

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046120.D
 Acq On : 06 Dec 2021 18:42
 Operator : SY/MD
 Sample : M4942-07DL 10X
 Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKQ9DL

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: VU046120.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	73	81	92	rBV	96922	104769	10.66%	0.866%
2	1.880	162	168	171	rBV	4125	4579	0.47%	0.038%
3	1.912	171	178	190	rVB	58845	73196	7.45%	0.605%
4	2.205	266	269	273	rVB2	337	261	0.03%	0.002%
5	2.391	325	327	333	rBV2	315	251	0.03%	0.002%
6	2.510	360	364	370	rVB4	520	512	0.05%	0.004%
7	2.568	370	382	407	rBV	169892	281692	28.67%	2.328%
8	2.793	445	452	461	rBV2	567	877	0.09%	0.007%
9	2.951	495	501	502	rBV	576	441	0.04%	0.004%
10	3.047	521	531	543	rVB2	5978	10929	1.11%	0.090%
11	3.192	563	576	589	rBV	3591	7622	0.78%	0.063%
12	3.459	654	659	664	rBV2	200	213	0.02%	0.002%
13	3.957	809	814	818	rVB2	195	197	0.02%	0.002%
14	4.401	949	952	959	rVB2	275	271	0.03%	0.002%
15	4.633	1008	1024	1059	rBV	76542	204830	20.85%	1.693%
16	5.067	1143	1159	1181	rBV	136807	316744	32.24%	2.618%
17	5.150	1181	1185	1189	rVB3	371	314	0.03%	0.003%
18	5.176	1189	1193	1197	rVB2	287	263	0.03%	0.002%
19	5.279	1221	1225	1226	rBV	352	195	0.02%	0.002%
20	5.542	1304	1307	1310	rVB2	342	289	0.03%	0.002%
21	5.587	1318	1321	1324	rVB2	274	192	0.02%	0.002%
22	5.726	1342	1364	1393	rBV2	302670	813877	82.85%	6.726%
23	5.903	1411	1419	1428	rVB5	1227	2364	0.24%	0.020%
24	5.967	1435	1439	1443	rBV4	765	730	0.07%	0.006%
25	6.131	1486	1490	1497	rVB4	820	777	0.08%	0.006%
26	6.250	1512	1527	1546	rBV	258951	480382	48.90%	3.970%
27	6.533	1605	1615	1628	rVB3	4492	8813	0.90%	0.073%
28	6.694	1649	1665	1680	rBV	184479	354478	36.08%	2.929%
29	6.806	1695	1700	1705	rVB4	705	933	0.09%	0.008%
30	6.829	1705	1707	1712	rVB2	215	210	0.02%	0.002%
31	6.861	1712	1717	1719	rBV2	297	234	0.02%	0.002%
32	7.050	1767	1776	1783	rBV	420	834	0.08%	0.007%
33	7.185	1816	1818	1822	rVV	349	225	0.02%	0.002%
34	7.259	1833	1841	1850	rVB3	1440	2618	0.27%	0.022%
35	7.385	1873	1880	1885	rVV5	1258	1689	0.17%	0.014%
36	7.433	1890	1895	1900	rVB3	513	463	0.05%	0.004%

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Integration Parameters: LSCINT.P

Integrator: RTE

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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	7.501	1910	1916	1924	rBV3	1153	1629	0.17%	0.013%
38	7.568	1924	1937	1957	rVB	105071	183074	18.64%	1.513%
39	7.658	1959	1965	1966	rBV4	1186	1207	0.12%	0.010%
40	7.742	1986	1991	1994	rBV	222	286	0.03%	0.002%
41	7.796	2004	2008	2011	rVB4	489	393	0.04%	0.003%
42	7.845	2020	2023	2026	rBV3	422	301	0.03%	0.002%
43	7.899	2027	2040	2053	rVV	377063	659966	67.18%	5.454%
44	7.970	2054	2062	2075	rVB	42951	72369	7.37%	0.598%
45	8.131	2105	2112	2117	rBV5	2507	3457	0.35%	0.029%
46	8.179	2117	2127	2142	rVB	70872	116961	11.91%	0.967%
47	8.292	2159	2162	2167	rVB3	300	309	0.03%	0.003%
48	8.533	2231	2237	2242	rVV3	496	646	0.07%	0.005%
49	8.636	2256	2269	2295	rBV	237057	426237	43.39%	3.522%
50	8.867	2334	2341	2349	rVB5	1380	2058	0.21%	0.017%
51	8.925	2349	2359	2366	rBV7	2448	4319	0.44%	0.036%
52	9.054	2384	2399	2410	rBV6	2421	5593	0.57%	0.046%
53	9.124	2415	2421	2429	rVV7	2607	4766	0.49%	0.039%
54	9.173	2429	2436	2441	rVV6	3659	5683	0.58%	0.047%
55	9.218	2442	2450	2460	rVB3	8396	15068	1.53%	0.125%
56	9.337	2478	2487	2497	rBV4	8338	13491	1.37%	0.111%
57	9.417	2499	2512	2530	rBV	360289	597272	60.80%	4.936%
58	9.571	2547	2560	2575	rBV	205048	326880	33.27%	2.701%
59	9.693	2585	2598	2609	rBV	600066	982373	100.00%	8.118%
60	9.745	2610	2614	2635	rVB2	39904	60288	6.14%	0.498%
61	9.867	2649	2652	2654	rBV2	354	250	0.03%	0.002%
62	9.954	2674	2679	2686	rBV6	883	1406	0.14%	0.012%
63	10.021	2691	2700	2712	rBV6	10102	21452	2.18%	0.177%
64	10.102	2714	2725	2739	rVV	165336	273171	27.81%	2.258%
65	10.208	2754	2758	2759	rBV	935	628	0.06%	0.005%
66	10.253	2759	2772	2785	rVV7	18412	34668	3.53%	0.287%
67	10.317	2786	2792	2794	rBV5	2053	2316	0.24%	0.019%
68	10.356	2796	2804	2811	rBV4	13589	23046	2.35%	0.190%
69	10.484	2829	2844	2854	rBV	38165	65192	6.64%	0.539%
70	10.562	2854	2868	2876	rBV7	17696	37853	3.85%	0.313%
71	10.758	2918	2929	2940	rBV	286943	451919	46.00%	3.735%
72	10.906	2967	2975	2984	rBV	28297	40537	4.13%	0.335%
73	10.999	2994	3004	3020	rBV2	93542	206527	21.02%	1.707%
74	11.115	3027	3040	3057	rVB2	157885	326620	33.25%	2.699%
75	11.295	3087	3096	3112	rBV	40283	82996	8.45%	0.686%
76	11.378	3116	3122	3127	rVV2	11735	16937	1.72%	0.140%

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 Title : VOC Analysis

77	11.417	3127	3134	3141	rVV3	37323	53148	5.41%	0.439%
78	11.468	3141	3150	3167	rVB	183429	295608	30.09%	2.443%
79	11.574	3177	3183	3190	rBV3	11284	17394	1.77%	0.144%
80	11.709	3215	3225	3231	rBV5	22308	46909	4.78%	0.388%
81	11.812	3246	3257	3270	rBV	421108	684623	69.69%	5.658%
82	11.899	3271	3284	3295	rBV3	53506	122181	12.44%	1.010%
83	12.095	3335	3345	3351	rBV2	46371	79170	8.06%	0.654%
84	12.195	3364	3376	3391	rVB	453503	783679	79.77%	6.476%
85	12.327	3404	3417	3427	rBV2	192279	334568	34.06%	2.765%
86	12.468	3453	3461	3465	rBV	16141	26007	2.65%	0.215%
87	12.671	3518	3524	3531	rBV6	8514	13748	1.40%	0.114%
88	12.934	3599	3606	3608	rBV5	10452	13719	1.40%	0.113%
89	13.137	3663	3669	3678	rVB3	13174	17170	1.75%	0.142%
90	13.356	3730	3737	3746	rBV9	6492	10547	1.07%	0.087%
91	13.433	3753	3761	3783	rVB3	94024	172737	17.58%	1.428%
92	13.587	3804	3809	3816	rVB2	15835	19150	1.95%	0.158%
93	13.841	3880	3888	3903	rBV8	10402	20279	2.06%	0.168%
94	14.086	3955	3964	3984	rVB	244409	399306	40.65%	3.300%
95	14.192	3987	3997	4013	rVB4	31302	63937	6.51%	0.528%
96	14.452	4070	4078	4086	rBV	108021	139440	14.19%	1.152%
97	15.221	4305	4317	4329	rBV	277258	451528	45.96%	3.731%
98	15.404	4365	4374	4386	rBV2	249286	387513	39.45%	3.202%
99	16.265	4635	4642	4645	rBV	33141	49816	5.07%	0.412%
100	16.294	4646	4651	4661	rVB	113060	150925	15.36%	1.247%

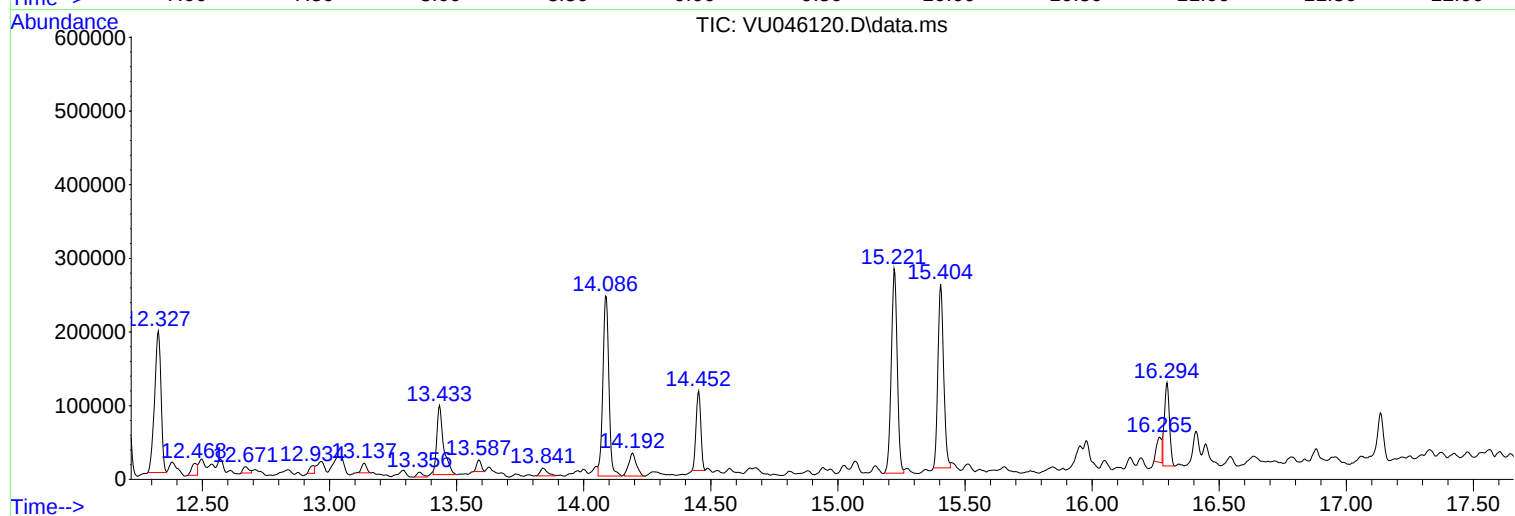
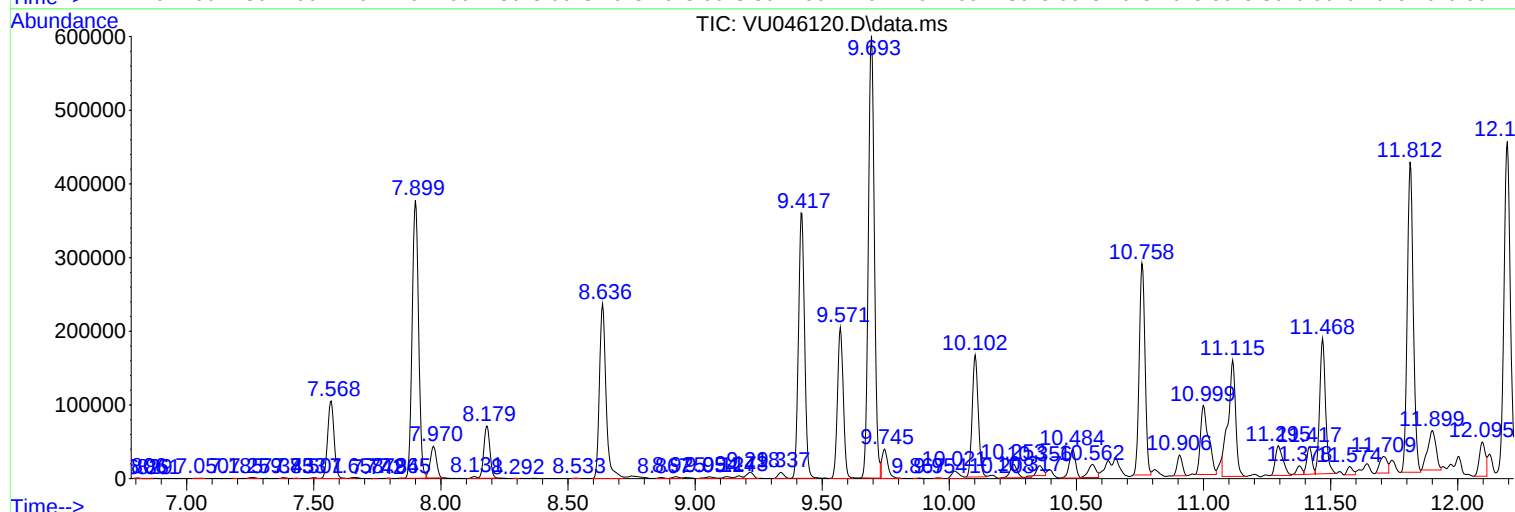
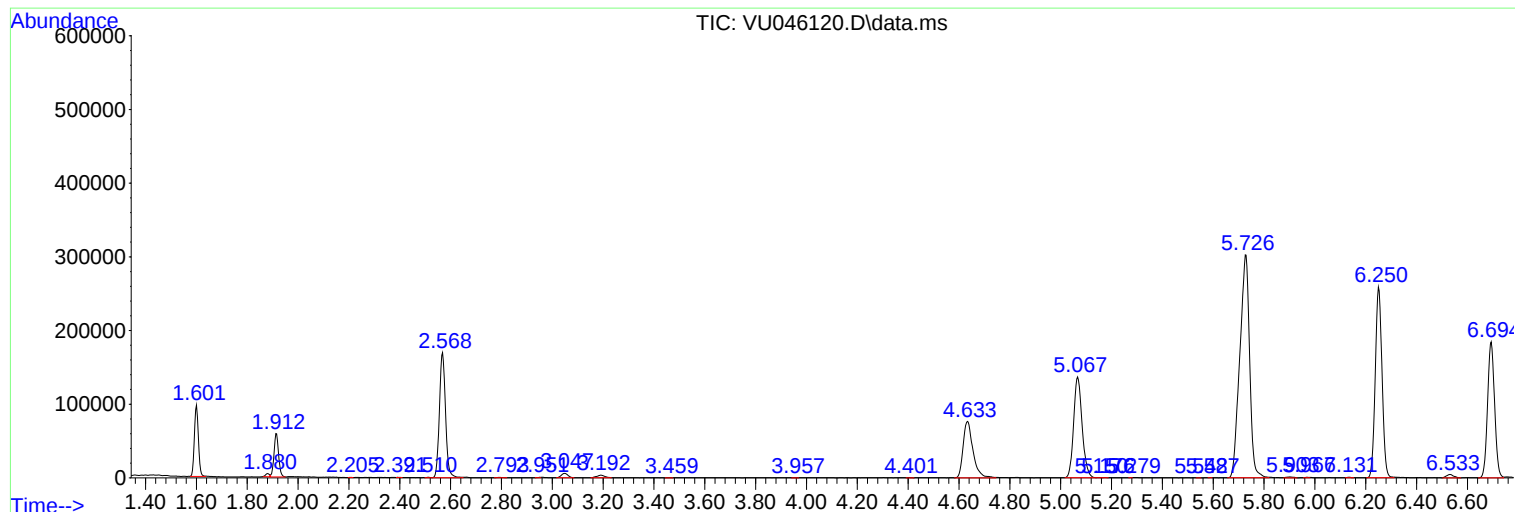
Sum of corrected areas: 12100510

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Instrument :
MSVOA_U
ClientSampleId :
BGKQ9DL

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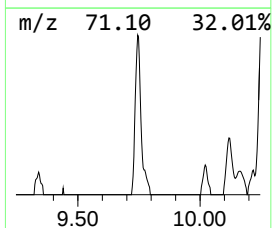
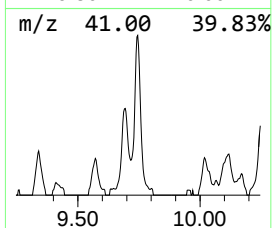
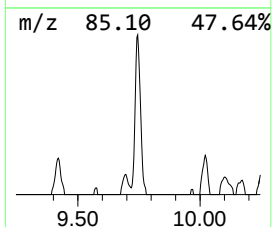
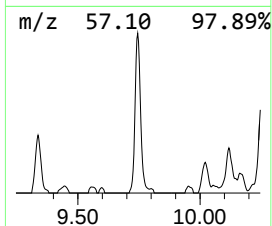
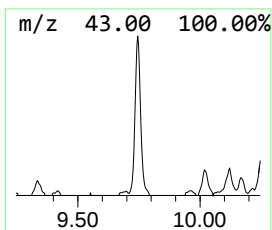
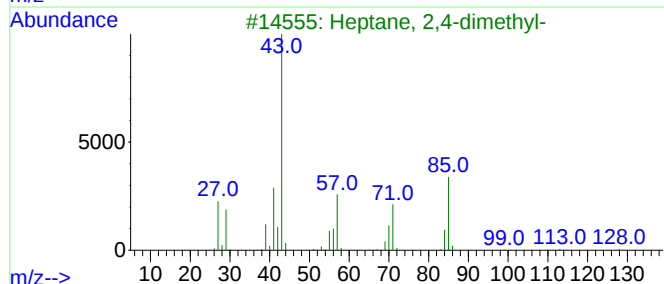
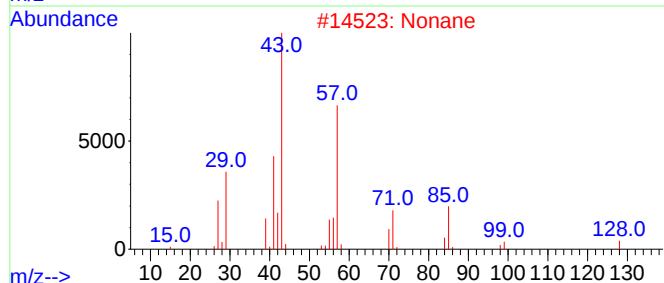
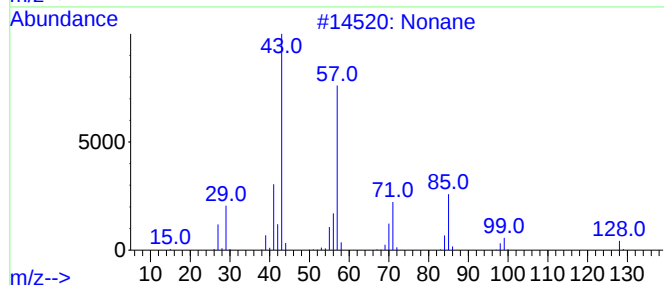
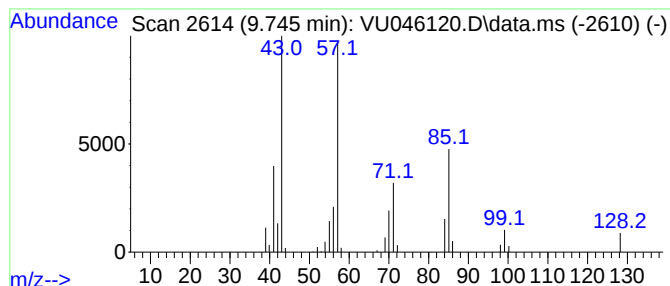
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	5.05 ug/L	60288	Chlorobenzene-d5	9.417

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	91
2			Nonane	128	C9H20	000111-84-2	90
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4			Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	64
5			4,4-Dimethyl octane	142	C10H22	015869-95-1	64



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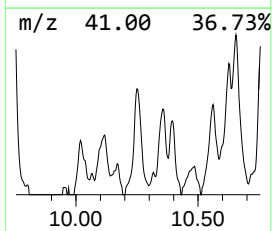
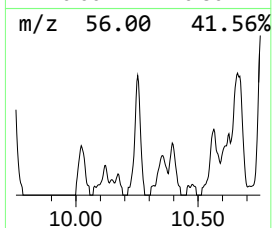
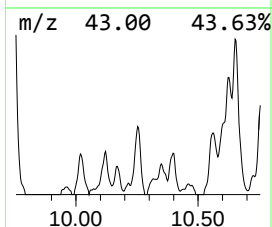
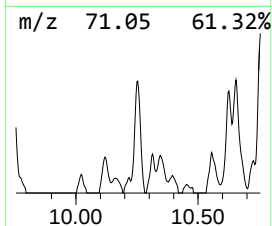
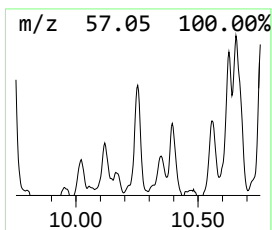
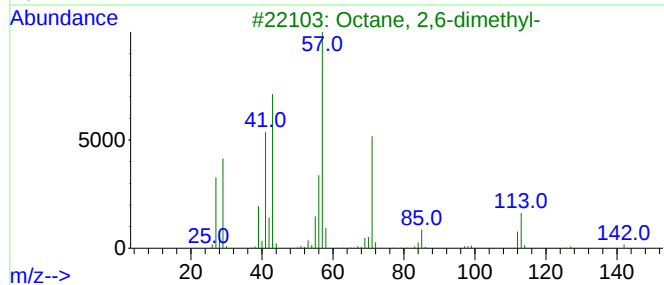
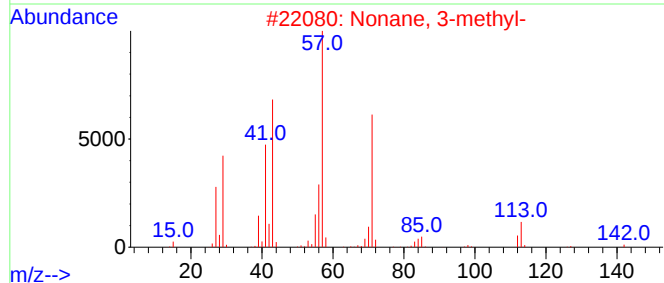
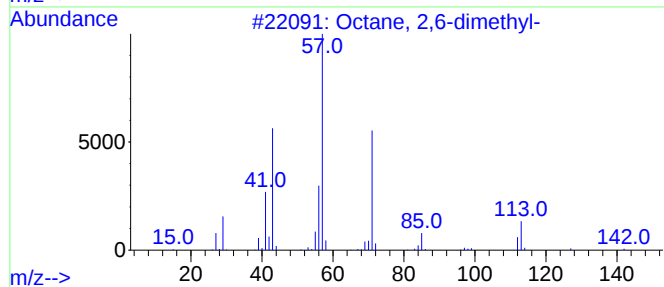
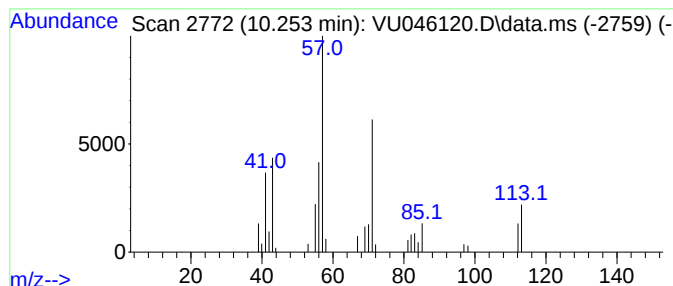
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.253	2.90 ug/L	34668	Chlorobenzene-d5	9.417

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	53
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53



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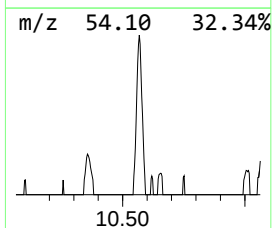
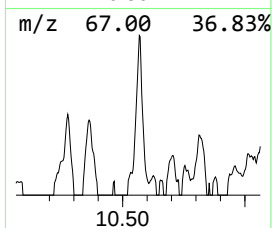
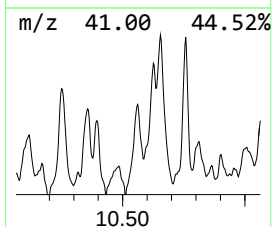
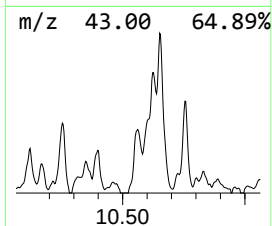
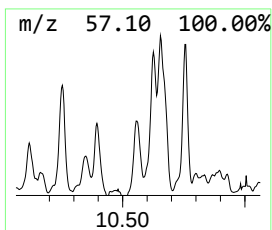
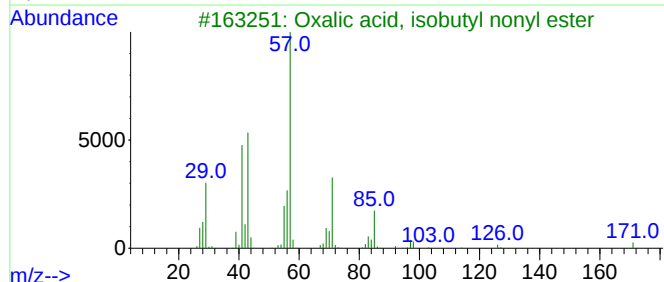
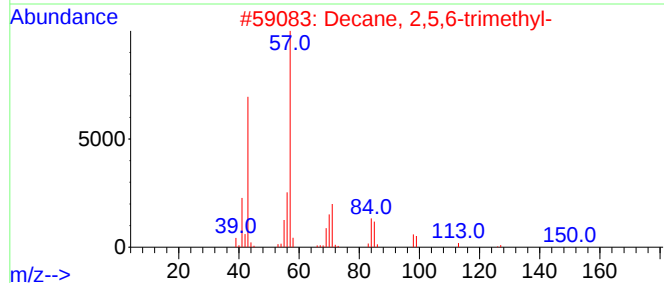
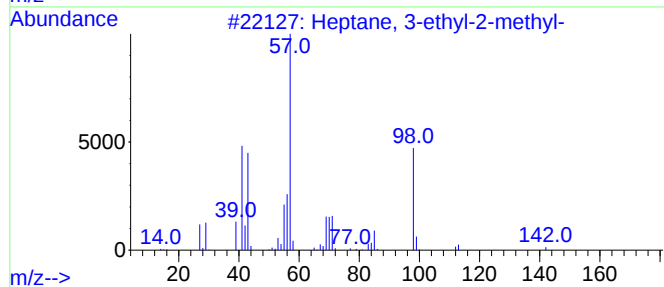
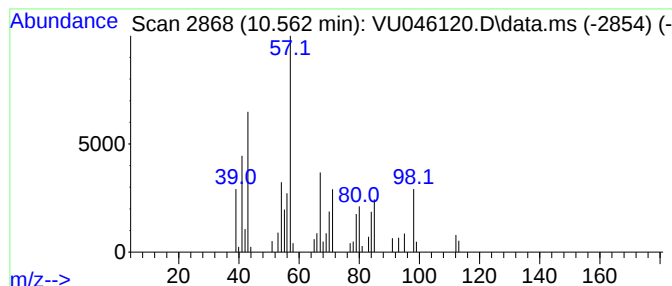
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.562	3.17 ug/L	37853	Chlorobenzene-d5	9.417

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	35
2			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	35
3			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	35
4			Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	27
5			Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ9DL

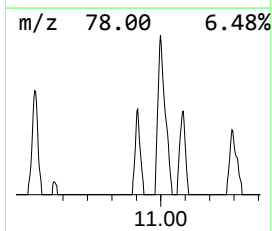
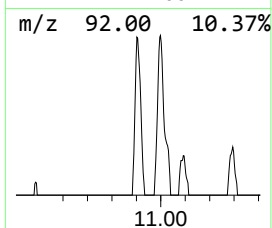
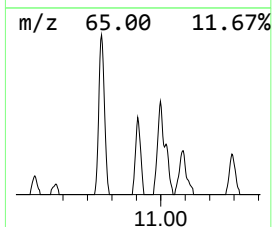
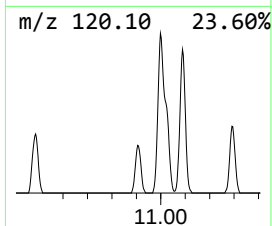
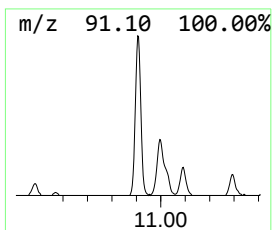
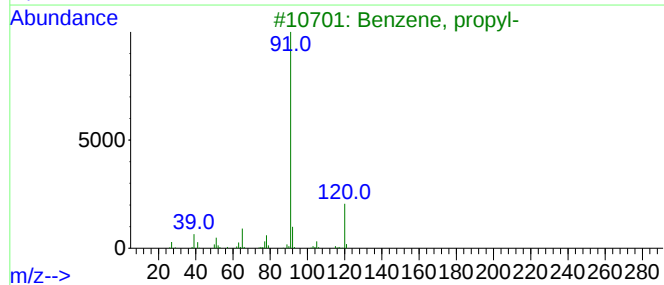
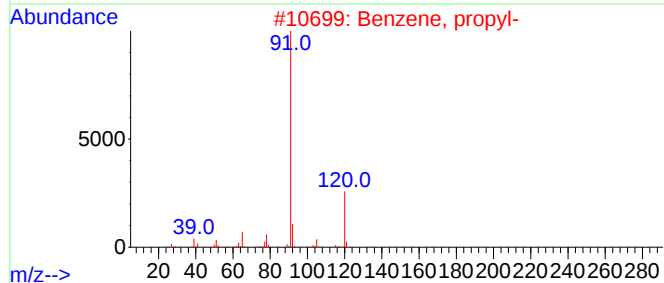
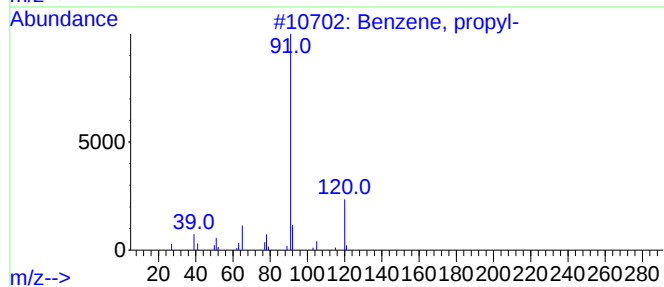
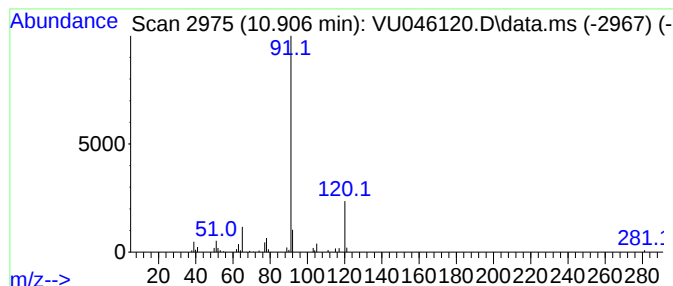
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	2.96 ug/L	40537	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			Benzene, propyl-	120	C9H12	000103-65-1	87
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5			N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ9DL

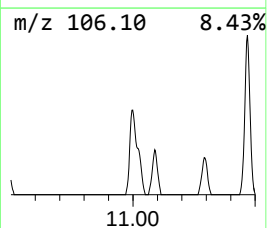
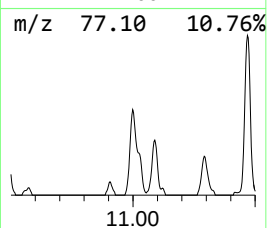
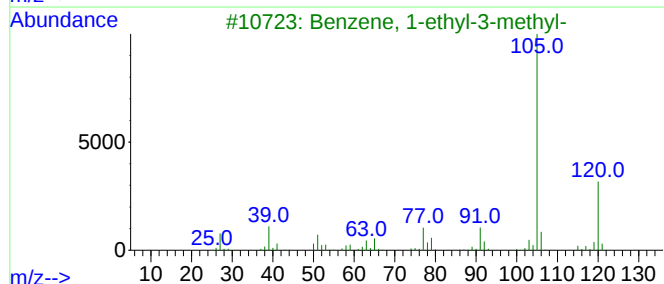
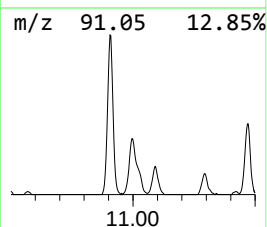
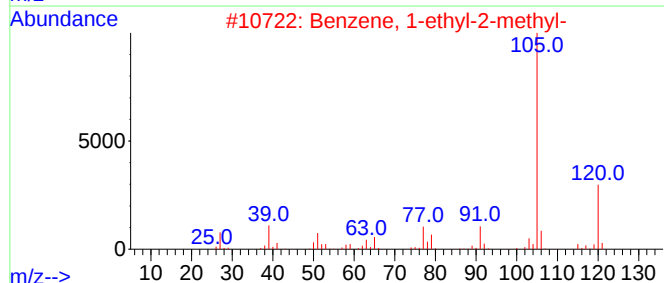
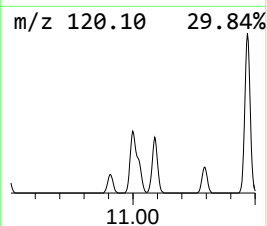
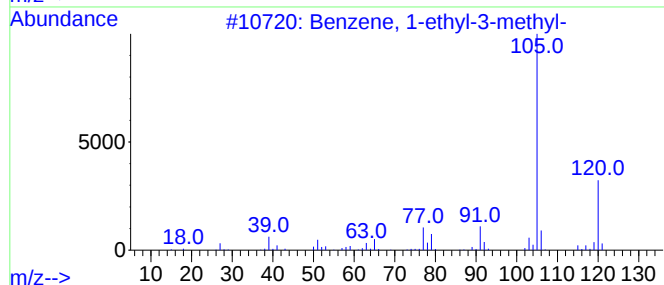
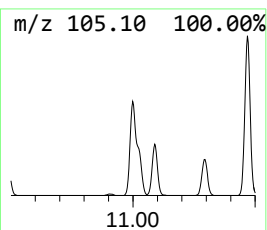
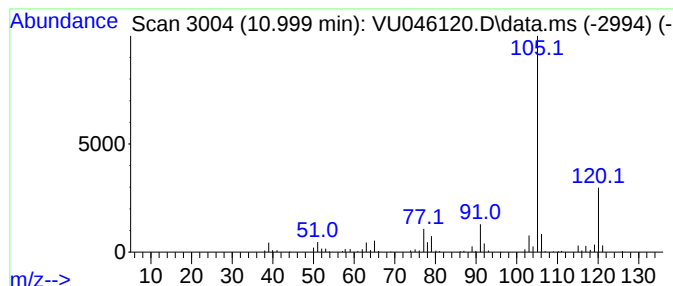
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	15.08 ug/L	206527	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ9DL

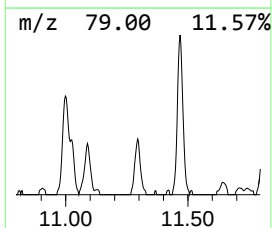
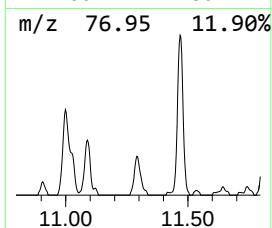
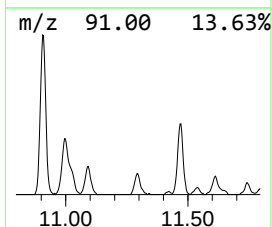
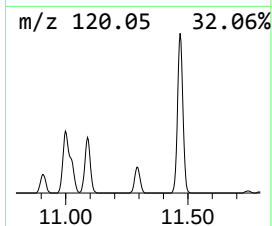
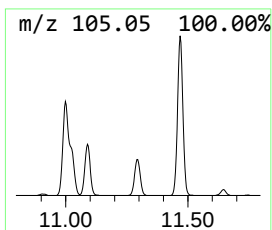
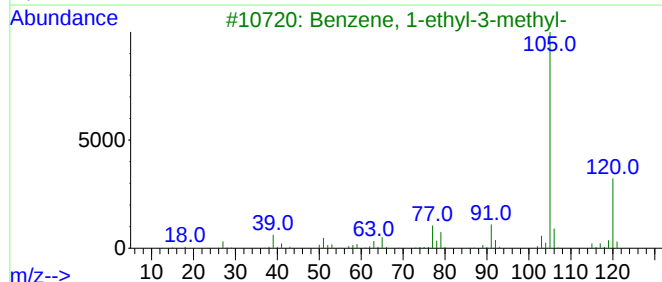
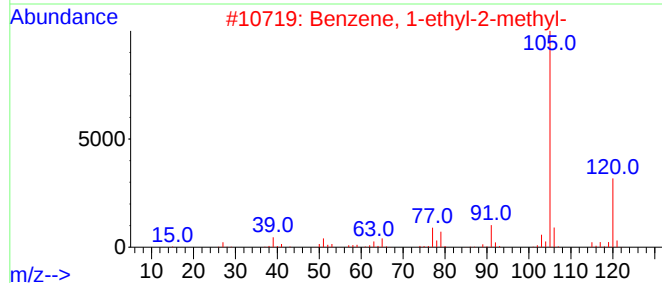
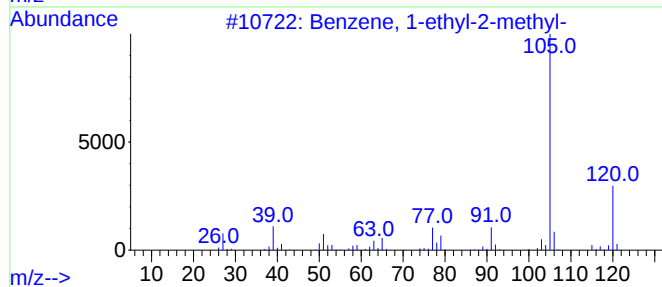
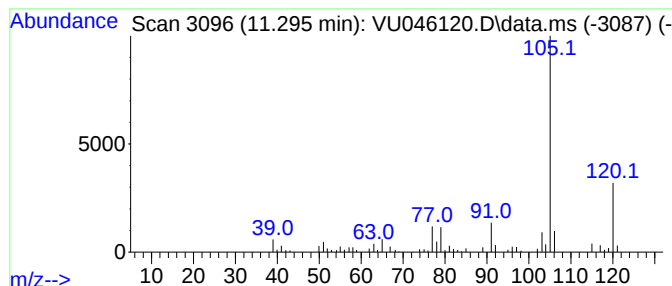
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.295	6.06 ug/L	82996	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	94
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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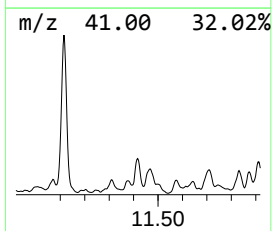
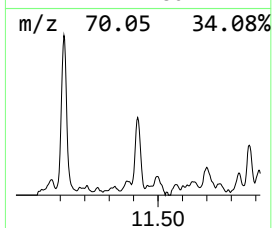
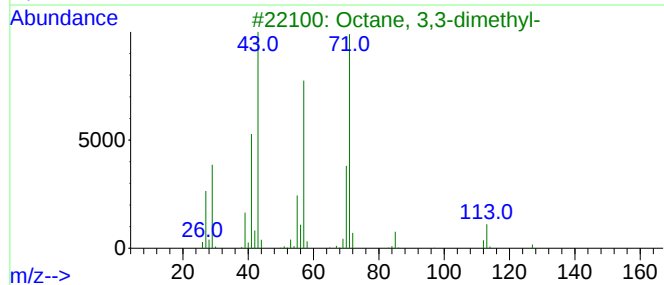
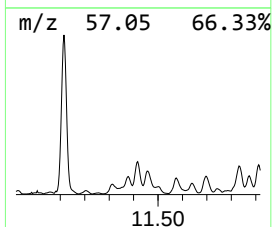
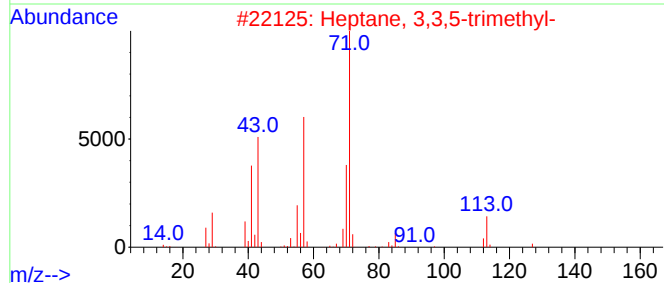
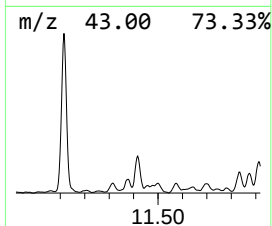
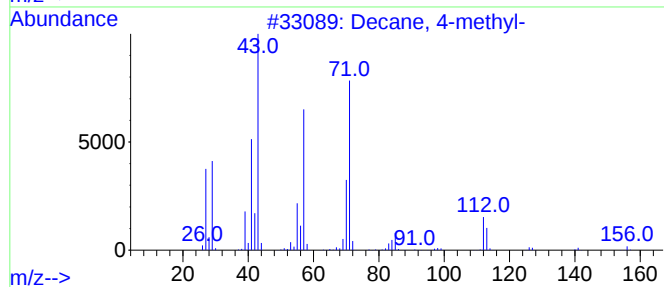
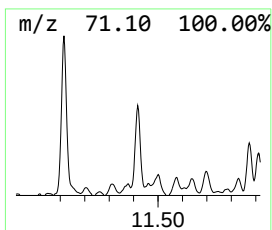
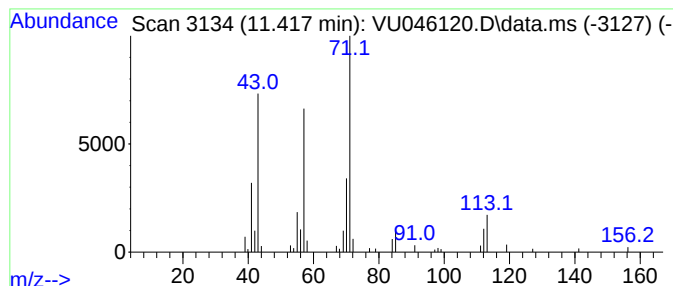
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.417	3.88 ug/L	53148	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	80
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ9DL

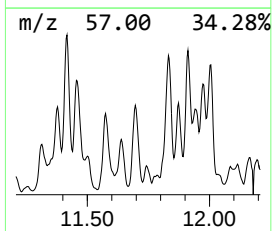
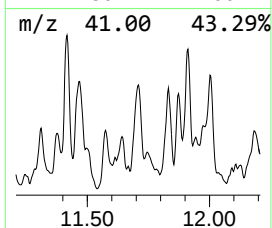
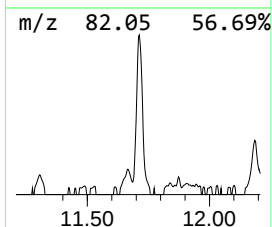
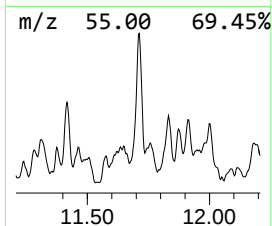
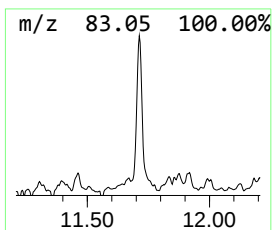
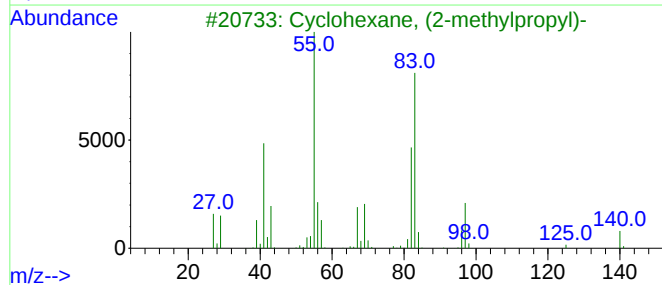
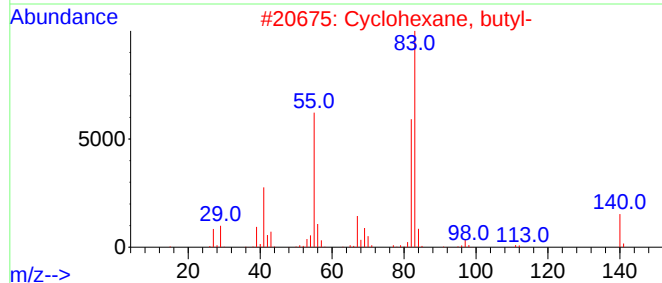
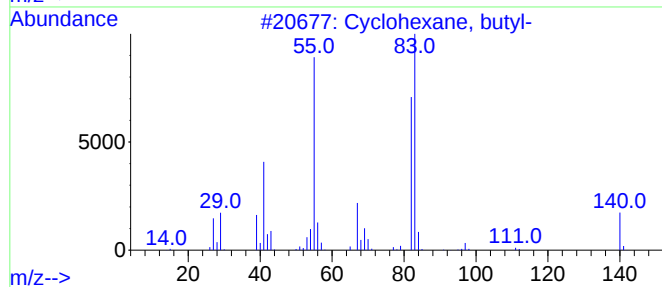
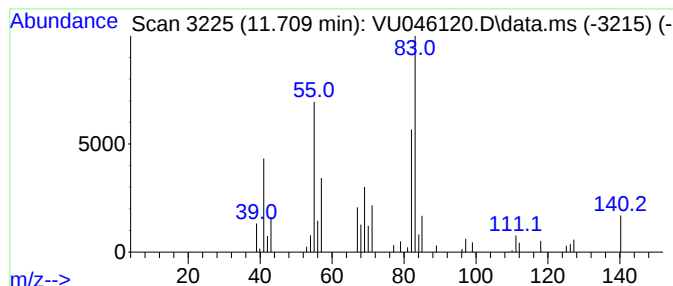
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic11.709 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.709	3.43 ug/L	46909	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	68
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	62
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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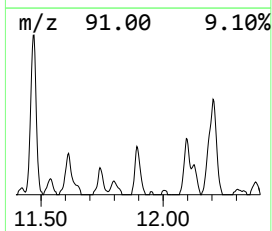
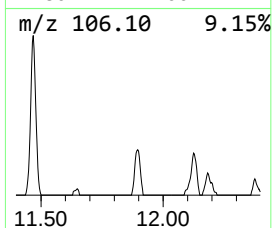
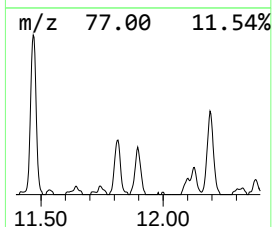
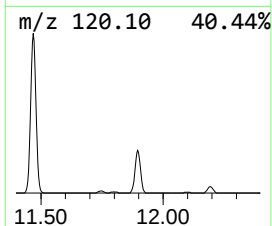
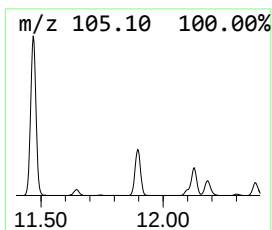
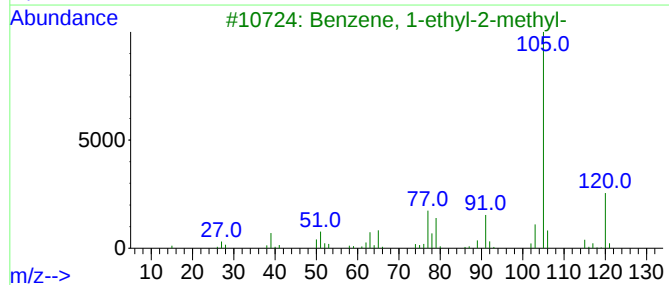
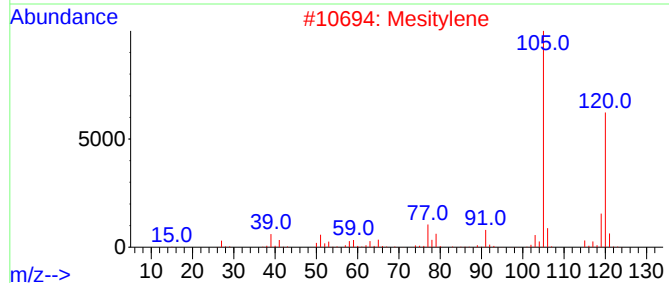
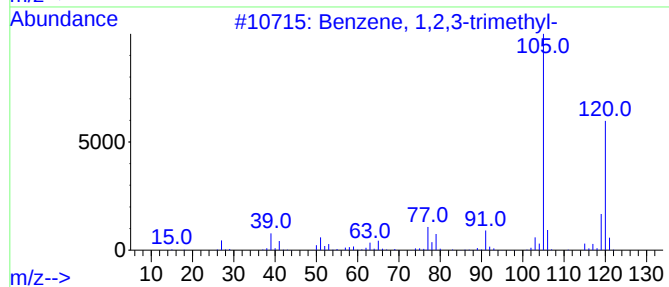
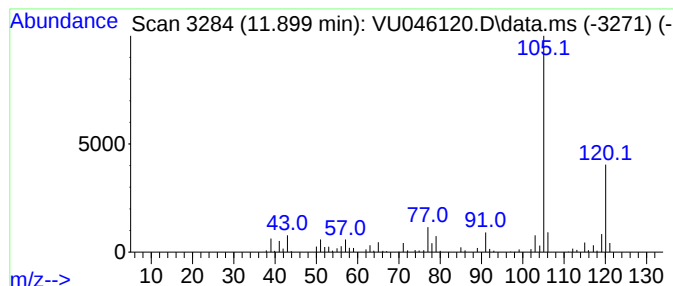
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.899	8.92 ug/L	122181	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Mesitylene	120	C9H12	000108-67-8	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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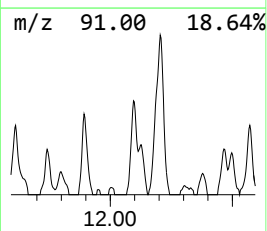
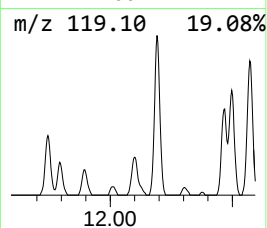
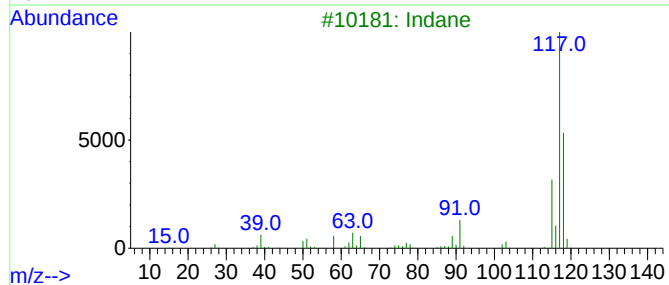
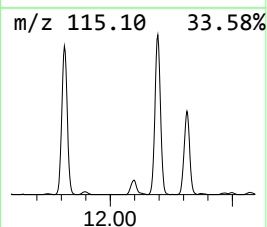
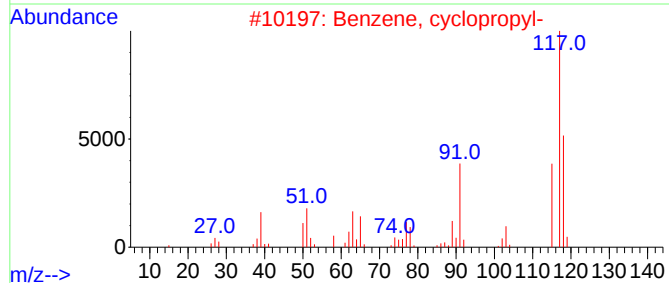
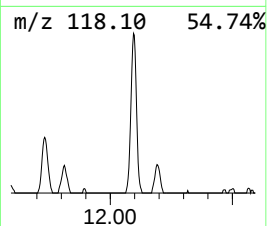
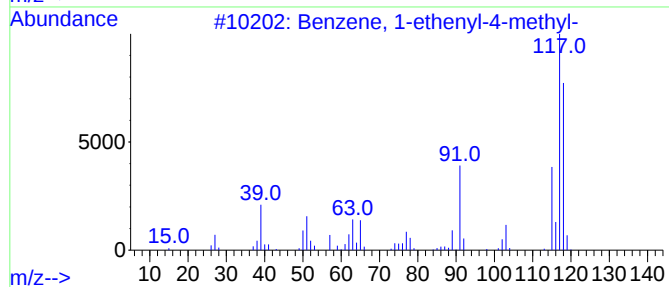
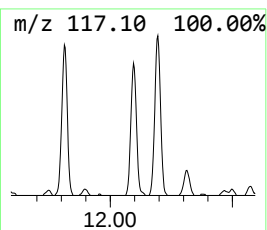
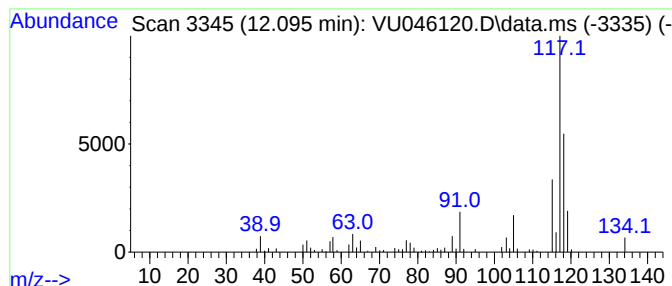
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-ethenyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	5.78 ug/L	79170	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	76
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3			Indane	118	C9H10	000496-11-7	70
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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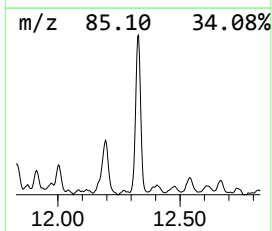
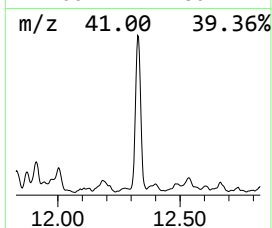
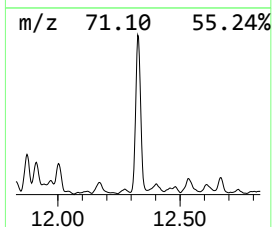
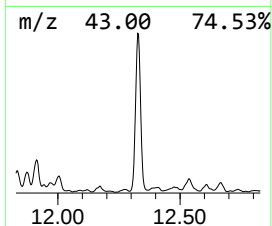
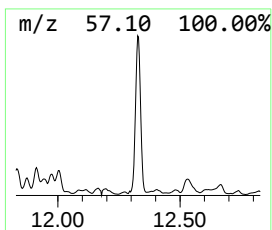
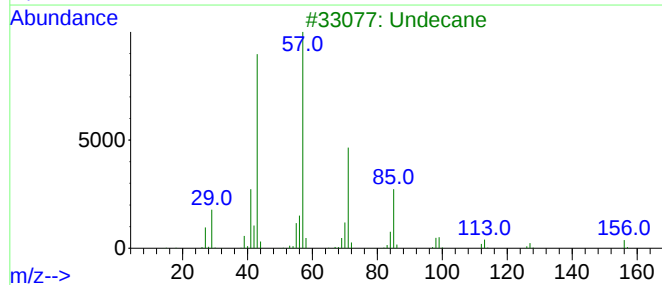
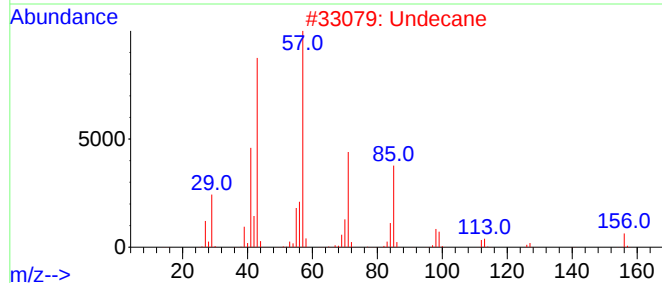
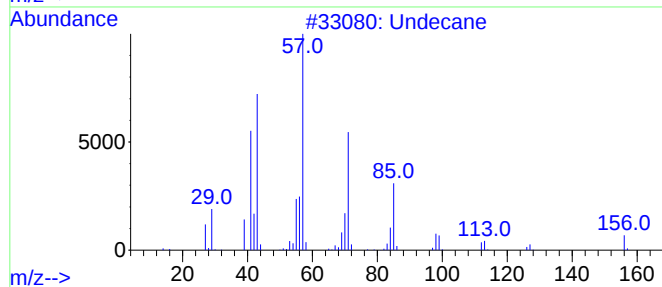
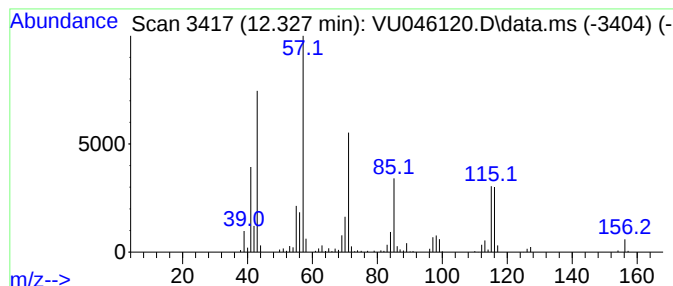
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	24.43 ug/L	334568	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	87
3	Undecane			156	C11H24	001120-21-4	70
4	Undecane			156	C11H24	001120-21-4	70
5	Undecane			156	C11H24	001120-21-4	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ9DL

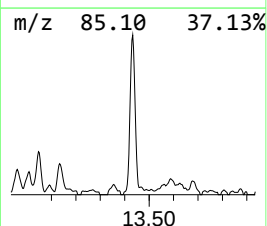
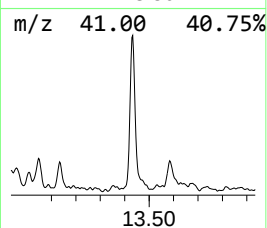
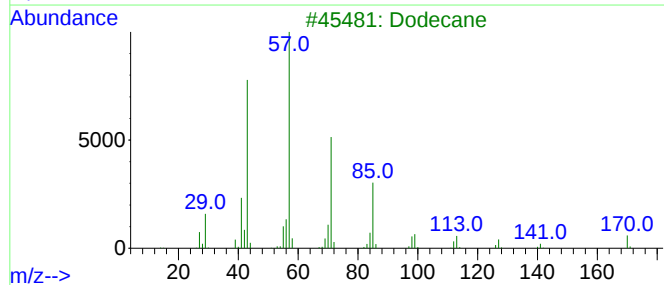
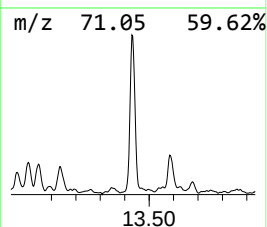
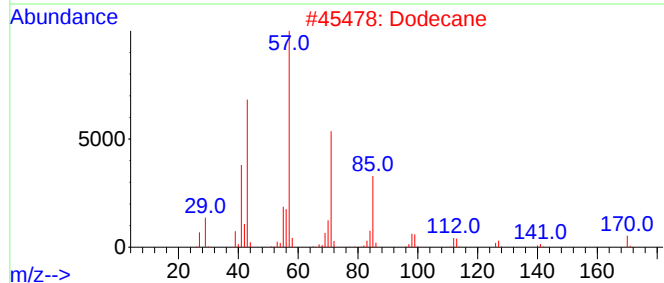
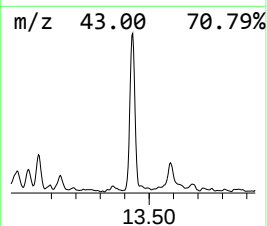
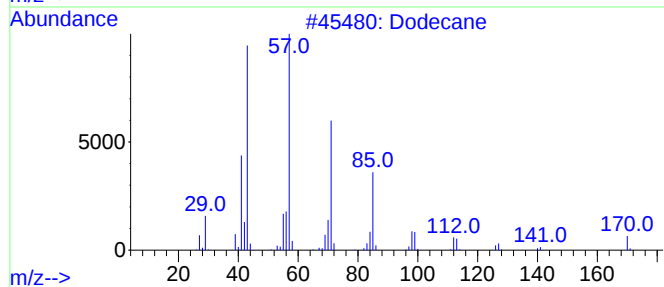
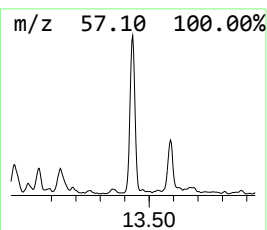
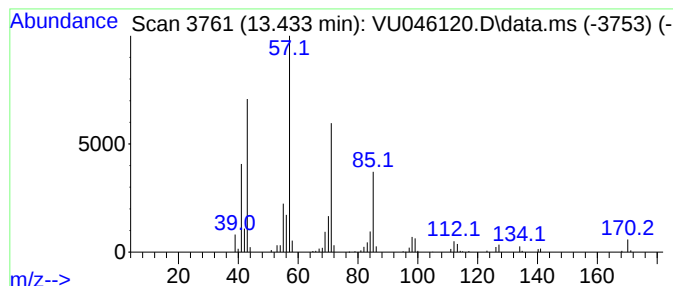
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.433	12.62 ug/L	172737	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	97
2			Dodecane	170	C12H26	000112-40-3	96
3			Dodecane	170	C12H26	000112-40-3	91
4			Dodecane	170	C12H26	000112-40-3	91
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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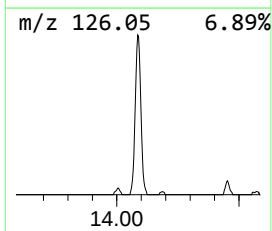
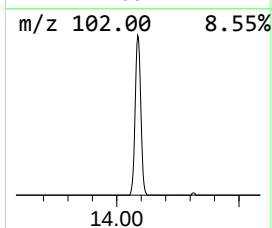
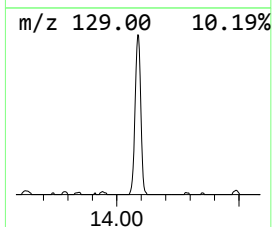
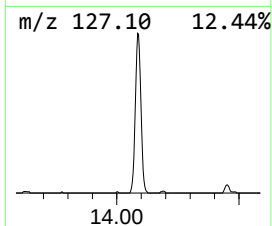
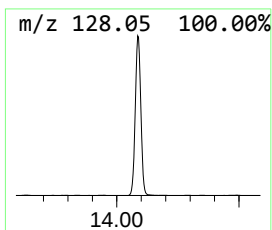
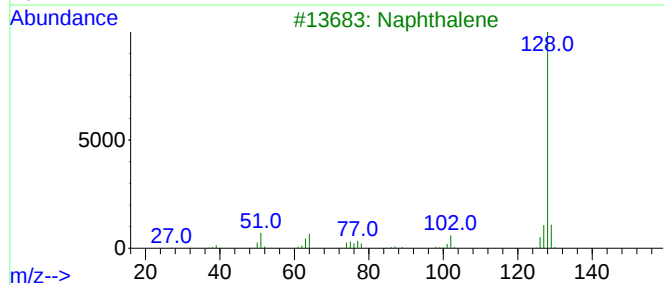
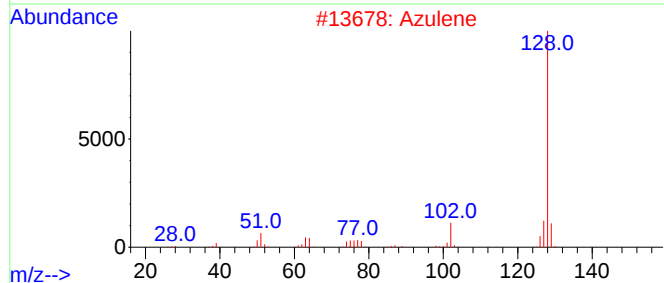
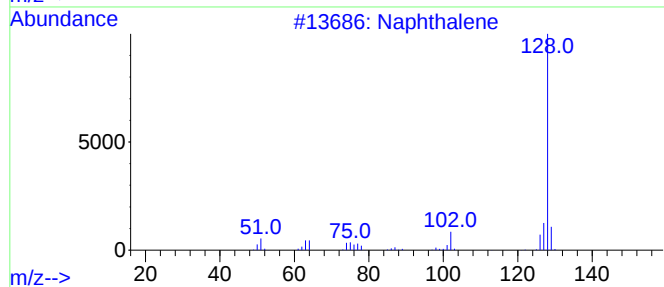
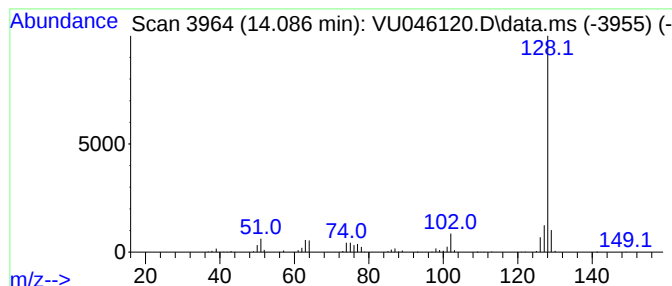
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Quant Title : VOC Analysis

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

Peak Number 14 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	29.16 ug/L	399306	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	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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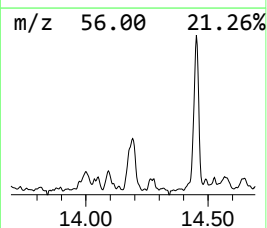
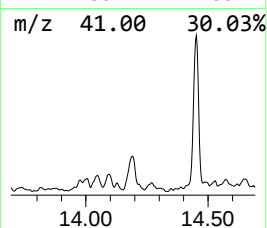
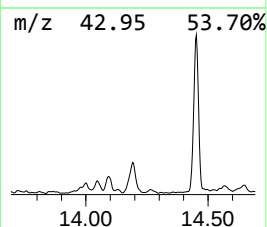
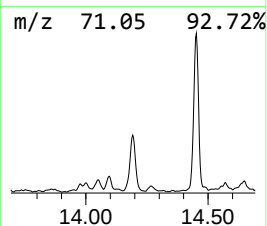
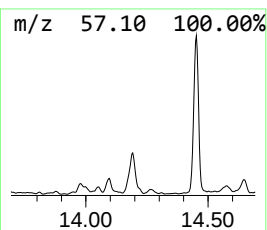
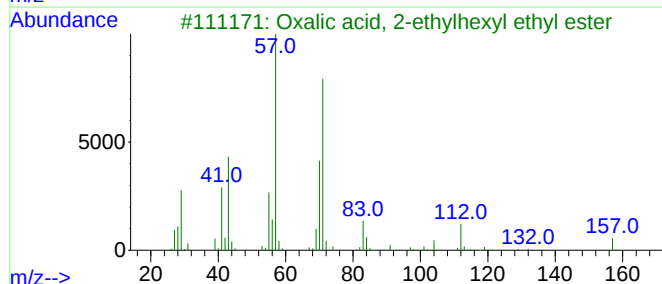
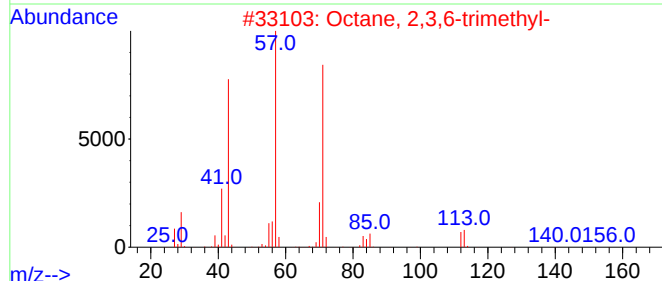
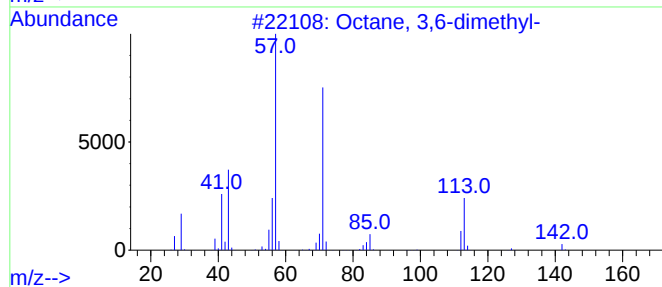
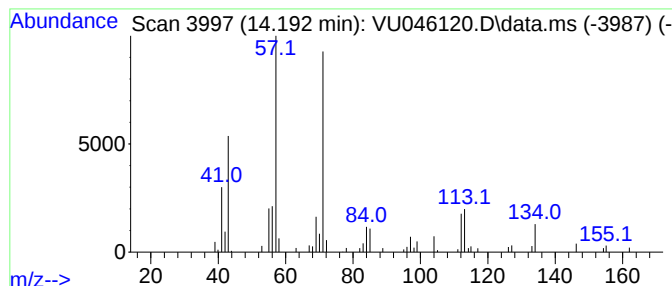
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	4.67 ug/L	63937	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
3			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	59
4			Octane, 2-bromo-	192	C8H17Br	000557-35-7	53
5			Octane, 2-bromo-	192	C8H17Br	000557-35-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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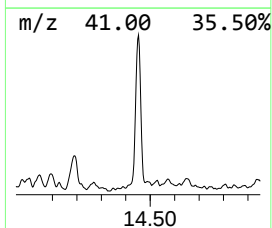
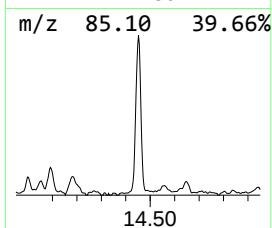
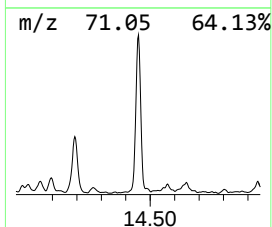
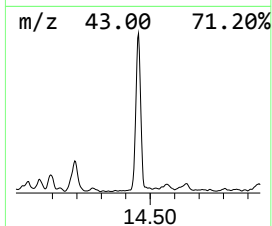
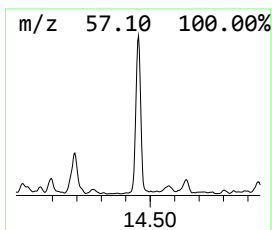
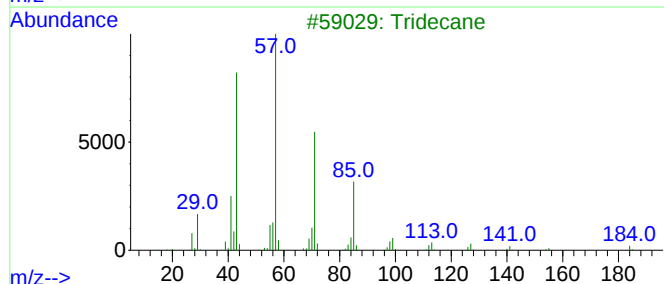
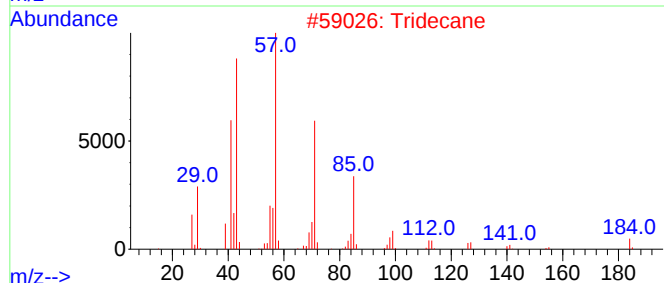
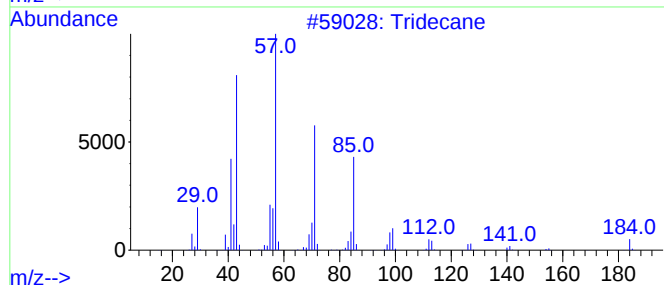
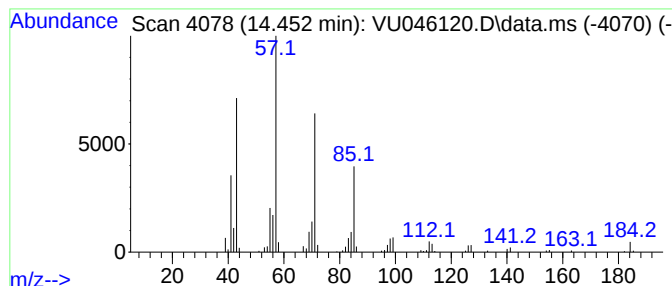
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	10.18 ug/L	139440	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tridecane	184	C13H28	000629-50-5	94
3			Tridecane	184	C13H28	000629-50-5	91
4			Tetradecane	198	C14H30	000629-59-4	90
5			Dodecane	170	C12H26	000112-40-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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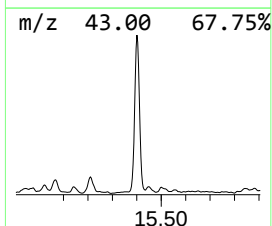
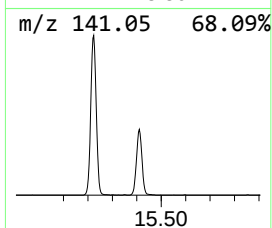
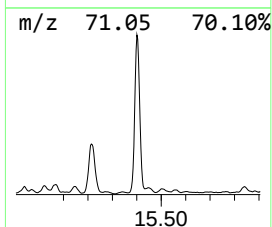
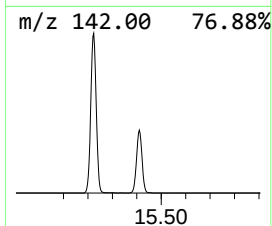
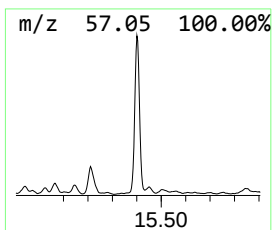
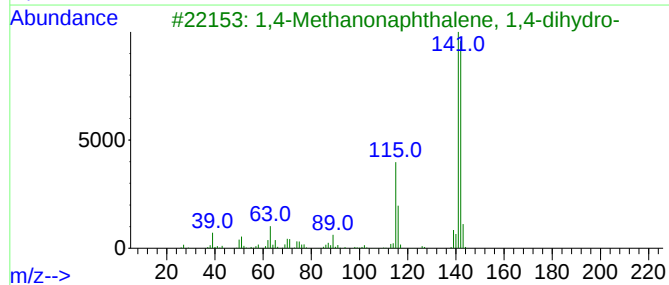
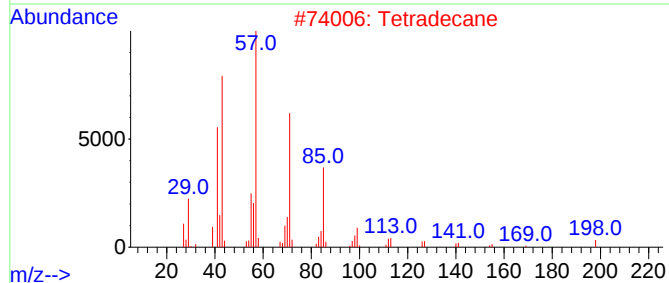
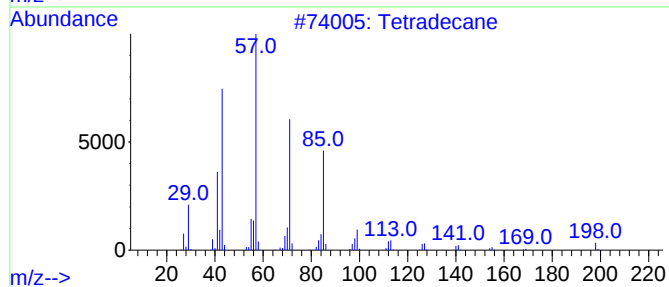
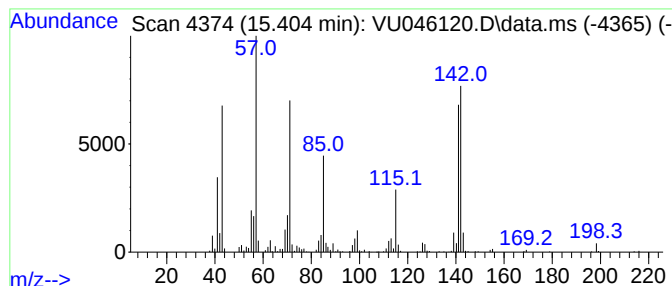
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	28.30 ug/L	387513	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Tetradecane	198	C14H30	000629-59-4	84
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	70
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	62
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ9DL

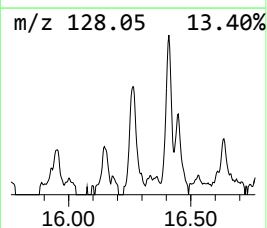
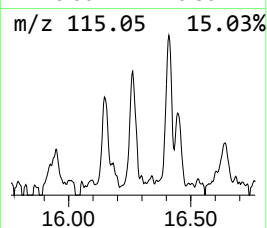
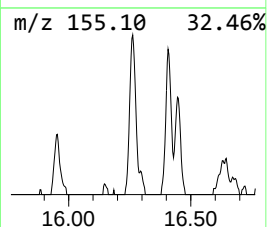
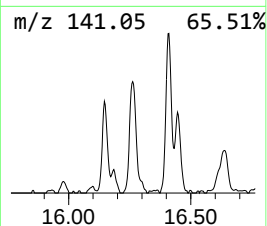
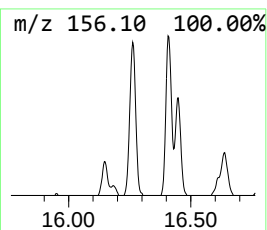
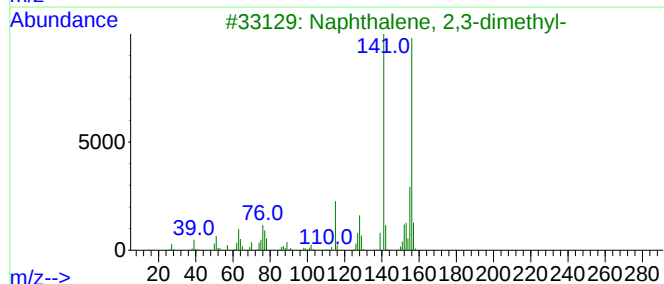
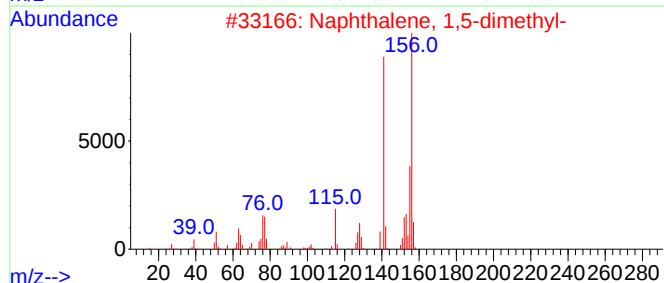
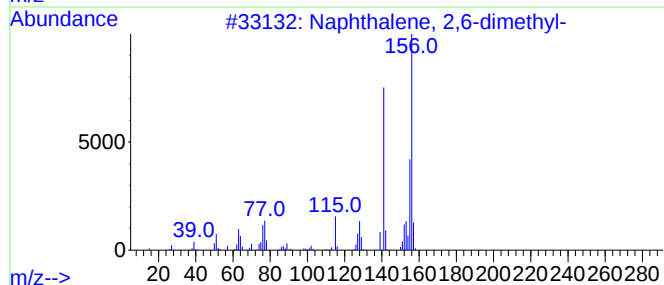
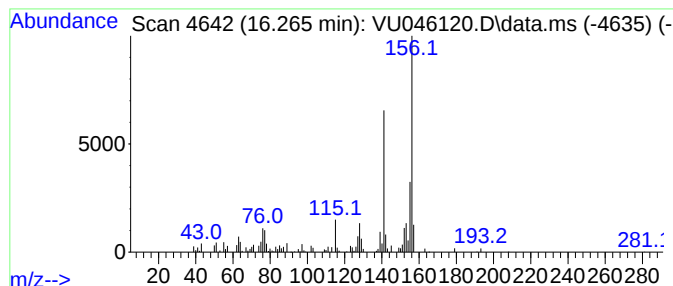
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Quant Title : VOC Analysis

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

Peak Number 19 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.265	3.64 ug/L	49816	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, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	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\VU120621\
Data File : VU046120.D
Acq On : 06 Dec 2021 18:42
Operator : SY/MD
Sample : M4942-07DL 10X
Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ9DL

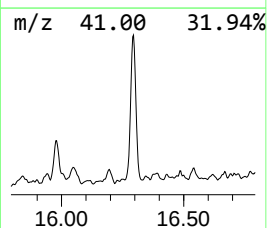
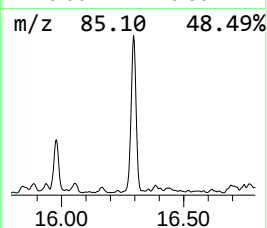
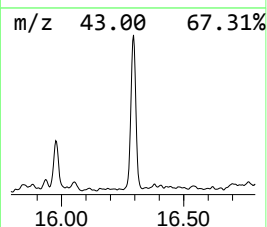
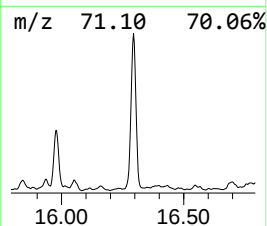
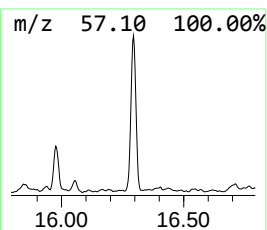
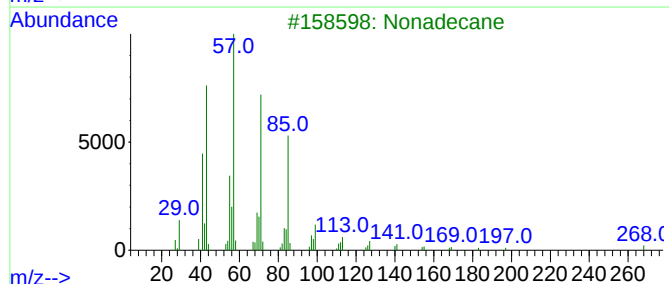
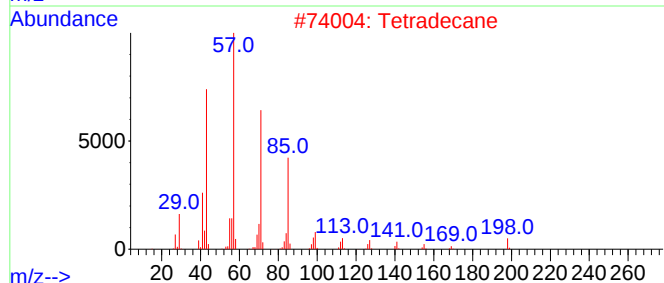
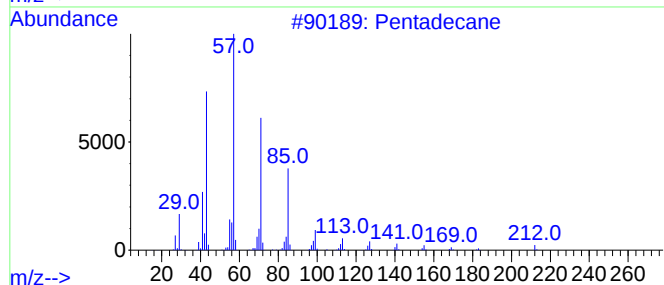
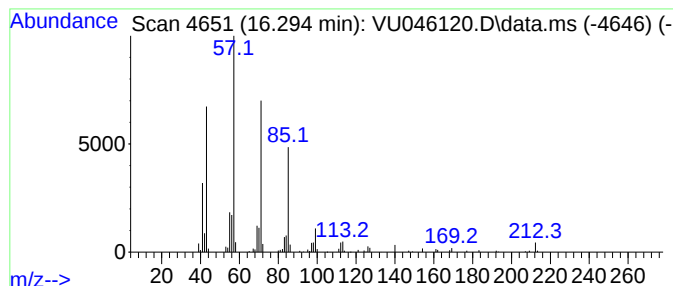
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	11.02 ug/L	150925	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Tetradecane	198	C14H30	000629-59-4	86
3			Nonadecane	268	C19H40	000629-92-5	86
4			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046120.D
 Acq On : 06 Dec 2021 18:42
 Operator : SY/MD
 Sample : M4942-07DL 10X
 Misc : 7.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKQ9DL

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...	9.745	5.0	ug/L	60288	2	9.417	597272	50.0
(DEL) Alkane: S...	10.253	2.9	ug/L	34668	2	9.417	597272	50.0
(DEL) Alkane: S...	10.562	3.2	ug/L	37853	2	9.417	597272	50.0
Benzene, propyl-	10.906	3.0	ug/L	40537	3	11.812	684623	50.0
Benzene, 1-ethy...	10.999	15.1	ug/L	206527	3	11.812	684623	50.0
Benzene, 1-ethy...	11.295	6.1	ug/L	82996	3	11.812	684623	50.0
(DEL) Alkane: S...	11.417	3.9	ug/L	53148	3	11.812	684623	50.0
(DEL) Alkane: C...	11.709	3.4	ug/L	46909	3	11.812	684623	50.0
Benzene, 1-ethy...	11.899	8.9	ug/L	122181	3	11.812	684623	50.0
Benzene, 1-ethe...	12.095	5.8	ug/L	79170	3	11.812	684623	50.0
(DEL) Alkane: S...	12.327	24.4	ug/L	334568	3	11.812	684623	50.0
(DEL) Alkane: S...	13.433	12.6	ug/L	172737	3	11.812	684623	50.0
Azulene	14.086	29.2	ug/L	399306	3	11.812	684623	50.0
(DEL) Alkane: S...	14.192	4.7	ug/L	63937	3	11.812	684623	50.0
(DEL) Alkane: S...	14.452	10.2	ug/L	139440	3	11.812	684623	50.0
(DEL) Alkane: S...	15.404	28.3	ug/L	387513	3	11.812	684623	50.0
Naphthalene, 2,...	16.265	3.6	ug/L	49816	3	11.812	684623	50.0
(DEL) Alkane: S...	16.294	11.0	ug/L	150925	3	11.812	684623	50.0