.08%	0.012%
10	3.353	621	626	628	rBV	874	802	0.03%	0.004%
11	3.777	755	758	761	rBV	183	185	0.01%	0.001%
12	3.845	776	779	782	rVB2	350	170	0.01%	0.001%
13	3.861	782	784	787	rBV	220	179	0.01%	0.001%
14	4.031	835	837	841	rBV	137	144	0.01%	0.001%
15	4.198	886	889	893	rBV	154	177	0.01%	0.001%
16	4.288	914	917	921	rBB	173	161	0.01%	0.001%
17	4.340	930	933	936	rBV	199	176	0.01%	0.001%
18	4.378	942	945	949	rBV	173	198	0.01%	0.001%
19	4.459	957	970	972	rBV2	407	664	0.02%	0.004%
20	4.668	1009	1035	1070	rBV2	171453	570441	20.86%	3.070%
21	5.067	1142	1159	1180	rBV	152843	350871	12.83%	1.888%
22	5.214	1203	1205	1210	rVB2	319	286	0.01%	0.002%
23	5.298	1227	1231	1235	rVB2	413	396	0.01%	0.002%
24	5.375	1251	1255	1257	rBV	195	145	0.01%	0.001%
25	5.459	1276	1281	1290	rVB2	490	626	0.02%	0.003%
26	5.520	1297	1300	1307	rVB	210	271	0.01%	0.001%
27	5.729	1343	1365	1377	rBV2	324378	893726	32.68%	4.810%
28	5.841	1399	1400	1404	rVB5	639	286	0.01%	0.002%
29	5.954	1431	1435	1437	rBV	209	169	0.01%	0.001%
30	5.993	1444	1447	1450	rBV	188	177	0.01%	0.001%
31	6.047	1460	1464	1469	rVB3	314	385	0.01%	0.002%
32	6.134	1486	1491	1493	rBV3	561	464	0.02%	0.002%
33	6.253	1513	1528	1548	rBV	285246	540223	19.75%	2.907%
34	6.433	1580	1584	1594	rVB2	250	362	0.01%	0.002%
35	6.546	1598	1619	1637	rVV4	62805	126446	4.62%	0.681%
36	6.616	1637	1641	1642	rVV	253	154	0.01%	0.001%

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

37	6.693	1651	1665	1683	rBV	208534	400499	14.64%	2.155%
38	6.880	1717	1723	1726	rBV3	1047	1158	0.04%	0.006%
39	7.182	1809	1817	1831	rVB4	2352	3843	0.14%	0.021%
40	7.501	1911	1916	1923	rBV3	739	1038	0.04%	0.006%
41	7.568	1924	1937	1958	rBV	115355	199180	7.28%	1.072%
42	7.658	1958	1965	1967	rBV5	1261	1206	0.04%	0.006%
43	7.745	1988	1992	1996	rBV	208	271	0.01%	0.001%
44	7.793	2000	2007	2020	rVV2	5667	10003	0.37%	0.054%
45	7.902	2025	2041	2052	rVV	401266	698610	25.54%	3.760%
46	7.973	2053	2063	2087	rVB	226627	399164	14.59%	2.148%
47	8.134	2105	2113	2118	rBV3	3007	4169	0.15%	0.022%
48	8.182	2118	2128	2140	rVV	78911	128697	4.71%	0.693%
49	8.304	2163	2166	2169	rVB	310	240	0.01%	0.001%
50	8.324	2170	2172	2175	rVB2	266	170	0.01%	0.001%
51	8.378	2182	2189	2196	rVB5	871	1109	0.04%	0.006%
52	8.484	2215	2222	2229	rVB6	749	1074	0.04%	0.006%
53	8.555	2233	2244	2255	rVB3	19863	32475	1.19%	0.175%
54	8.636	2257	2269	2298	rBV	285963	529856	19.37%	2.852%
55	8.867	2335	2341	2348	rVB4	1530	2340	0.09%	0.013%
56	8.922	2348	2358	2366	rBV6	2489	4799	0.18%	0.026%
57	8.957	2367	2369	2372	rVV2	415	227	0.01%	0.001%
58	8.999	2380	2382	2390	rVB2	283	190	0.01%	0.001%
59	9.044	2390	2396	2397	rBV	433	351	0.01%	0.002%
60	9.057	2397	2400	2401	rBV3	259	147	0.01%	0.001%
61	9.121	2411	2420	2428	rBV6	1997	3565	0.13%	0.019%
62	9.169	2428	2435	2441	rVV8	3379	5686	0.21%	0.031%
63	9.214	2441	2449	2461	rVB2	9732	17758	0.65%	0.096%
64	9.336	2478	2487	2500	rBV2	8465	16142	0.59%	0.087%
65	9.420	2500	2513	2537	rVB	408167	699795	25.59%	3.766%
66	9.571	2548	2560	2575	rBV	156558	258492	9.45%	1.391%
67	9.693	2585	2598	2609	rBV	520878	870516	31.83%	4.685%
68	9.909	2647	2665	2675	rBV8	5378	12410	0.45%	0.067%
69	10.021	2691	2700	2713	rBV7	11369	26272	0.96%	0.141%
70	10.105	2714	2726	2742	rVV3	225786	425318	15.55%	2.289%
71	10.253	2754	2772	2785	rBV5	21288	51511	1.88%	0.277%
72	10.359	2797	2805	2812	rBV7	13118	22896	0.84%	0.123%
73	10.488	2828	2845	2855	rBV	68291	115045	4.21%	0.619%
74	10.561	2861	2868	2875	rBV3	11432	17149	0.63%	0.092%
75	10.758	2918	2929	2942	rBV	326935	532731	19.48%	2.867%
76	10.909	2968	2976	2986	rBV	19609	30879	1.13%	0.166%

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77	10.999	2994	3004	3019	rBV2	97063	204376	7.47%	1.100%
78	11.115	3028	3040	3058	rVB3	178153	372094	13.61%	2.003%
79	11.295	3087	3096	3113	rBV	44408	102427	3.75%	0.551%
80	11.417	3128	3134	3141	rBV	34121	41657	1.52%	0.224%
81	11.468	3141	3150	3174	rVB	220392	369960	13.53%	1.991%
82	11.574	3175	3183	3190	rBV3	24633	40723	1.49%	0.219%
83	11.812	3247	3257	3271	rBV	474362	767453	28.06%	4.130%
84	11.899	3271	3284	3295	rBV3	66744	153811	5.62%	0.828%
85	12.060	3324	3334	3352	rBV	394806	737379	26.96%	3.968%
86	12.195	3365	3376	3392	rVB	503855	883933	32.32%	4.757%
87	12.327	3408	3417	3427	rVB	162482	242825	8.88%	1.307%
88	13.433	3754	3761	3782	rVB4	44889	120042	4.39%	0.646%
89	14.085	3953	3964	3983	rVB	1716646	2734964	100.00%	14.719%
90	14.423	4062	4069	4074	rBV	38758	53222	1.95%	0.286%
91	14.674	4141	4147	4160	rVB6	14404	29377	1.07%	0.158%
92	14.812	4185	4190	4197	rBV3	6196	7887	0.29%	0.042%
93	15.224	4307	4318	4343	rVB	1078808	1716754	62.77%	9.239%
94	15.339	4347	4354	4362	rVV	17805	29650	1.08%	0.160%
95	15.410	4364	4376	4400	rVB	548539	898706	32.86%	4.837%
96	15.954	4536	4545	4557	rVB	102643	162432	5.94%	0.874%
97	16.146	4597	4605	4613	rBV2	35735	57192	2.09%	0.308%
98	16.262	4631	4641	4661	rBV2	80796	161933	5.92%	0.872%
99	16.410	4678	4687	4693	rBV	84659	128893	4.71%	0.694%
100	16.880	4826	4833	4843	rVB5	19371	31042	1.14%	0.167%

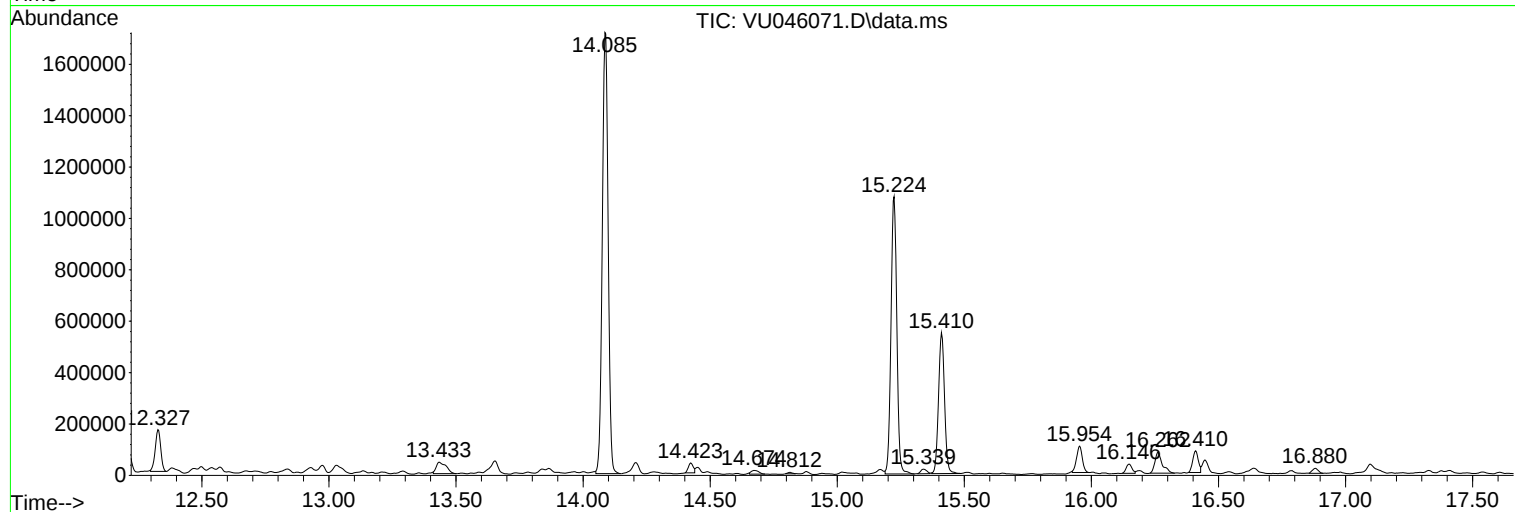
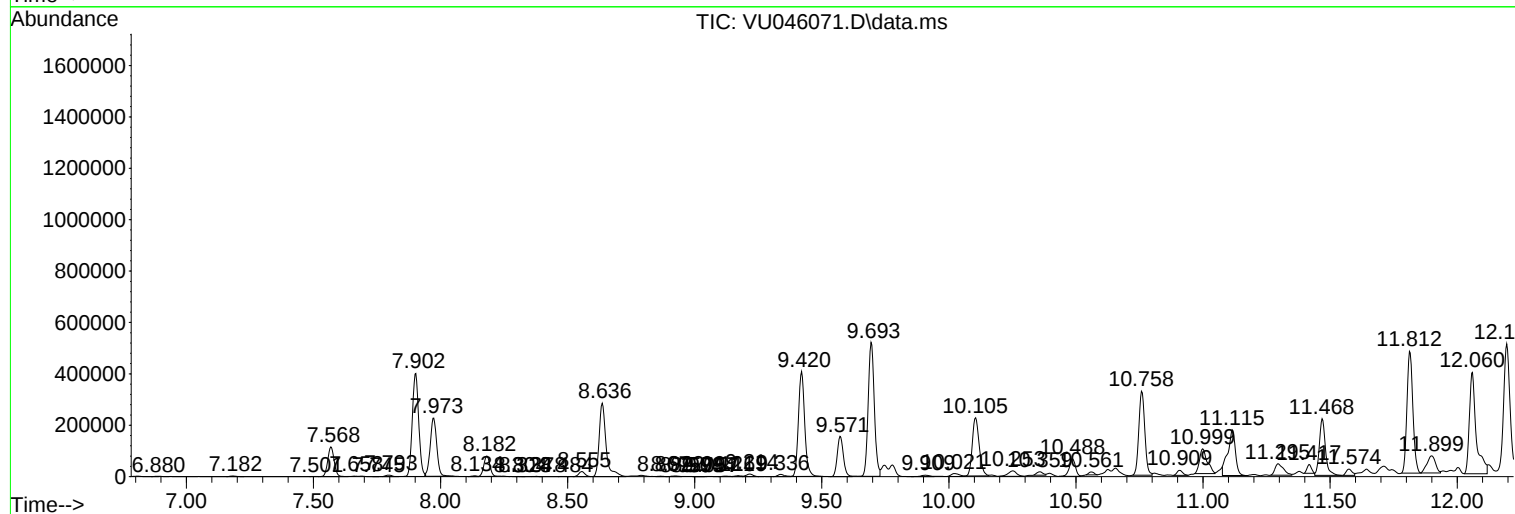
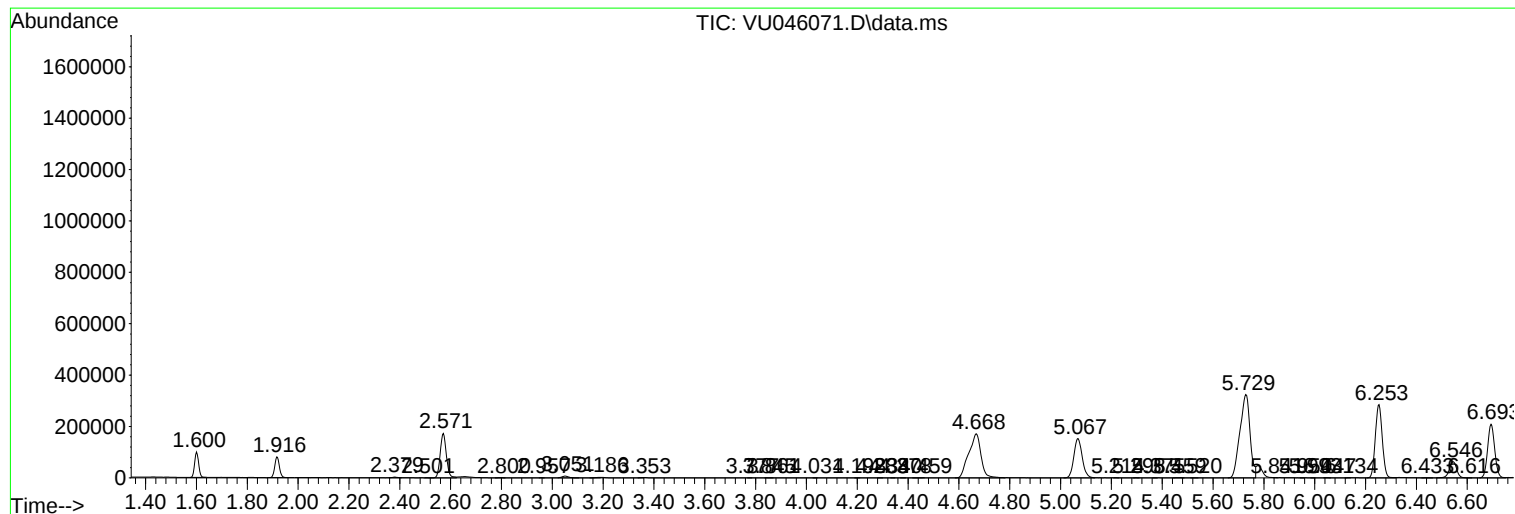
Sum of corrected areas: 18580940

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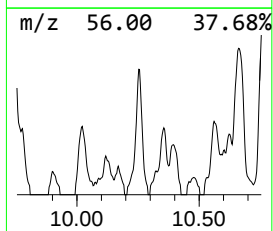
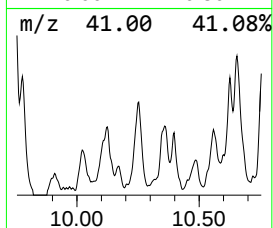
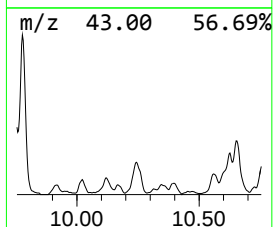
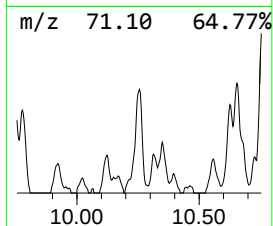
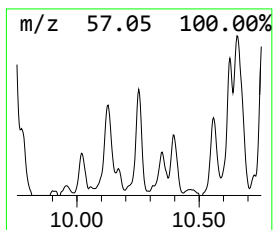
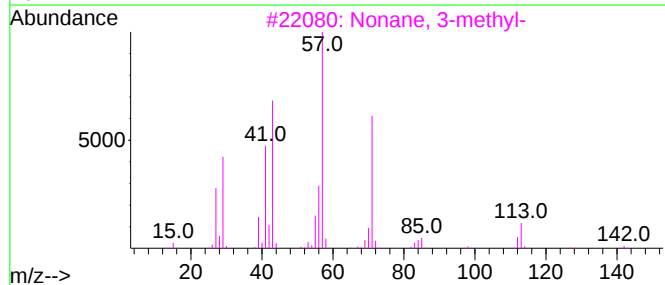
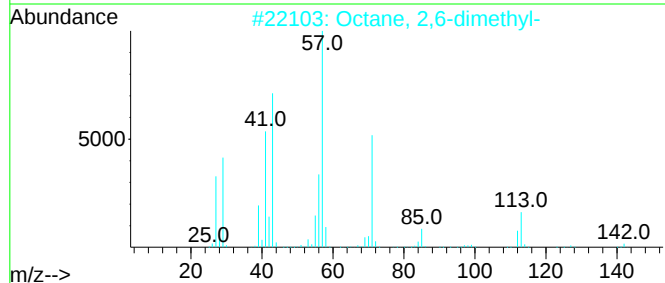
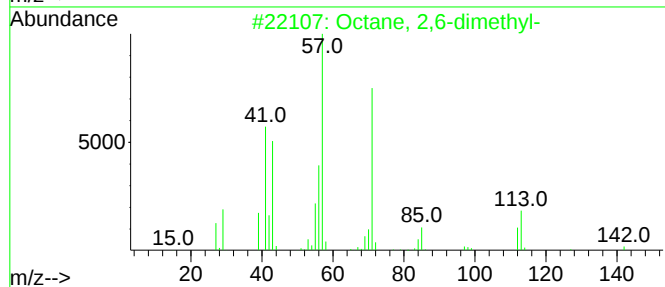
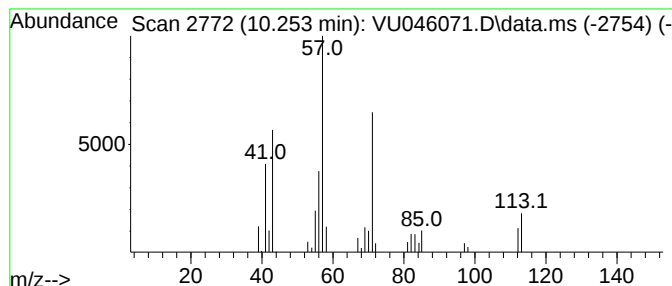
Instrument :
MSVOA_U
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.253	3.68 ug/L	51511	Chlorobenzene-d5		9.420	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	83
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	72
4	Octane, 2,3,7-trimethyl-		156	C11H24	062016-34-6	72
5	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	72



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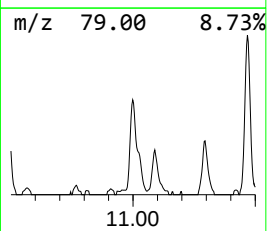
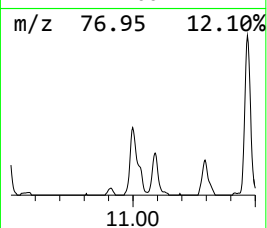
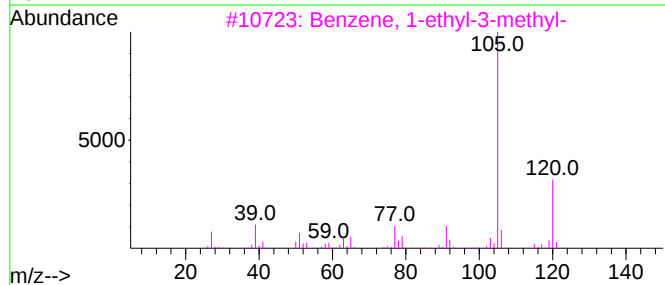
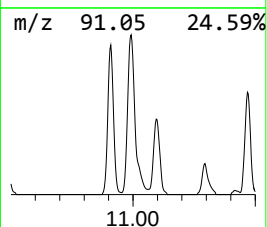
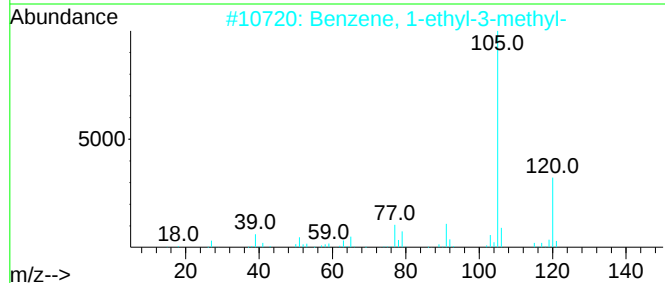
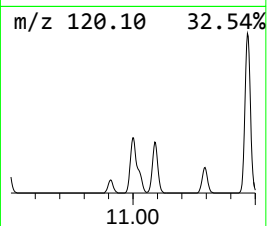
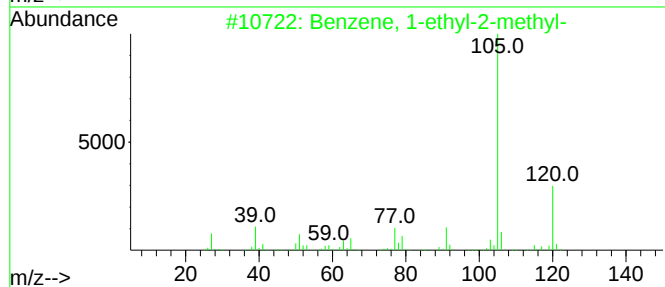
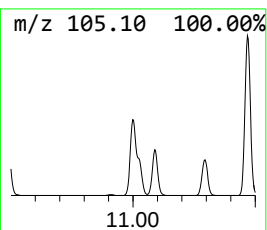
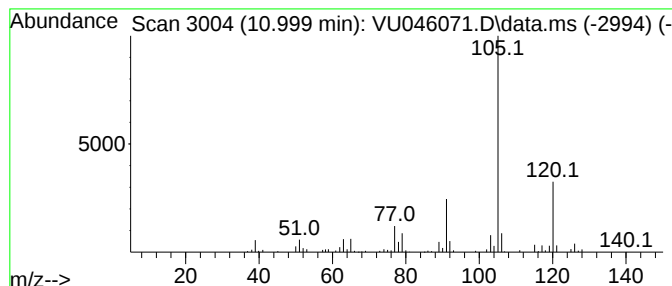
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	13.32 ug/L	204376	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	87
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5			Mesitylene	120	C9H12	000108-67-8	81



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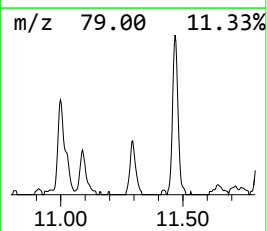
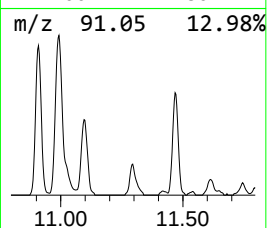
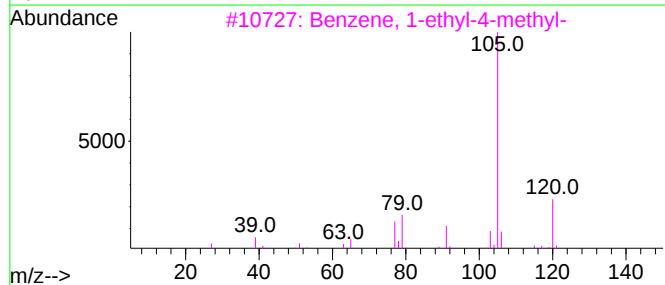
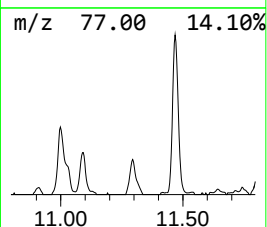
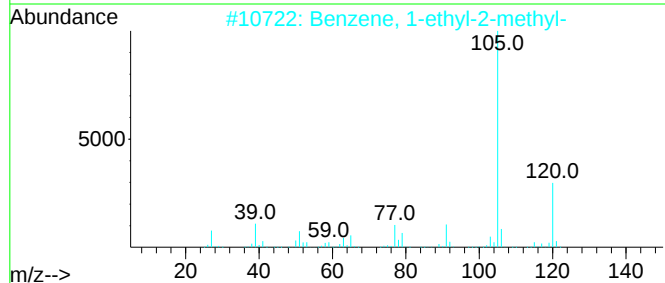
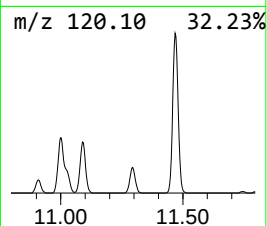
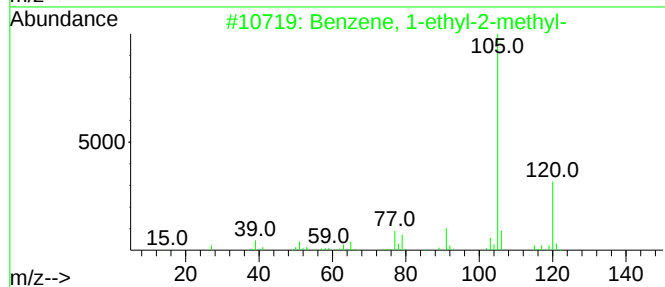
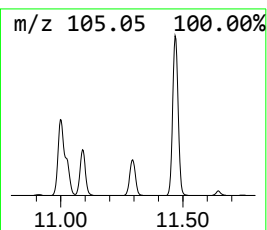
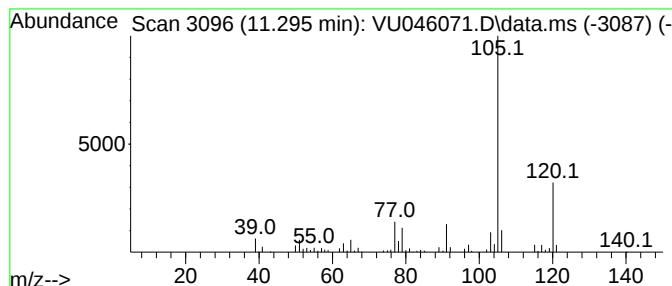
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.295	6.67 ug/L	102427	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	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
Data File : VU046071.D
Acq On : 03 Dec 2021 14:13
Operator : SY/MD
Sample : M4870-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6DL

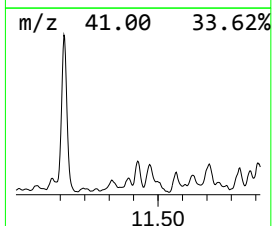
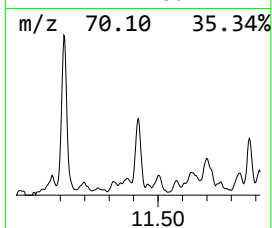
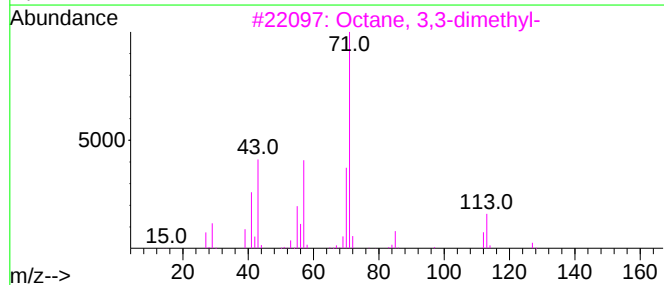
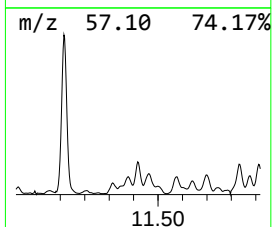
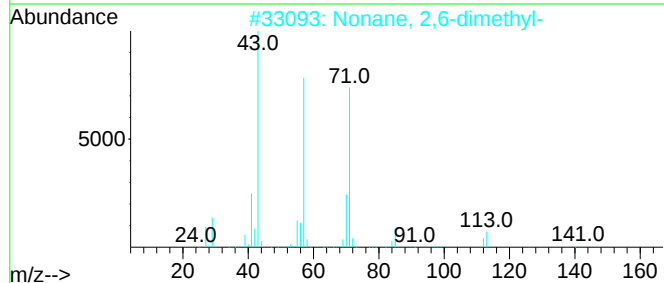
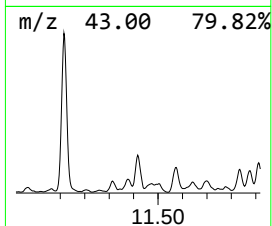
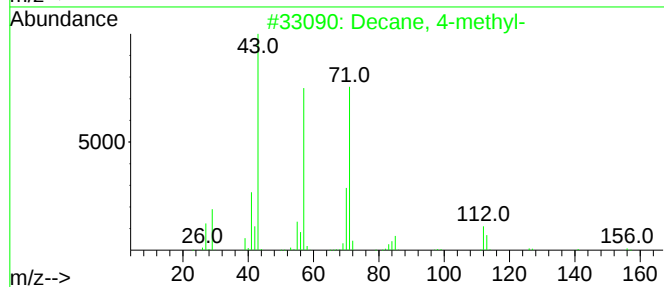
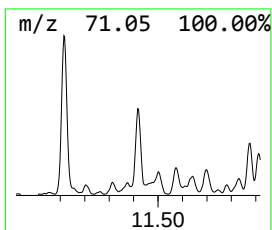
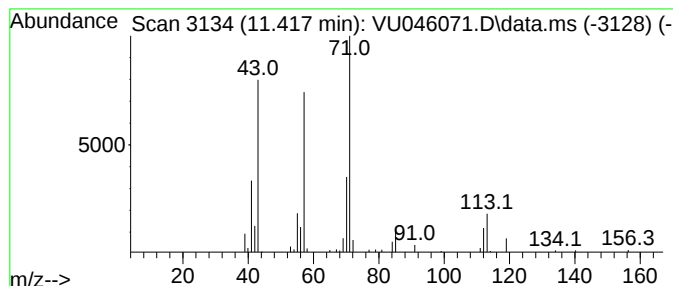
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.417	2.71 ug/L	41657	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	90
2			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	90
3			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
Data File : VU046071.D
Acq On : 03 Dec 2021 14:13
Operator : SY/MD
Sample : M4870-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6DL

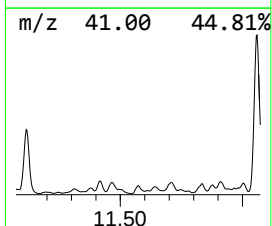
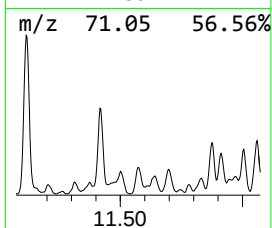
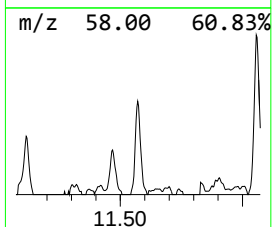
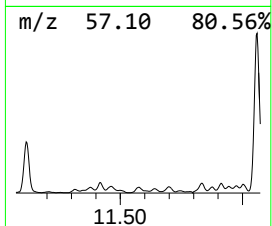
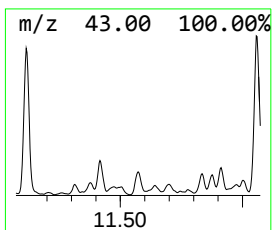
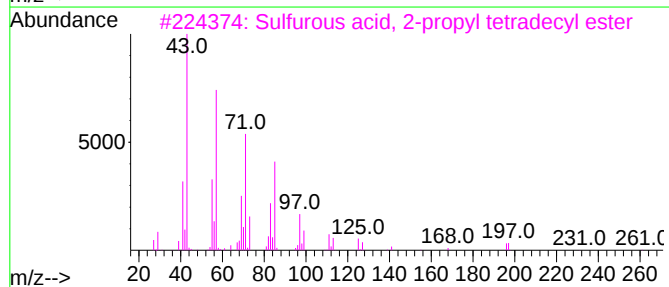
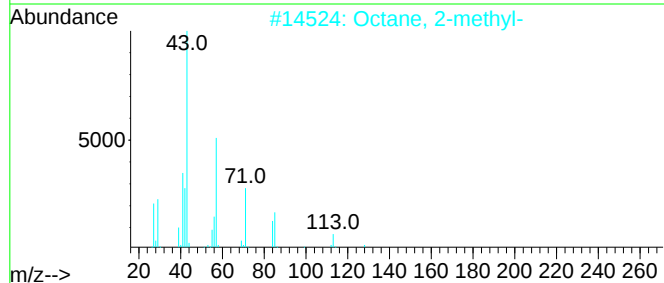
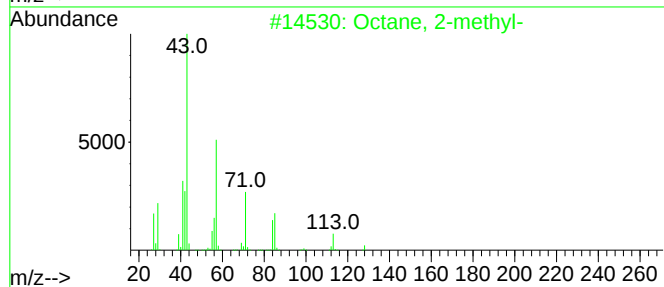
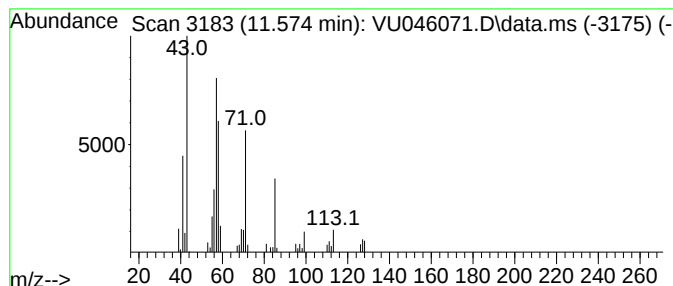
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.574	2.65 ug/L	40723	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-			128	C9H20	003221-61-2	53
2	Octane, 2-methyl-			128	C9H20	003221-61-2	49
3	Sulfurous acid, 2-propyl tetradec...			320	C17H36O3S	1010309-12-5	47
4	Nonadecane			268	C19H40	000629-92-5	47
5	Octane, 2-methyl-			128	C9H20	003221-61-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
Data File : VU046071.D
Acq On : 03 Dec 2021 14:13
Operator : SY/MD
Sample : M4870-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6DL

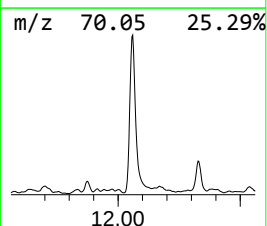
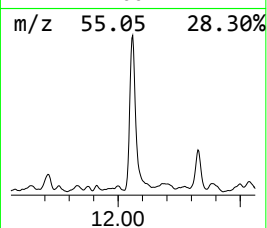
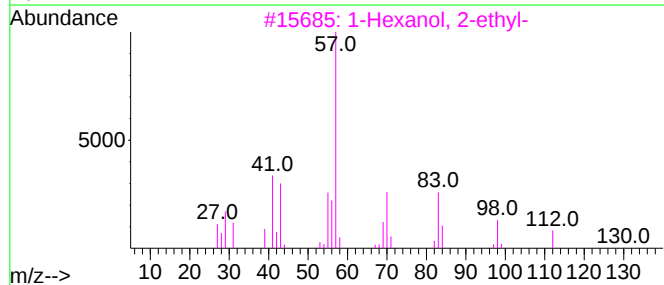
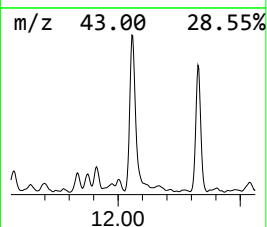
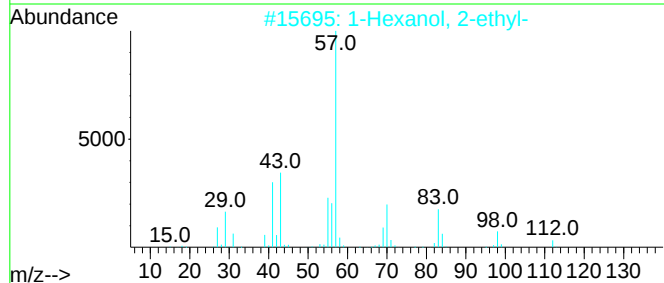
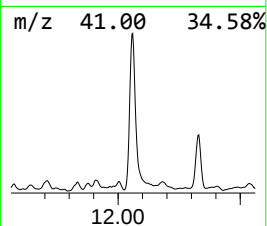
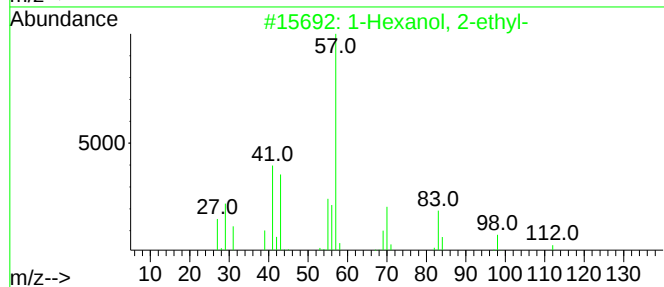
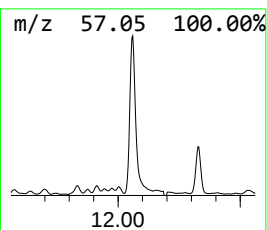
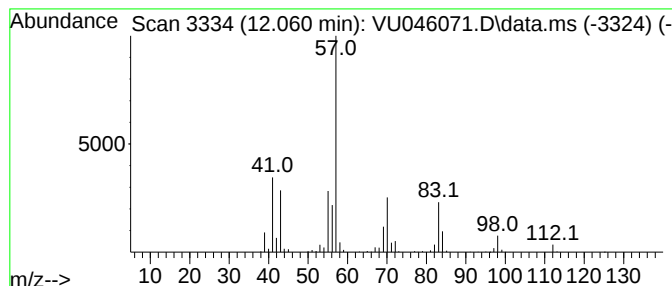
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Quant Title : VOC Analysis

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

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	48.04 ug/L	737379	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
Data File : VU046071.D
Acq On : 03 Dec 2021 14:13
Operator : SY/MD
Sample : M4870-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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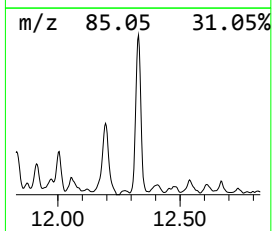
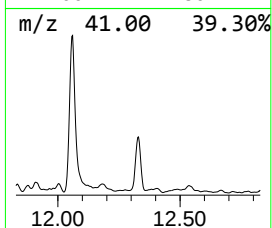
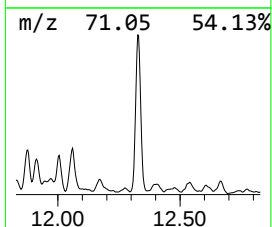
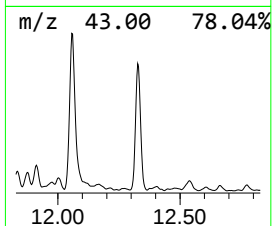
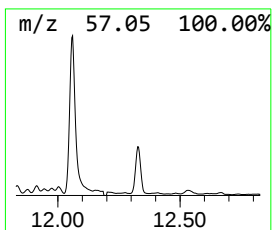
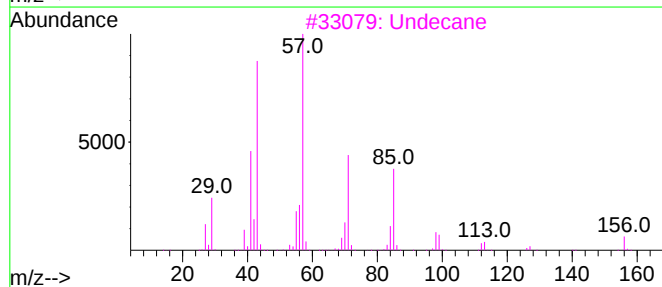
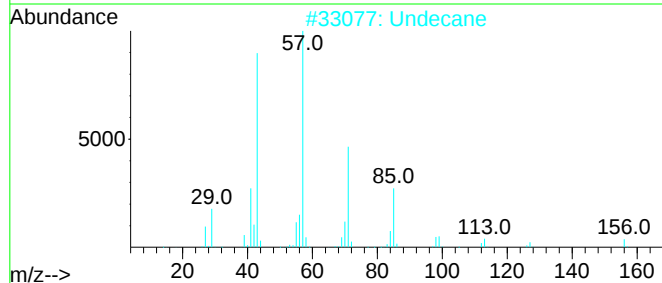
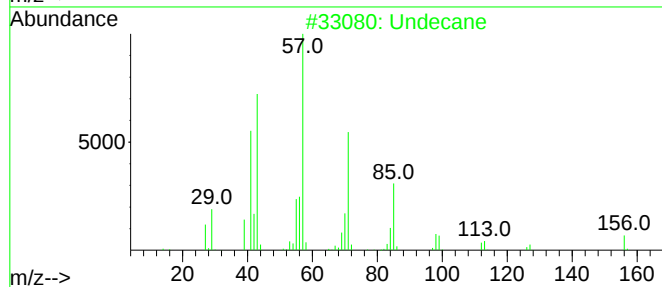
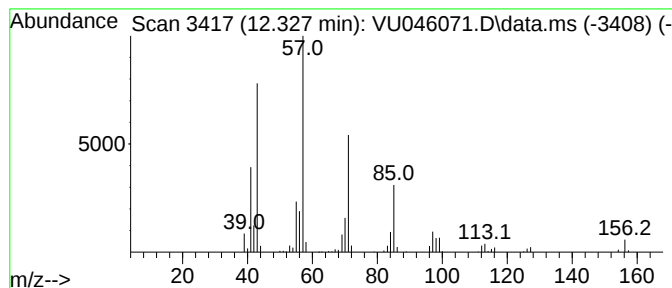
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	15.82 ug/L	242825	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	96
2	Undecane			156	C11H24	001120-21-4	94
3	Undecane			156	C11H24	001120-21-4	93
4	Undecane			156	C11H24	001120-21-4	90
5	Carbonic acid, prop-1-en-2-yl tr...			284	C17H32O3	1000382-90-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
Data File : VU046071.D
Acq On : 03 Dec 2021 14:13
Operator : SY/MD
Sample : M4870-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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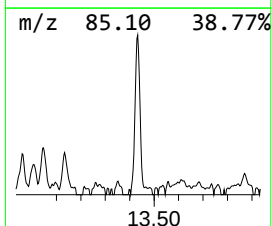
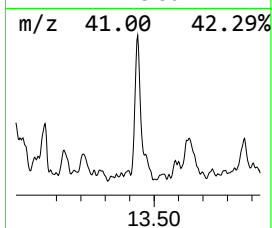
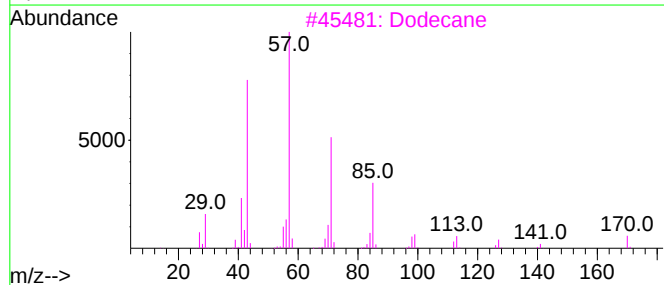
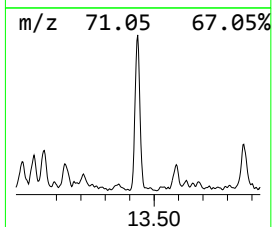
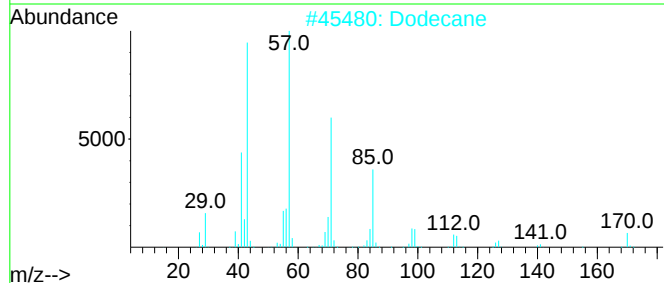
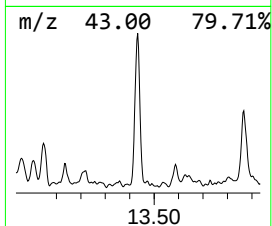
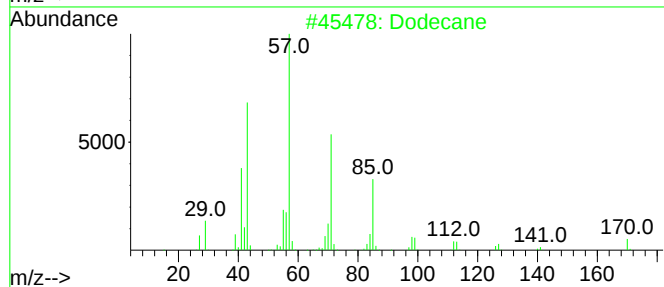
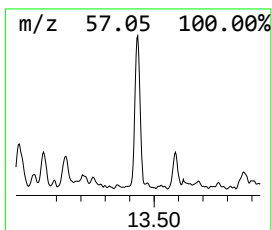
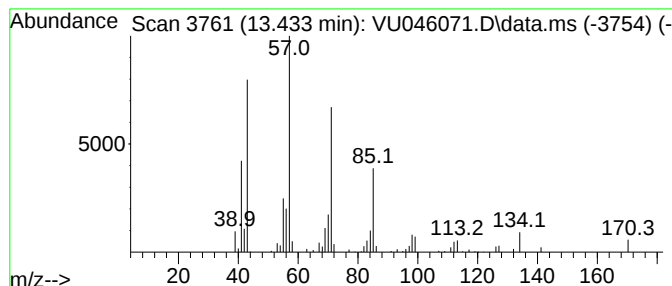
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.433	7.82 ug/L	120042	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	96
2			Dodecane	170	C12H26	000112-40-3	95
3			Dodecane	170	C12H26	000112-40-3	87
4			Tetradecane	198	C14H30	000629-59-4	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
Data File : VU046071.D
Acq On : 03 Dec 2021 14:13
Operator : SY/MD
Sample : M4870-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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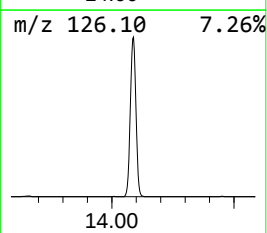
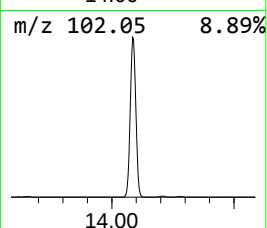
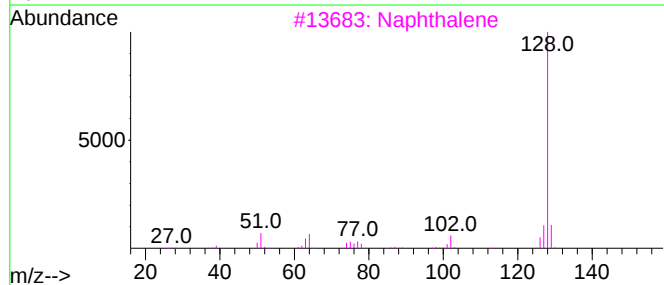
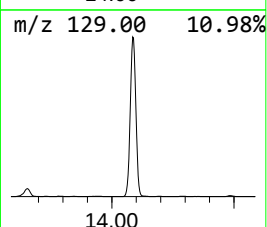
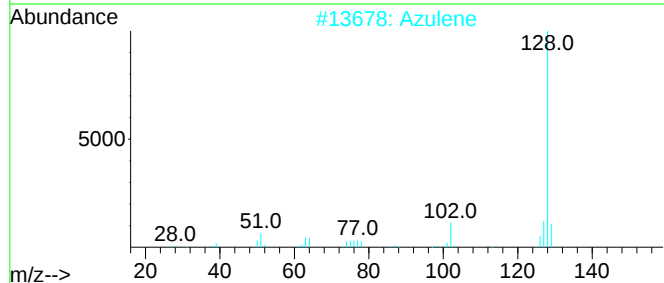
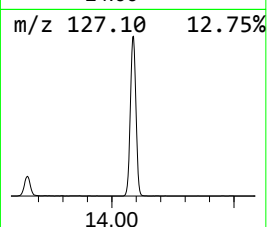
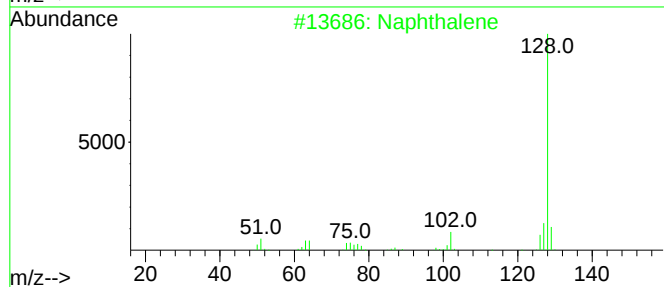
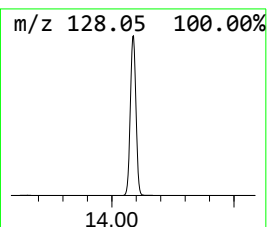
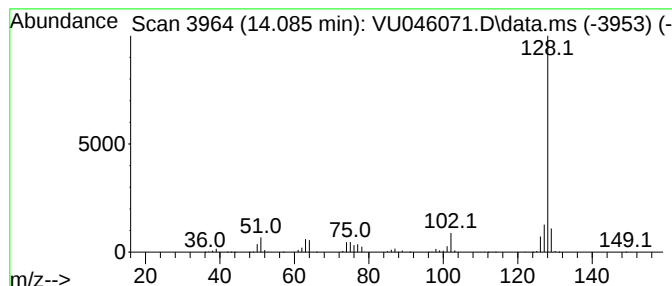
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Quant Title : VOC Analysis

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

Peak Number 11 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	178.18 ug/L	2734960	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	93
3			Naphthalene	128	C10H8	000091-20-3	93
4			Azulene	128	C10H8	000275-51-4	91
5			Naphthalene	128	C10H8	000091-20-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
Data File : VU046071.D
Acq On : 03 Dec 2021 14:13
Operator : SY/MD
Sample : M4870-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6DL

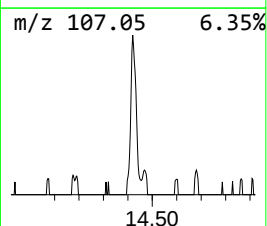
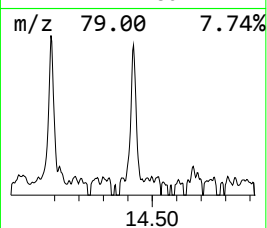
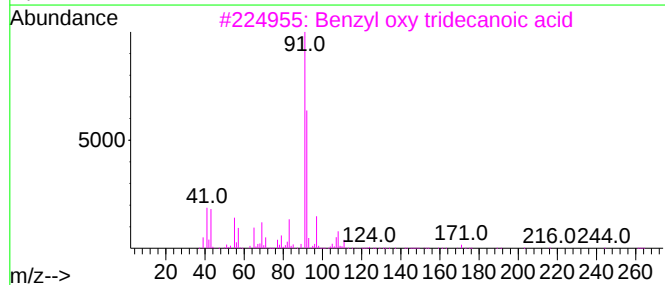
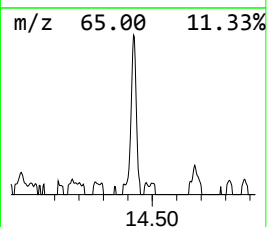
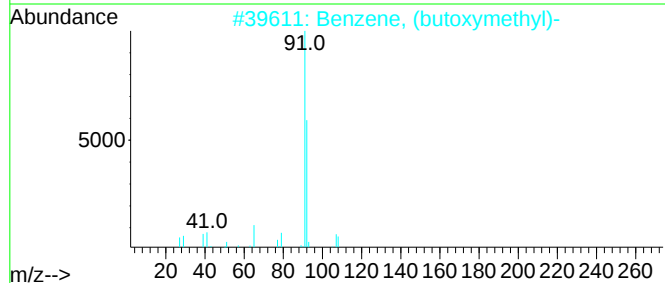
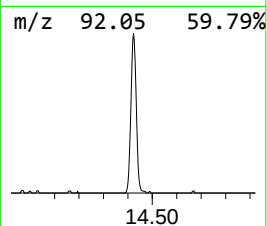
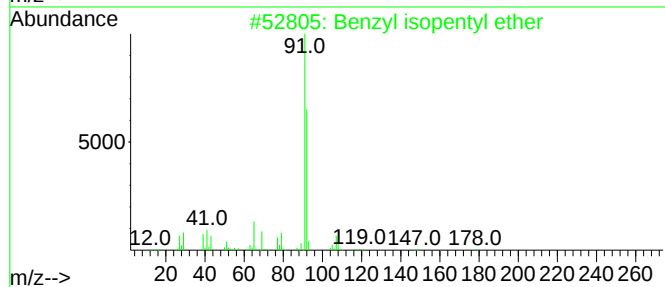
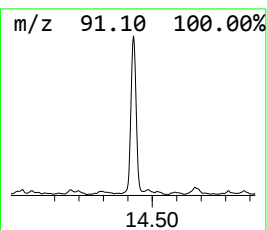
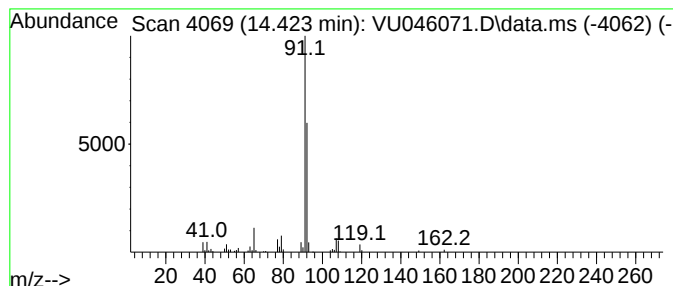
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Quant Title : VOC Analysis

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

Peak Number 12 Benzyl isopentyl ether Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.423	3.47 ug/L	53222	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzyl isopentyl ether	178	C12H18O	000122-73-6	78
2			Benzene, (butoxymethyl)-	164	C11H16O	000588-67-0	72
3			Benzyl oxy tridecanoic acid	320	C20H32O3	1000289-36-6	72
4			Benzyl isopentyl ether	178	C12H18O	000122-73-6	72
5			Benzene, (butoxymethyl)-	164	C11H16O	000588-67-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
Data File : VU046071.D
Acq On : 03 Dec 2021 14:13
Operator : SY/MD
Sample : M4870-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6DL

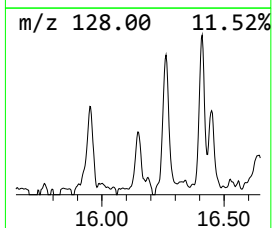
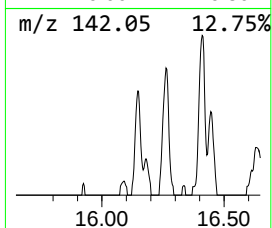
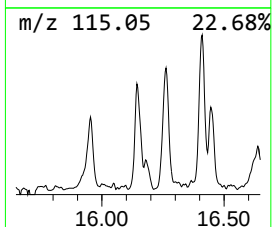
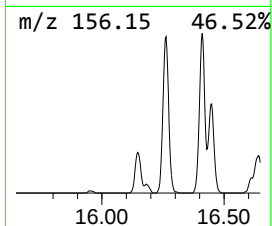
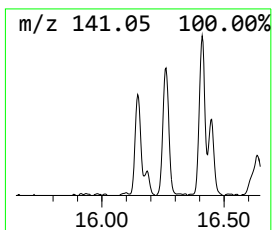
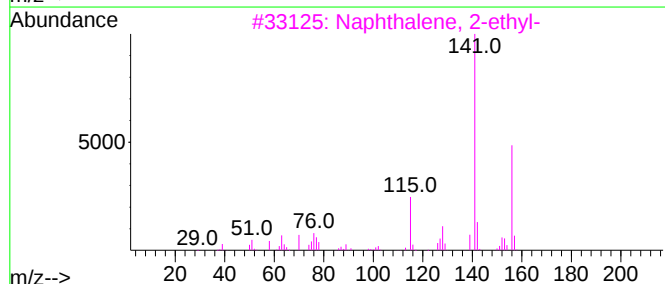
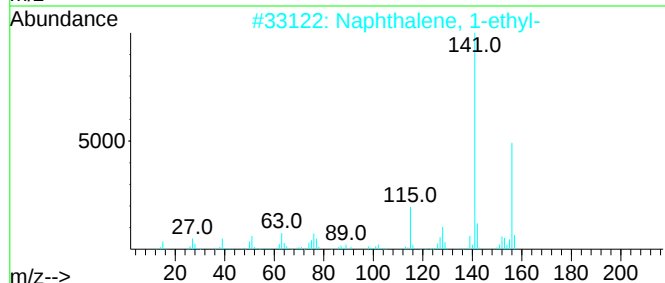
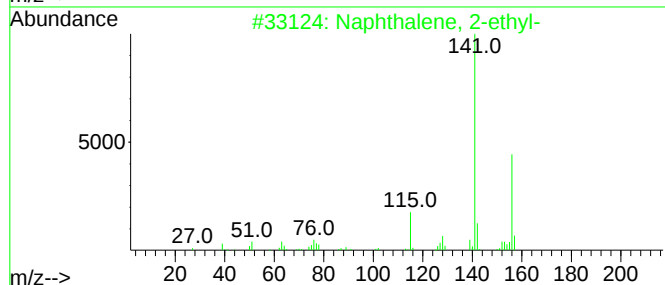
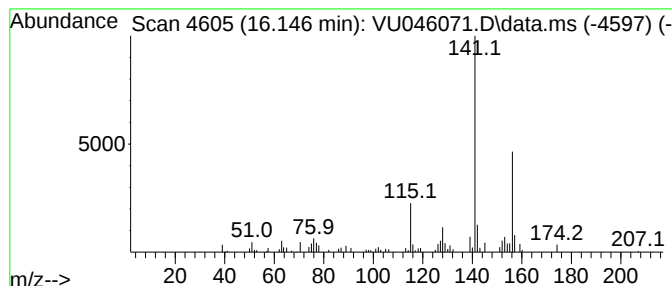
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Quant Title : VOC Analysis

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

Peak Number 16 Naphthalene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.147	3.73 ug/L	57192	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
4			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
Data File : VU046071.D
Acq On : 03 Dec 2021 14:13
Operator : SY/MD
Sample : M4870-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6DL

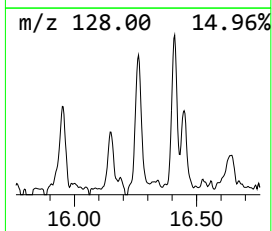
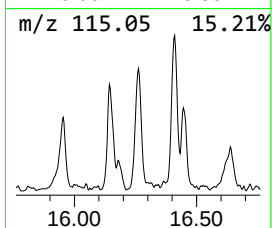
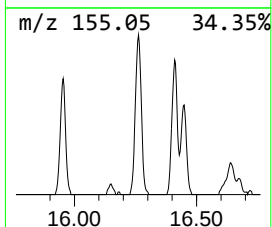
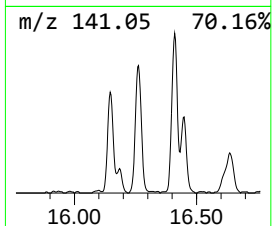
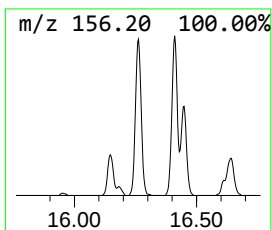
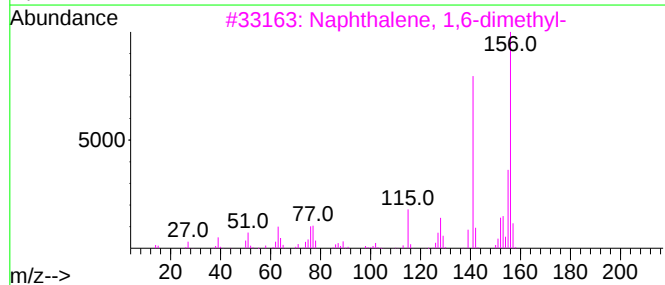
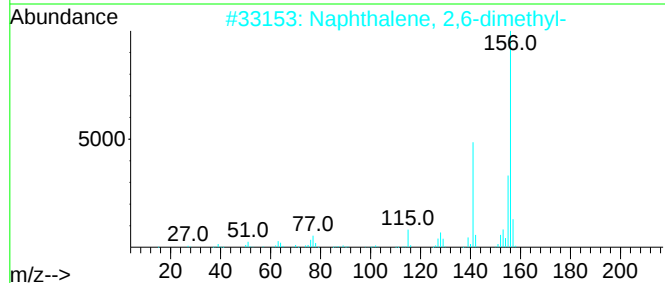
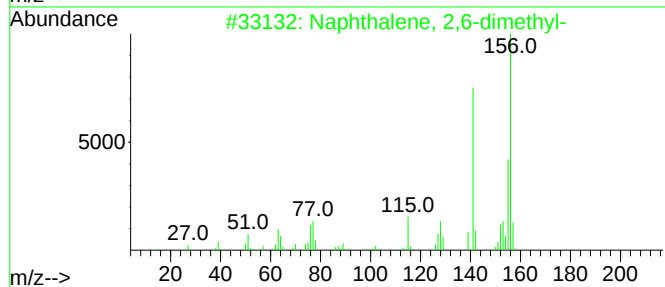
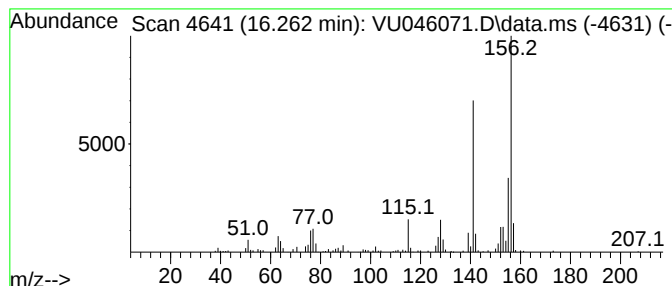
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Quant Title : VOC Analysis

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

Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.262	10.55 ug/L	161933	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
Data File : VU046071.D
Acq On : 03 Dec 2021 14:13
Operator : SY/MD
Sample : M4870-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6DL

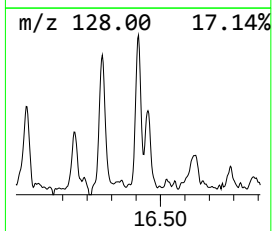
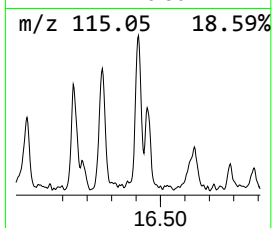
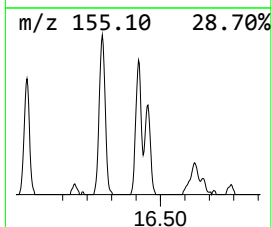
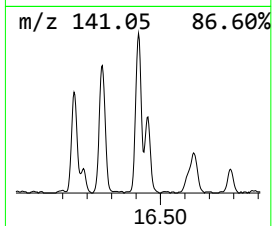
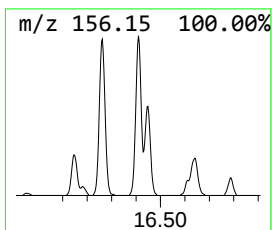
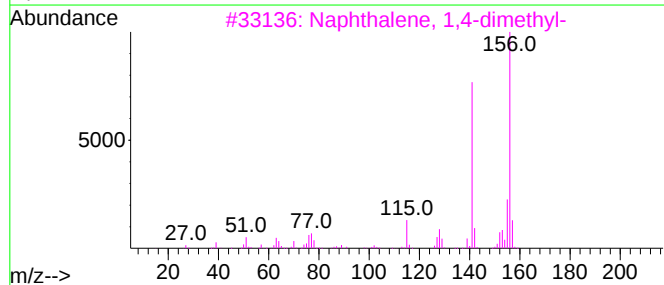
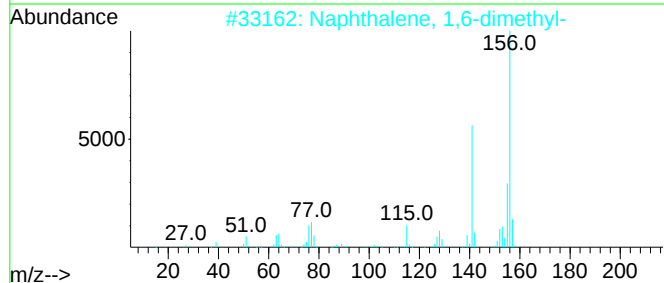
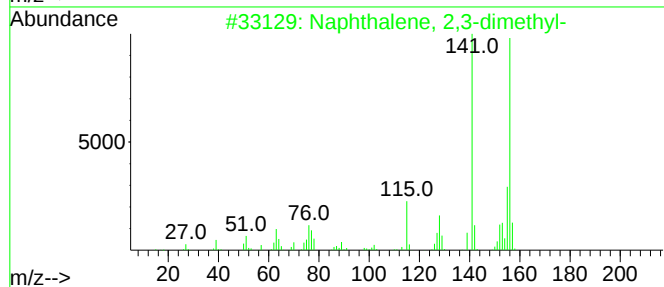
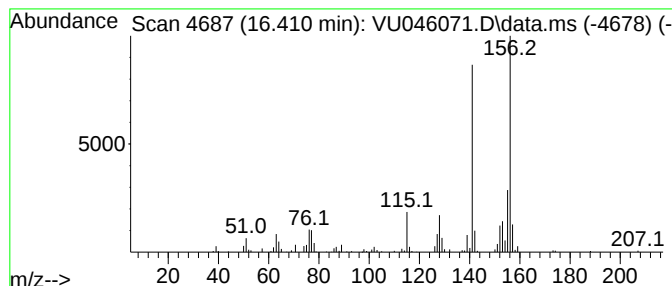
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Quant Title : VOC Analysis

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

Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.410	8.40 ug/L	128893	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046071.D
 Acq On : 03 Dec 2021 14:13
 Operator : SY/MD
 Sample : M4870-09DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKP6DL

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
(DEL) Alkane: S...	10.253	3.7	ug/L	51511	2	9.420	699795	50.0
Benzene, 1-ethy...	10.999	13.3	ug/L	204376	3	11.812	767453	50.0
Benzene, 1-ethy...	11.295	6.7	ug/L	102427	3	11.812	767453	50.0
(DEL) Alkane: S...	11.417	2.7	ug/L	41657	3	11.812	767453	50.0
(DEL) Alkane: S...	11.574	2.6	ug/L	40723	3	11.812	767453	50.0
1-Hexanol, 2-et...	12.060	48.0	ug/L	737379	3	11.812	767453	50.0
(DEL) Alkane: S...	12.327	15.8	ug/L	242825	3	11.812	767453	50.0
(DEL) Alkane: S...	13.433	7.8	ug/L	120042	3	11.812	767453	50.0
Azulene	14.086	178.2	ug/L	2734960	3	11.812	767453	50.0
Benzyl isopenty...	14.423	3.5	ug/L	53222	3	11.812	767453	50.0
Naphthalene, 2-...	16.147	3.7	ug/L	57192	3	11.812	767453	50.0
Naphthalene, 2,...	16.262	10.6	ug/L	161933	3	11.812	767453	50.0
Naphthalene, 2,...	16.410	8.4	ug/L	128893	3	11.812	767453	50.0