

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
 Data File : VU048368.D
 Acq On : 02 May 2022 15:09
 Operator : SY/MD
 Sample : N2603-09ME
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW490ME

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\SFAMULM042522WMA.M
 Title : VOC Analysis

Signal : TIC: VU048368.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.482	32	44	50	rBV3	12140	25698	0.88%	0.129%
2	1.597	73	80	87	rBV	100941	173376	5.94%	0.870%
3	1.787	122	139	141	rBV7	19389	38412	1.32%	0.193%
4	1.822	144	150	151	rBV6	10266	8640	0.30%	0.043%
5	1.851	151	159	163	rBV	68733	90169	3.09%	0.452%
6	2.314	299	303	305	rBV4	1762	1537	0.05%	0.008%
7	2.530	353	370	386	rBV	404640	751090	25.72%	3.768%
8	2.961	494	504	508	rBV6	1984	3424	0.12%	0.017%
9	3.028	516	525	529	rBV5	3036	4947	0.17%	0.025%
10	3.176	555	571	592	rBV	19837	51290	1.76%	0.257%
11	3.327	614	618	624	rVB5	669	676	0.02%	0.003%
12	3.668	719	724	728	rVV4	1042	1404	0.05%	0.007%
13	4.639	1010	1026	1103	rBV	209575	927009	31.74%	4.650%
14	5.063	1139	1158	1192	rBV	456728	1158037	39.65%	5.809%
15	5.340	1237	1244	1247	rBV3	826	1152	0.04%	0.006%
16	5.372	1251	1254	1261	rVB6	1049	1097	0.04%	0.006%
17	5.716	1340	1361	1390	rBV2	1163464	2920653	100.00%	14.651%
18	5.980	1429	1443	1470	rVV3	15024	42634	1.46%	0.214%
19	6.115	1479	1485	1487	rBV3	1165	939	0.03%	0.005%
20	6.176	1496	1504	1508	rBV3	919	1215	0.04%	0.006%
21	6.247	1513	1526	1549	rVB2	113566	239114	8.19%	1.199%
22	6.523	1601	1612	1626	rBV6	7163	15890	0.54%	0.080%
23	6.604	1626	1637	1649	rBV4	6062	13771	0.47%	0.069%
24	6.690	1649	1664	1692	rVB	615871	1345024	46.05%	6.747%
25	6.951	1734	1745	1747	rBV2	827	1127	0.04%	0.006%
26	6.983	1752	1755	1763	rVB4	667	806	0.03%	0.004%
27	7.063	1768	1780	1790	rBV7	1776	4247	0.15%	0.021%
28	7.202	1804	1823	1826	rBV4	9171	19362	0.66%	0.097%
29	7.494	1906	1914	1922	rVV7	3442	5458	0.19%	0.027%
30	7.568	1922	1937	1959	rBV	319270	675465	23.13%	3.388%
31	7.697	1972	1977	1988	rVB5	2167	3401	0.12%	0.017%
32	7.790	1997	2006	2007	rBV4	1973	1883	0.06%	0.009%
33	7.899	2024	2040	2057	rBV	1259778	2391923	81.90%	11.999%
34	8.128	2103	2111	2116	rBV5	3828	5347	0.18%	0.027%
35	8.182	2116	2128	2156	rVB	205323	469253	16.07%	2.354%
36	8.359	2174	2183	2191	rBV8	2112	4052	0.14%	0.020%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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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\SFAMULM042522WMA.M
 Title : VOC Analysis

37	8.536	2228	2238	2244	rBV6	2164	3201	0.11%	0.016%
38	8.661	2258	2277	2312	rBV	816250	1962439	67.19%	9.844%
39	8.922	2348	2358	2370	rBV4	8355	16014	0.55%	0.080%
40	9.063	2395	2402	2403	rBV4	2153	1837	0.06%	0.009%
41	9.118	2413	2419	2425	rBV6	1959	2592	0.09%	0.013%
42	9.166	2426	2434	2441	rVV9	3528	6518	0.22%	0.033%
43	9.211	2441	2448	2459	rVB3	6830	11148	0.38%	0.056%
44	9.333	2477	2486	2494	rBV2	6415	10214	0.35%	0.051%
45	9.423	2498	2514	2538	rBV	154390	320193	10.96%	1.606%
46	9.568	2548	2559	2561	rBV6	1353	1754	0.06%	0.009%
47	9.661	2577	2588	2591	rBV7	2868	4493	0.15%	0.023%
48	9.700	2593	2600	2605	rVV8	3451	6180	0.21%	0.031%
49	9.745	2605	2614	2627	rVB2	14516	23579	0.81%	0.118%
50	9.790	2627	2628	2635	rVB2	1002	797	0.03%	0.004%
51	9.874	2647	2654	2663	rVB4	2219	3604	0.12%	0.018%
52	9.960	2677	2681	2690	rVB4	753	884	0.03%	0.004%
53	10.018	2690	2699	2708	rBV6	3911	6492	0.22%	0.033%
54	10.121	2719	2731	2740	rBV9	2966	6879	0.24%	0.035%
55	10.250	2760	2771	2785	rBV4	11717	20489	0.70%	0.103%
56	10.317	2789	2792	2796	rBV4	1190	1098	0.04%	0.006%
57	10.353	2798	2803	2804	rBV4	1619	1397	0.05%	0.007%
58	10.394	2809	2816	2828	rVB4	10156	17002	0.58%	0.085%
59	10.475	2828	2841	2853	rVB8	2640	5882	0.20%	0.030%
60	10.529	2853	2858	2859	rBV4	2881	1941	0.07%	0.010%
61	10.558	2860	2867	2875	rVB6	2956	4943	0.17%	0.025%
62	10.623	2879	2887	2892	rBV5	7550	10961	0.38%	0.055%
63	10.767	2915	2932	2959	rBV	1163194	1947077	66.67%	9.767%
64	10.867	2959	2963	2964	rBV3	1085	701	0.02%	0.004%
65	10.947	2985	2988	2992	rVB4	1312	1103	0.04%	0.006%
66	11.015	3006	3009	3011	rBV3	1514	1148	0.04%	0.006%
67	11.063	3017	3024	3029	rBV4	4142	5764	0.20%	0.029%
68	11.115	3031	3040	3057	rVV2	51190	85528	2.93%	0.429%
69	11.195	3061	3065	3076	rVB8	2927	5178	0.18%	0.026%
70	11.311	3093	3101	3110	rBV10	5793	10652	0.36%	0.053%
71	11.378	3115	3122	3125	rVV7	3913	5910	0.20%	0.030%
72	11.417	3126	3134	3141	rVV	40502	57611	1.97%	0.289%
73	11.462	3142	3148	3172	rVB	11617	34157	1.17%	0.171%
74	11.578	3172	3184	3190	rBV10	5325	12107	0.41%	0.061%
75	11.642	3197	3204	3215	rVB7	10779	19178	0.66%	0.096%
76	11.703	3215	3223	3232	rBV8	6579	14042	0.48%	0.070%

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Instrument :
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 ClientSampleId :
 EW490ME

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\SFAMULM042522WMA.M
 Title : VOC Analysis

77	11.745	3232	3236	3247	rVV10	4828	8418	0.29%	0.042%
78	11.819	3247	3259	3271	rVV	208367	347910	11.91%	1.745%
79	11.873	3271	3276	3282	rVV3	12164	17237	0.59%	0.086%
80	11.912	3282	3288	3296	rVV3	13720	20903	0.72%	0.105%
81	11.999	3300	3315	3325	rVB6	15233	35677	1.22%	0.179%
82	12.092	3338	3344	3345	rBV6	2067	2043	0.07%	0.010%
83	12.198	3363	3377	3390	rBV	1434417	2337555	80.04%	11.726%
84	12.327	3408	3417	3428	rBV	140402	203517	6.97%	1.021%
85	12.539	3459	3483	3493	rVB	14393	44391	1.52%	0.223%
86	12.668	3512	3523	3531	rBV5	18413	30186	1.03%	0.151%
87	12.947	3592	3610	3622	rBV6	24379	73012	2.50%	0.366%
88	13.005	3623	3628	3635	rVV3	11463	16465	0.56%	0.083%
89	13.047	3635	3641	3652	rVB5	19529	27242	0.93%	0.137%
90	13.134	3661	3668	3677	rVB4	16569	22915	0.78%	0.115%
91	13.356	3732	3737	3745	rVB10	6041	8717	0.30%	0.044%
92	13.430	3751	3760	3783	rBV	160020	269543	9.23%	1.352%
93	13.587	3800	3809	3817	rBV	76923	117865	4.04%	0.591%
94	13.999	3932	3937	3944	rVB3	24953	31240	1.07%	0.157%
95	14.044	3944	3951	3959	rVB7	14993	26922	0.92%	0.135%
96	14.189	3987	3996	4010	rVB3	29114	53357	1.83%	0.268%
97	14.449	4069	4077	4086	rBV	104925	143406	4.91%	0.719%
98	14.648	4134	4139	4144	rBV4	10436	14331	0.49%	0.072%
99	15.401	4368	4373	4380	rVB2	18643	23534	0.81%	0.118%
100	16.439	4692	4696	4704	rBV10	4423	6510	0.22%	0.033%

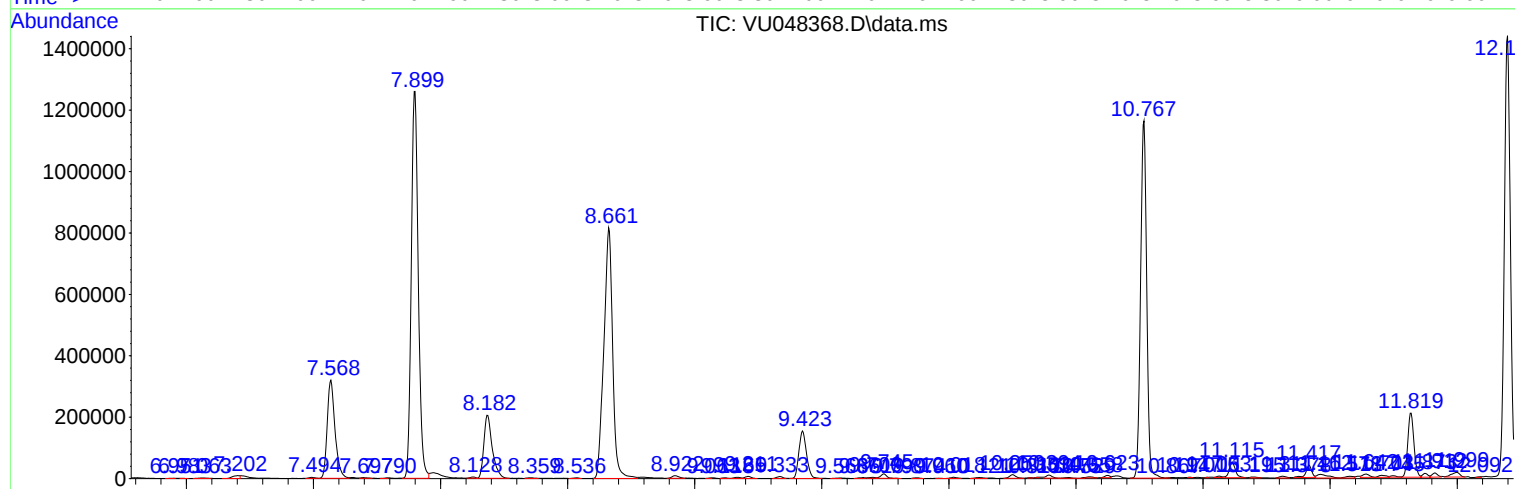
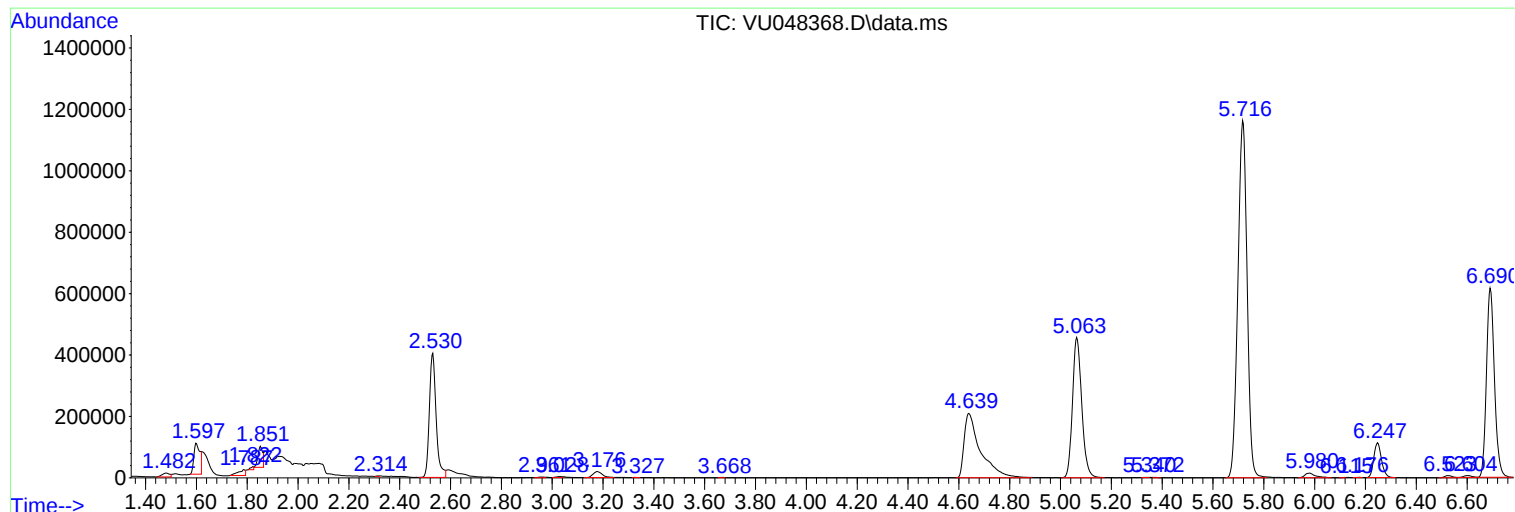
Sum of corrected areas: 19935105

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

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



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Instrument :
MSVOA_U
ClientSampleId :
EW490ME

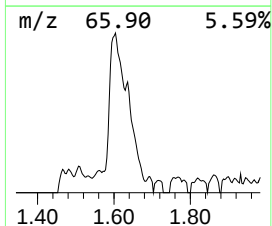
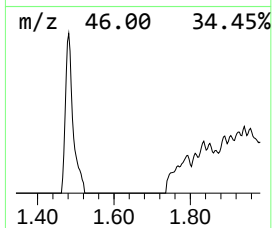
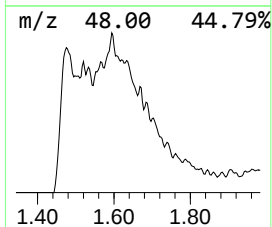
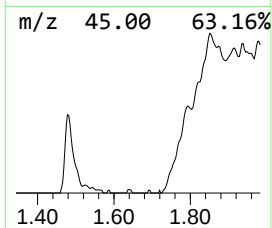
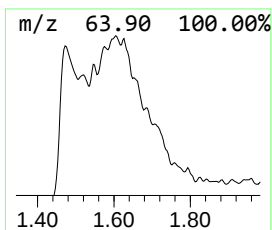
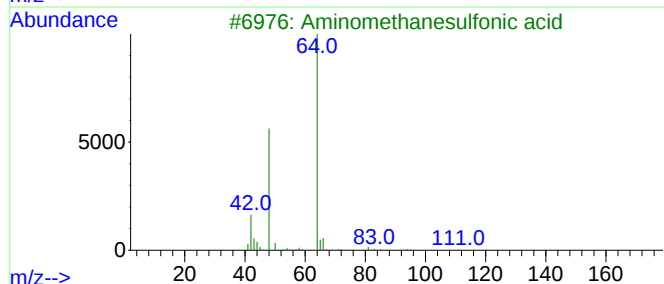
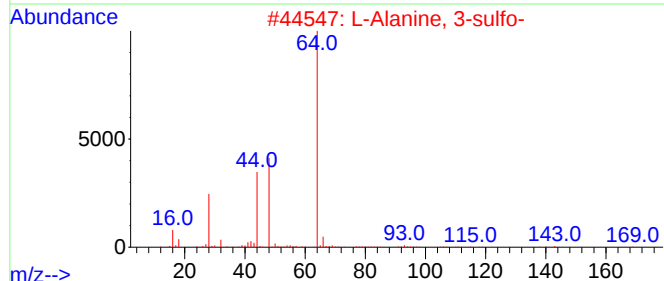
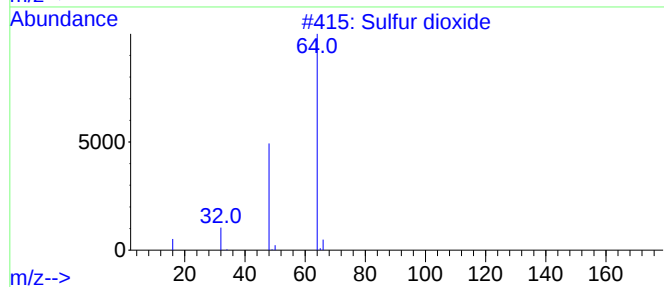
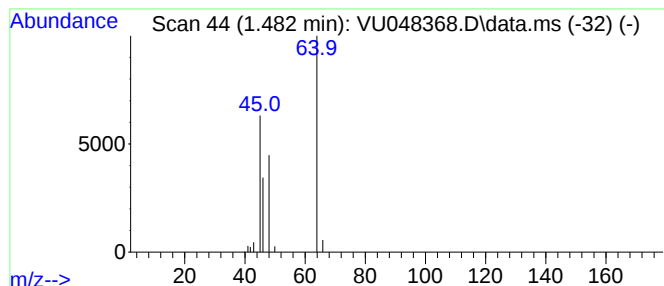
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.482	5.37 ug/L	25698	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	56
2			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	40
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	40
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	40
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7



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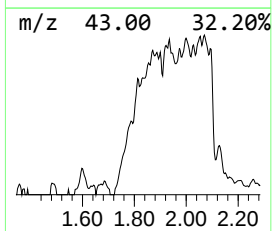
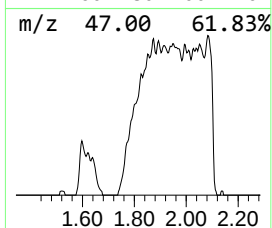
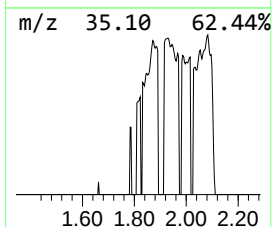
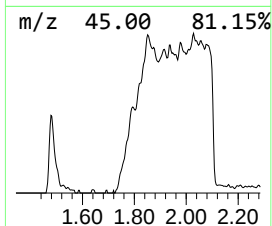
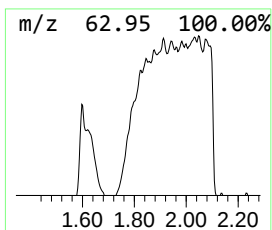
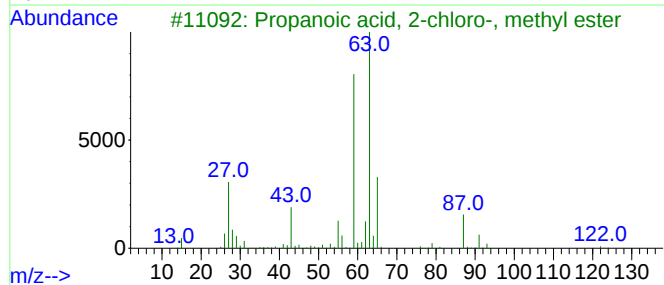
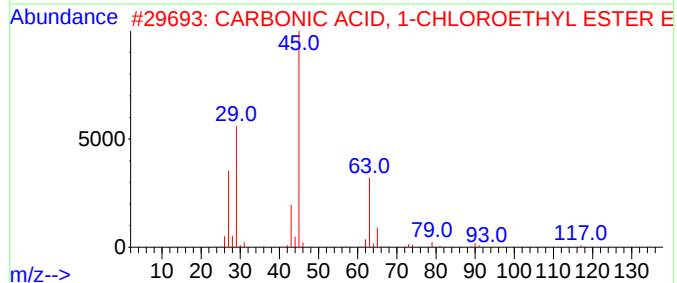
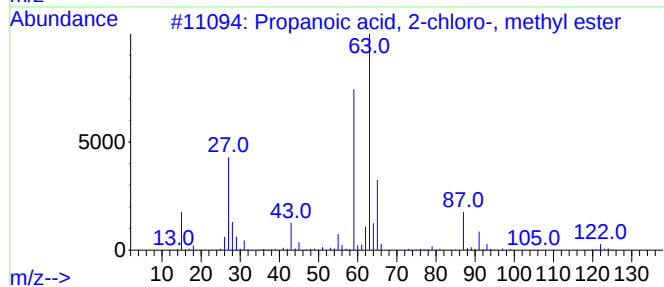
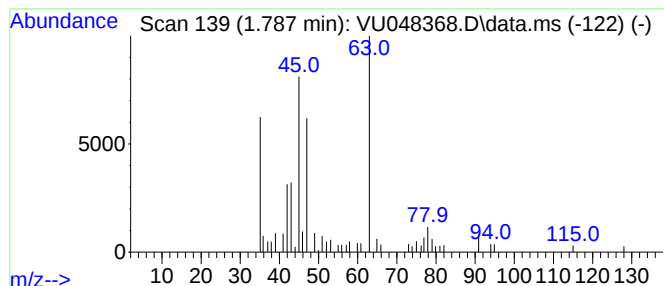
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.787	8.03 ug/L	38412	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	017639-93-9	9
2			CARBONIC ACID, 1-CHLOROETHYL EST...	152	C5H9ClO3	050893-36-2	4
3			Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	017639-93-9	4
4			Dimethyl Sulfoxide	78	C2H6OS	000067-68-5	4
5			Dimethyl Sulfoxide	78	C2H6OS	000067-68-5	4



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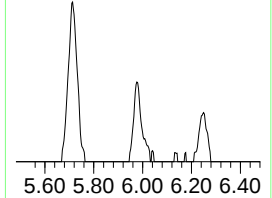
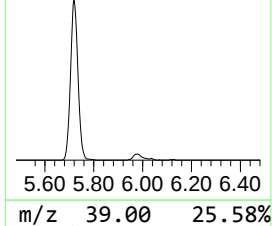
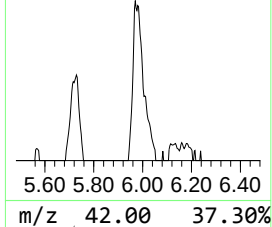
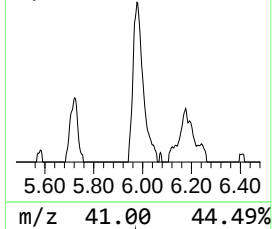
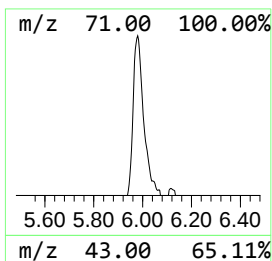
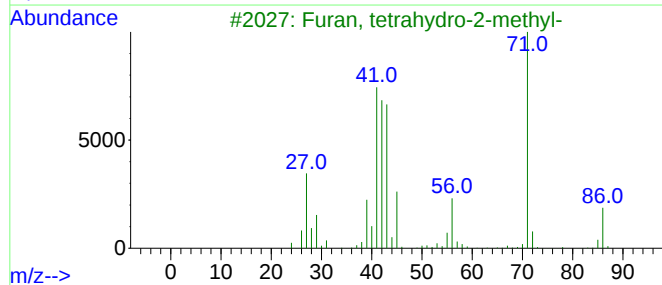
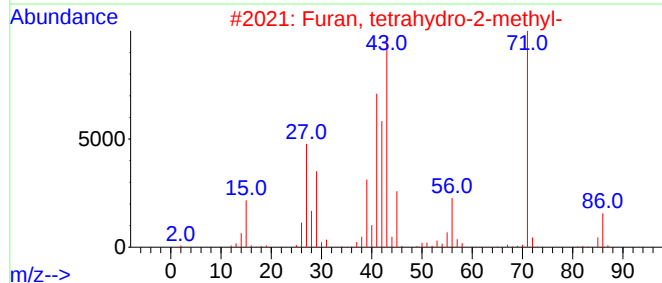
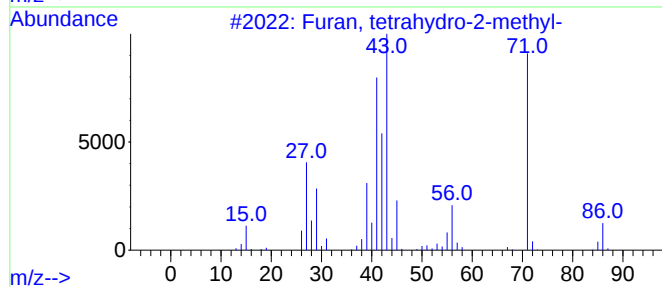
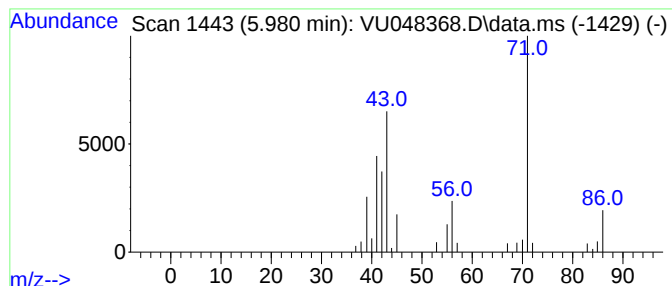
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Quant Title : VOC Analysis

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

Peak Number 4 Furan, tetrahydro-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.980	8.91 ug/L	42634	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	90
2			Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	86
3			Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	53
4			Pentane, 2-methyl-	86	C6H14	000107-83-5	50
5			Prenol	86	C5H10O	000556-82-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

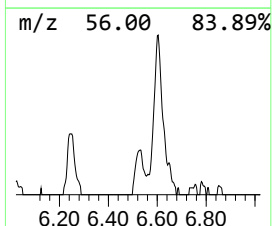
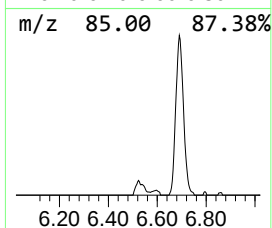
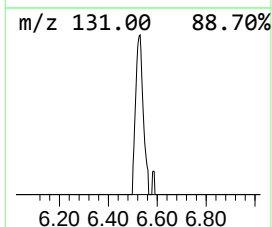
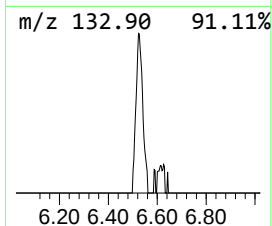
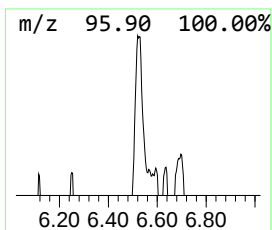
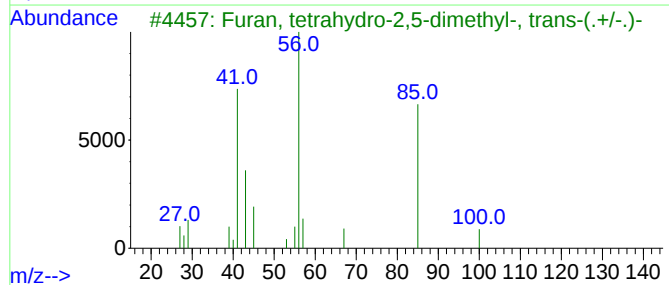
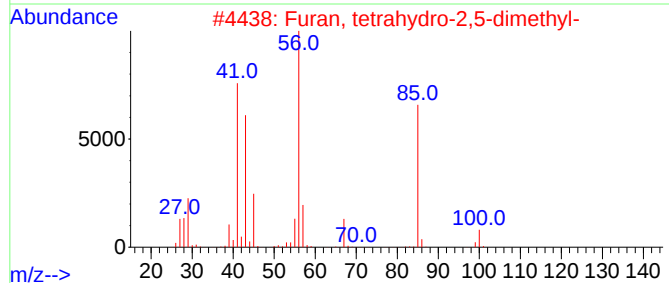
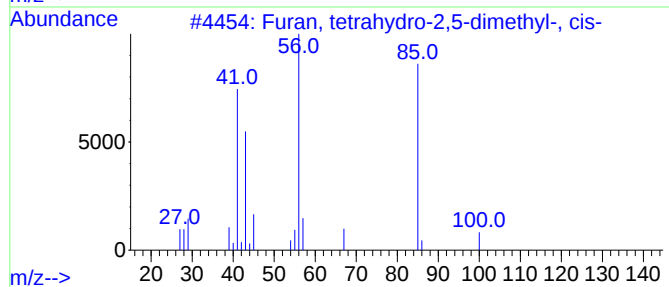
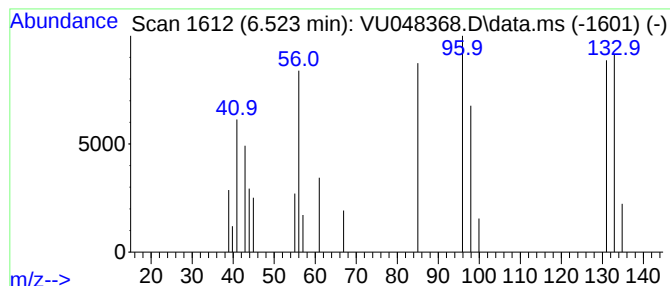
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Quant Title : VOC Analysis

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

Peak Number 5 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.523	3.32 ug/L	15890	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	22
2			Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	22
3			Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	038484-59-2	22
4			Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	22
5			2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

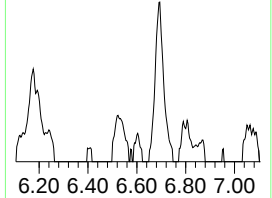
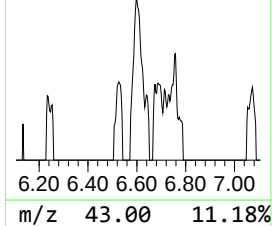
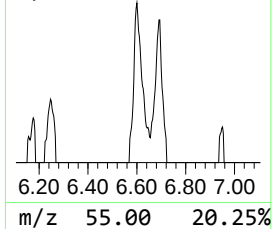
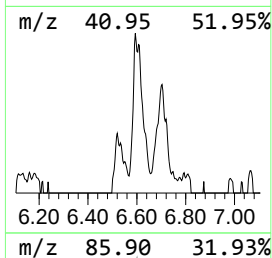
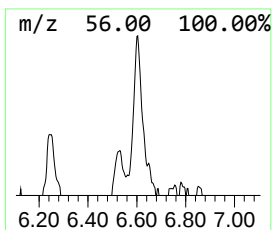
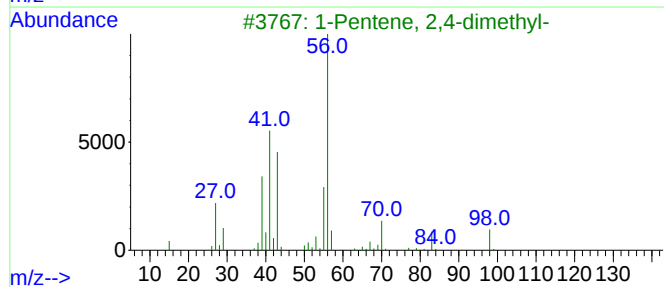
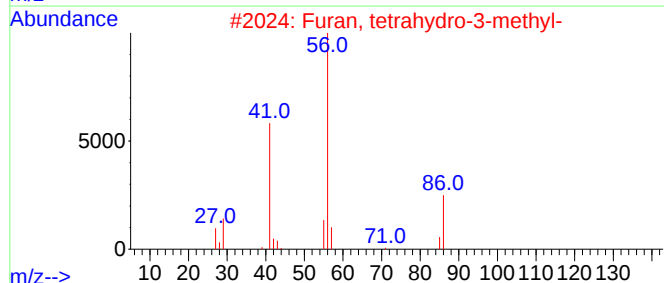
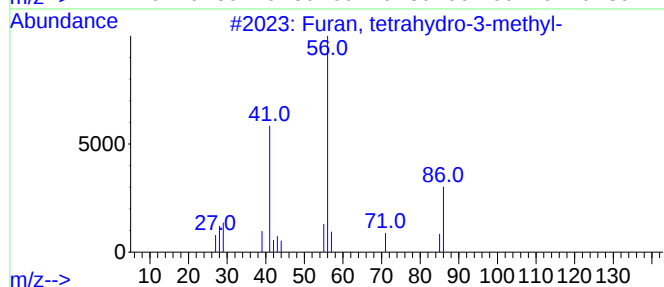
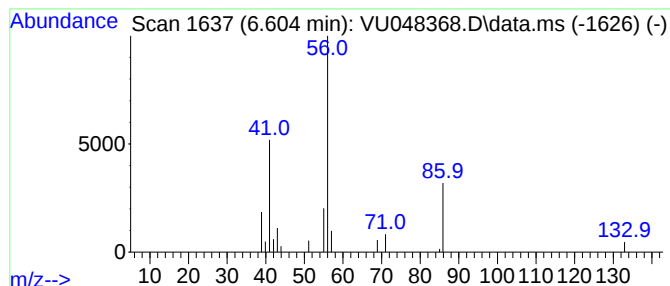
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Quant Title : VOC Analysis

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

Peak Number 6 Furan, tetrahydro-3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.604	2.88 ug/L	13771	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	80
2			Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	64
3			1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	36
4			Oxetane, 2,3,4-trimethyl-	100	C6H12O	053778-61-3	36
5			1-Hexene, 2-methyl-	98	C7H14	006094-02-6	36



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

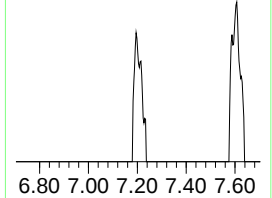
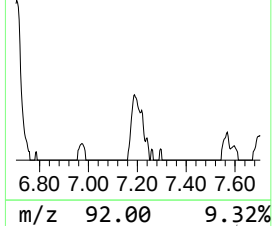
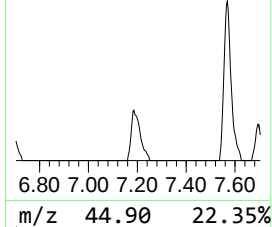
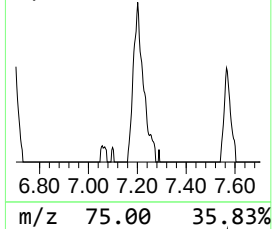
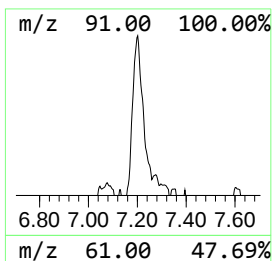
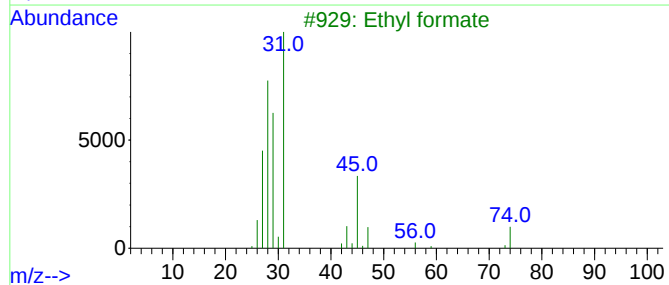
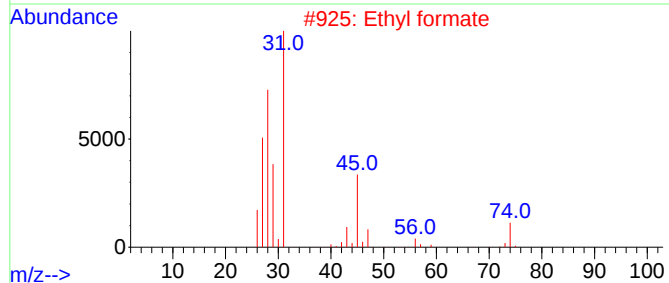
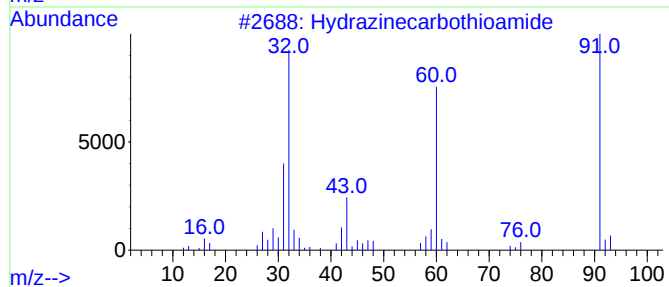
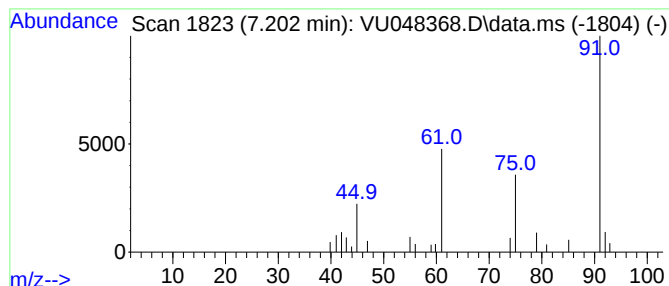
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Quant Title : VOC Analysis

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

Peak Number 7 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.202	4.05 ug/L	19362	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydrazinecarbothioamide	91	CH5N3S	000079-19-6	9
2			Ethyl formate	74	C3H6O2	000109-94-4	9
3			Ethyl formate	74	C3H6O2	000109-94-4	9
4			Methane, nitro-	61	CH3NO2	000075-52-5	5
5			Methane, nitro-	61	CH3NO2	000075-52-5	5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
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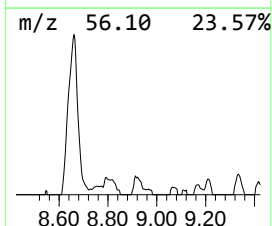
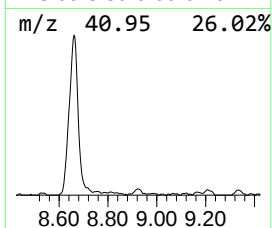
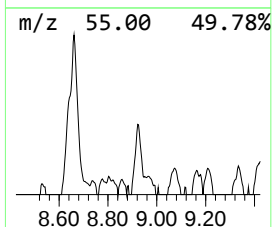
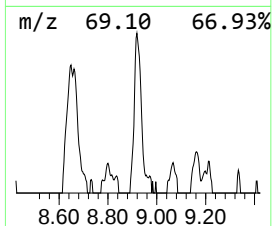
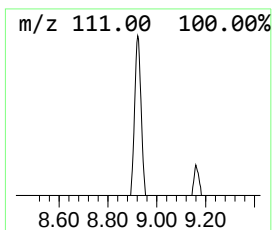
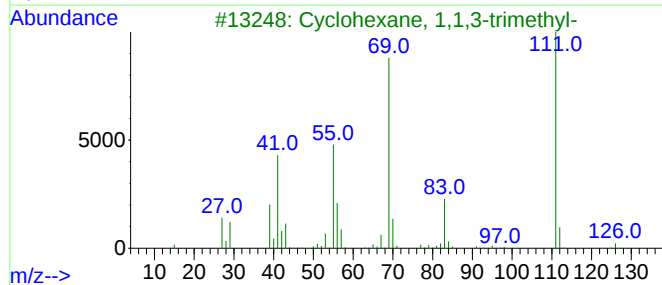
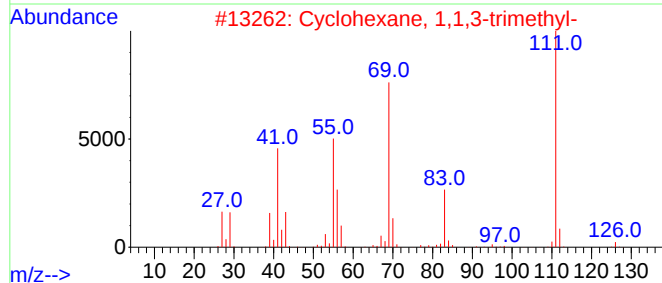
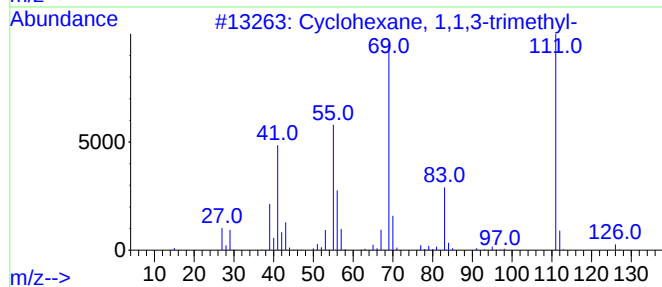
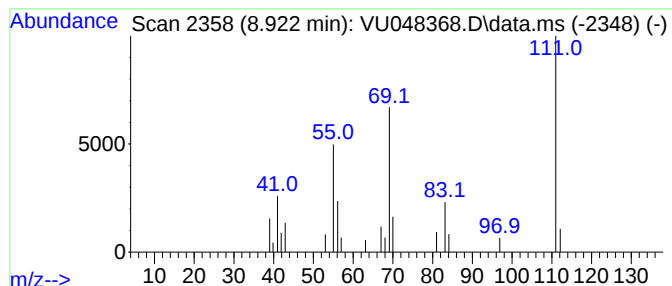
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TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic8.922 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	2.50 ug/L	16014	Chlorobenzene-d5	9.423

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
5			Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

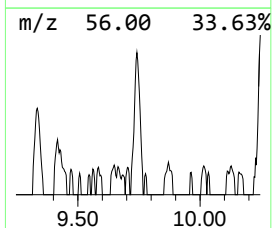
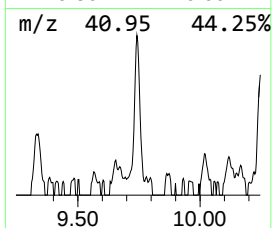
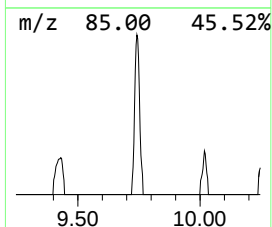
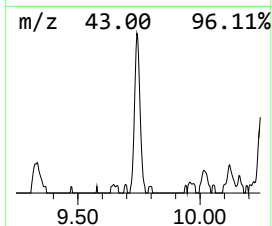
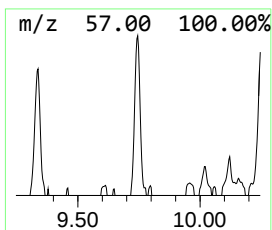
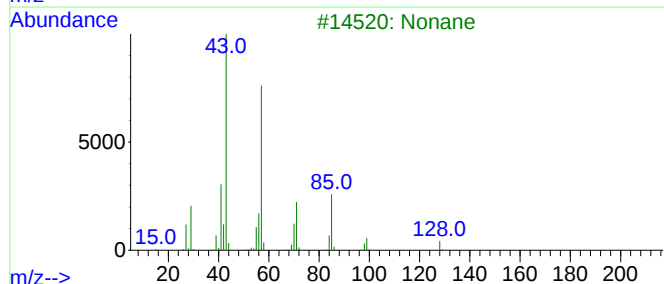
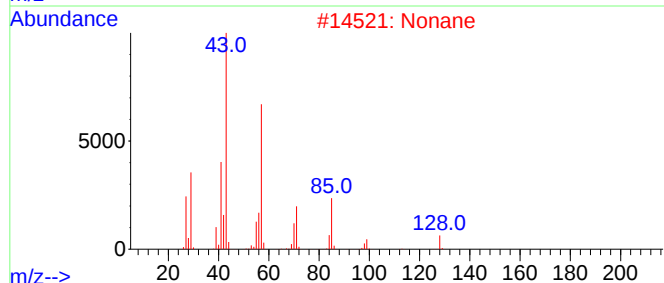
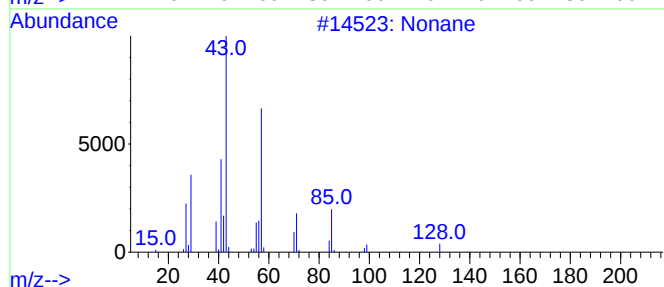
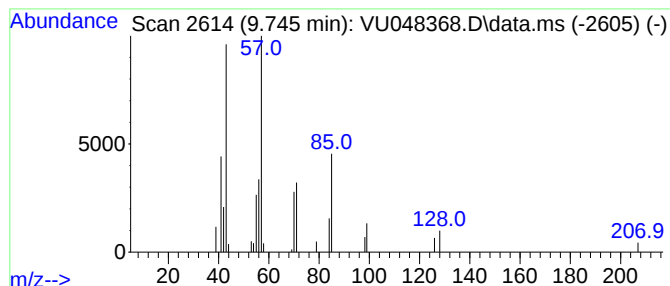
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	3.68 ug/L	23579	Chlorobenzene-d5	9.423

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	90
2	Nonane			128	C9H20	000111-84-2	87
3	Nonane			128	C9H20	000111-84-2	86
4	Nonane			128	C9H20	000111-84-2	80
5	Decane			142	C10H22	000124-18-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

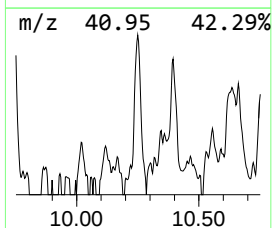
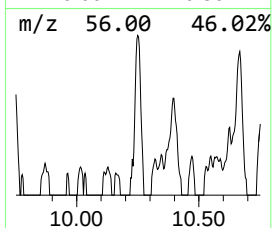
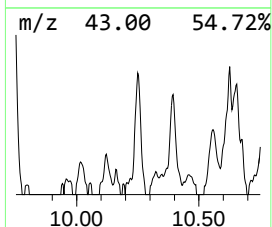
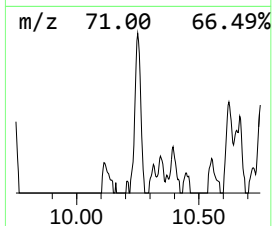
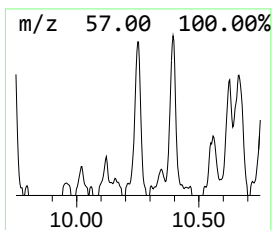
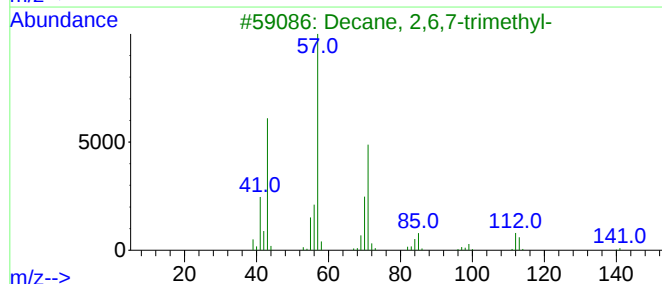
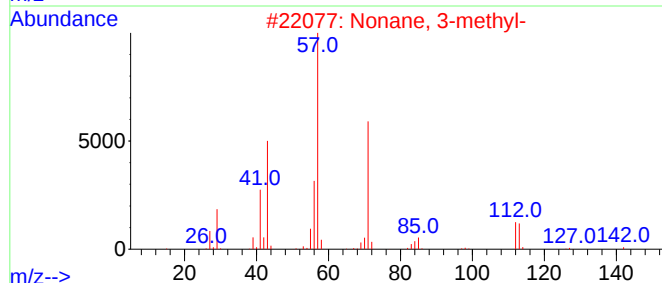
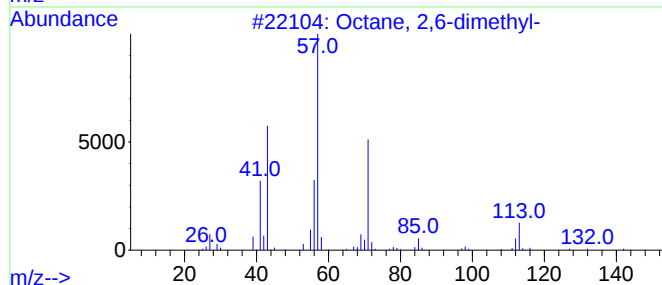
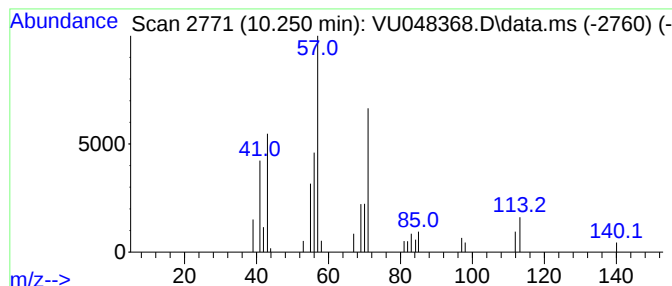
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.250	3.20 ug/L	20489	Chlorobenzene-d5	9.423

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

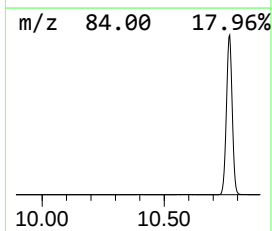
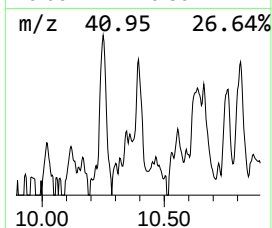
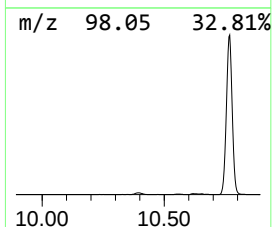
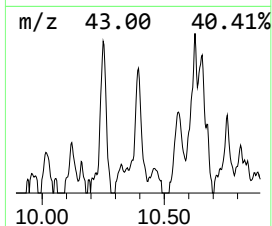
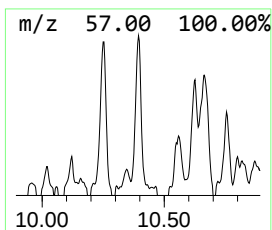
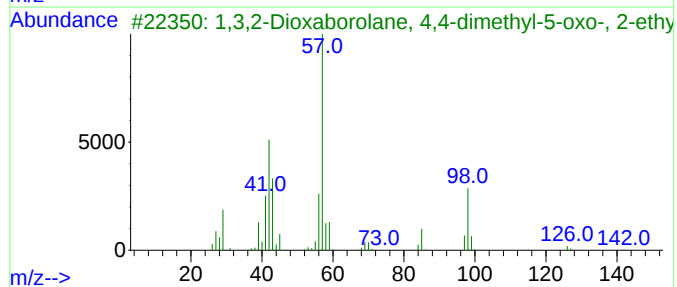
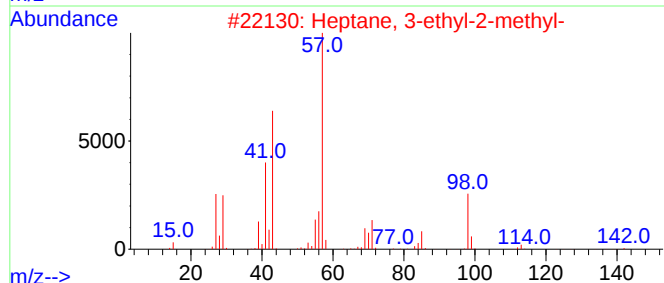
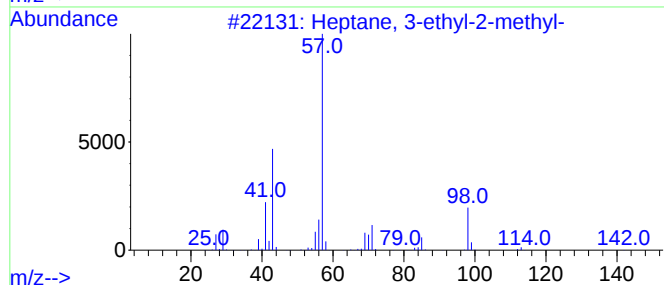
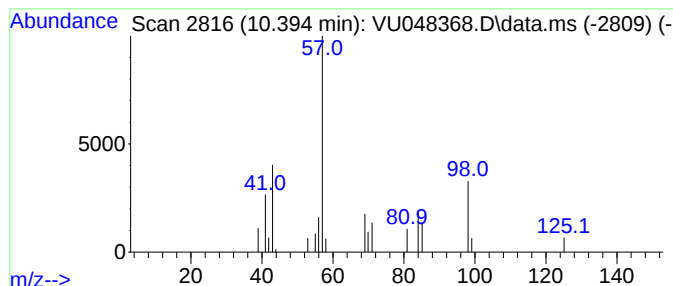
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.394	2.65 ug/L	17002	Chlorobenzene-d5	9.423

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
3			1,3,2-Dioxaborolane, 4,4-dimethyl...	142	C6H11B03	1000063-89-2	50
4			Undecane, 6-methyl-	170	C12H26	017302-33-9	50
5			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

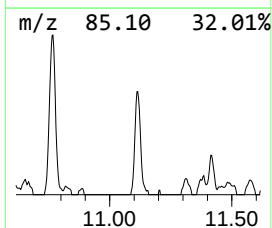
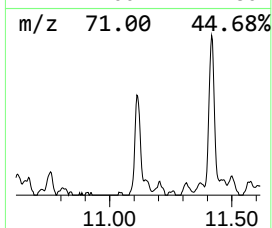
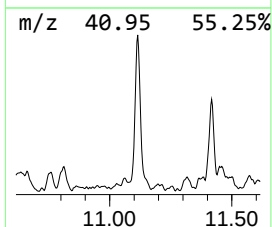
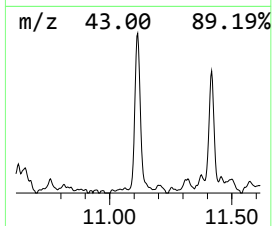
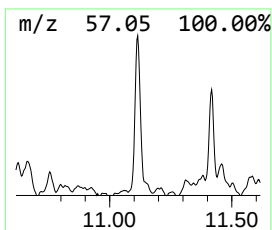
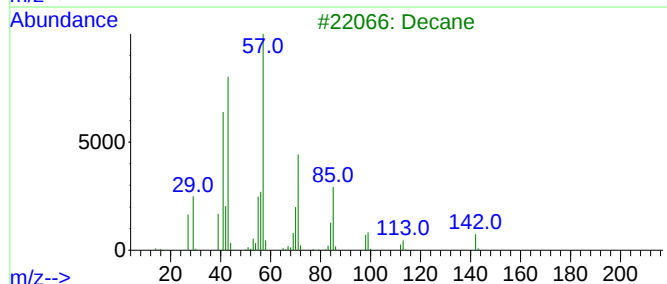
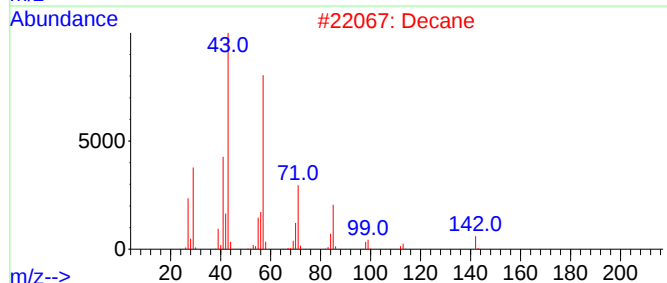
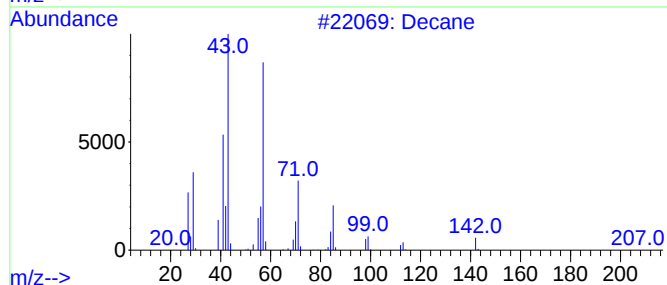
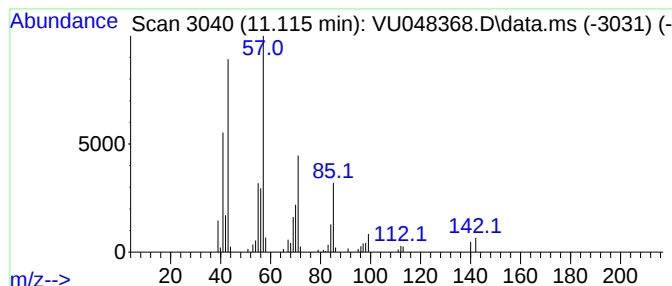
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.115	12.29 ug/L	85528	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	90
2	Decane			142	C10H22	000124-18-5	90
3	Decane			142	C10H22	000124-18-5	87
4	Decane			142	C10H22	000124-18-5	74
5	Octane			114	C8H18	000111-65-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

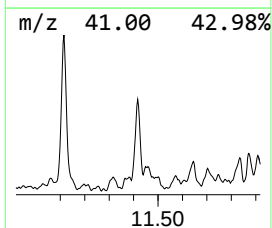
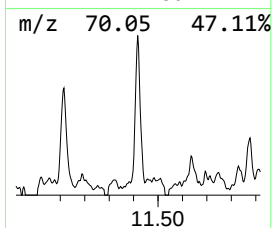
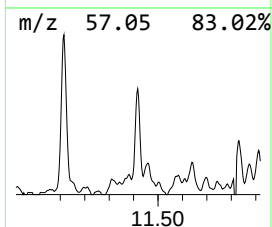
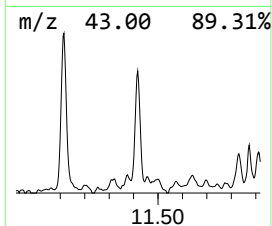
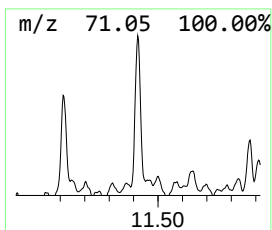
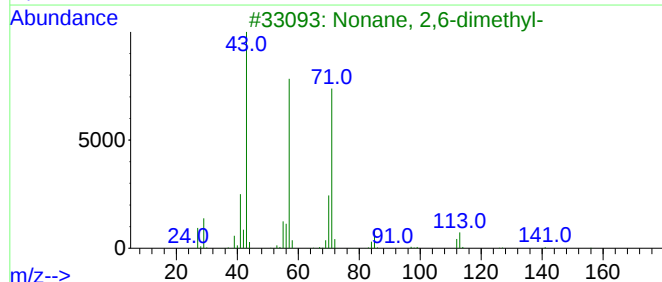
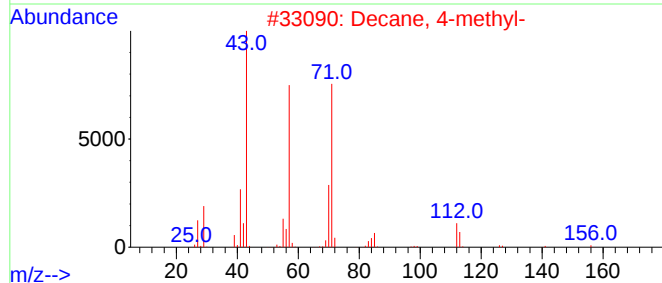
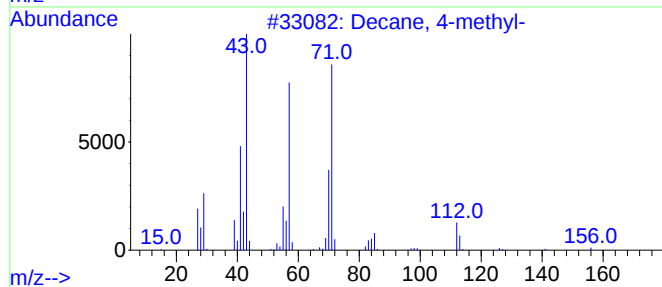
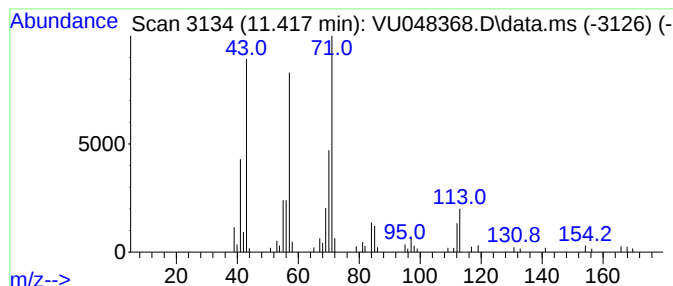
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.417	8.28 ug/L	57611	1,4-Dichlorobenzene-d4	11.819

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-methyl-	156	C11H24	002847-72-5	80
2		Decane, 4-methyl-	156	C11H24	002847-72-5	80
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	74
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
5		Decane, 4-methyl-	156	C11H24	002847-72-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

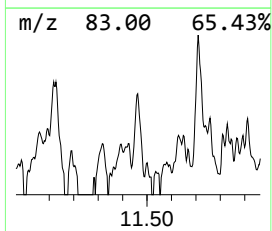
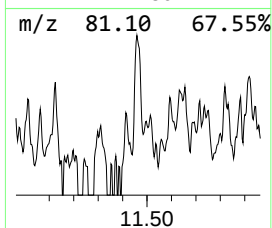
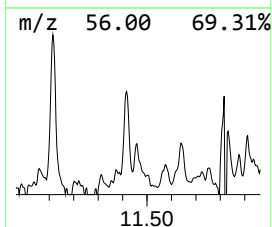
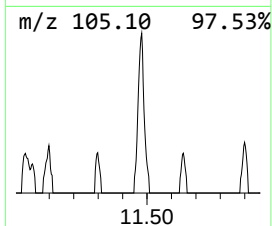
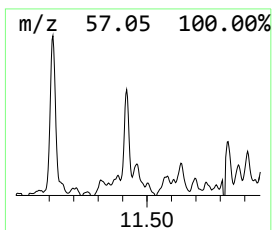
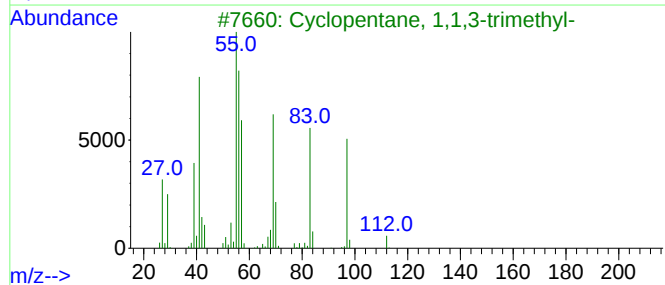
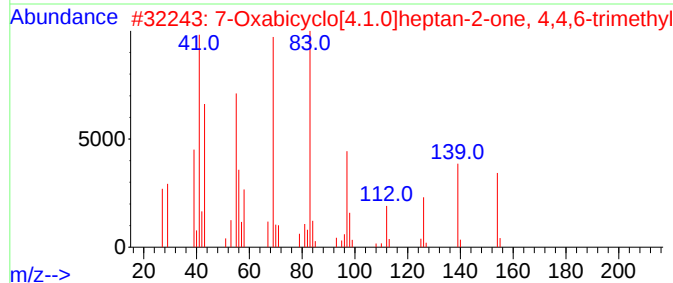
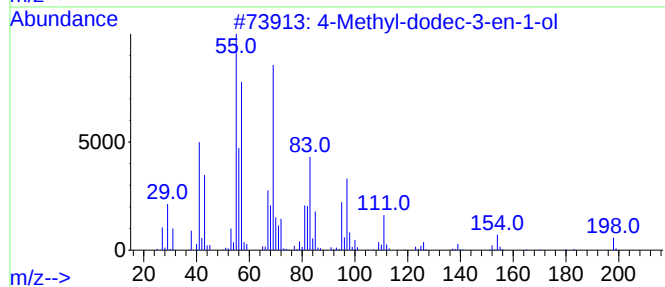
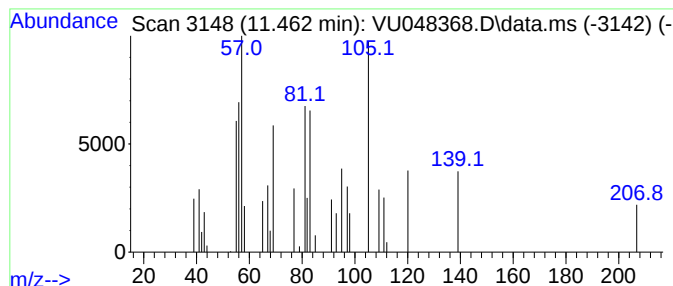
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Quant Title : VOC Analysis

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

Peak Number 15 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.462	4.91 ug/L	34157	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methyl-dodec-3-en-1-ol	198	C13H26O	156992-84-6	25
2			7-Oxabicyclo[4.1.0]heptan-2-one,...	154	C9H14O2	010276-21-8	22
3			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	22
4			1-Heneicosanol	312	C21H44O	015594-90-8	16
5			Cyclododecane	168	C12H24	000294-62-2	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

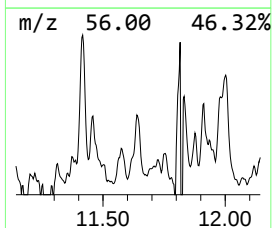
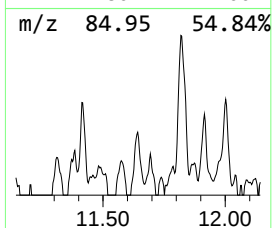
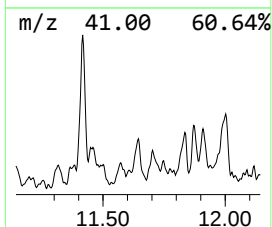
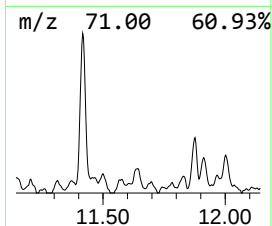
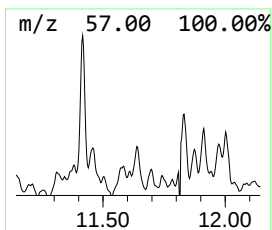
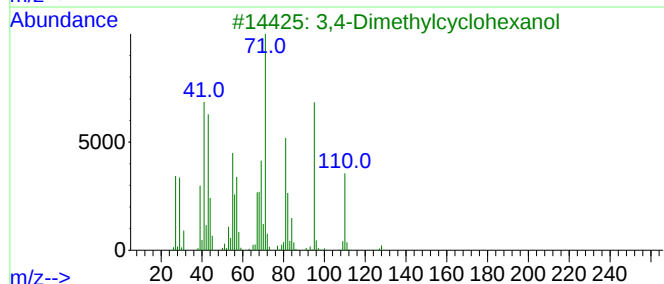
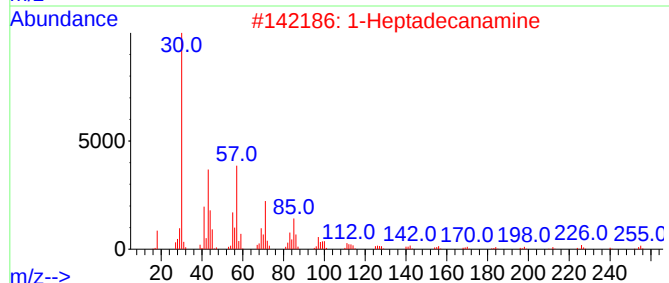
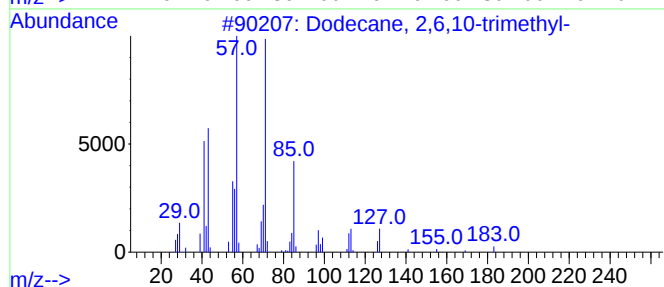
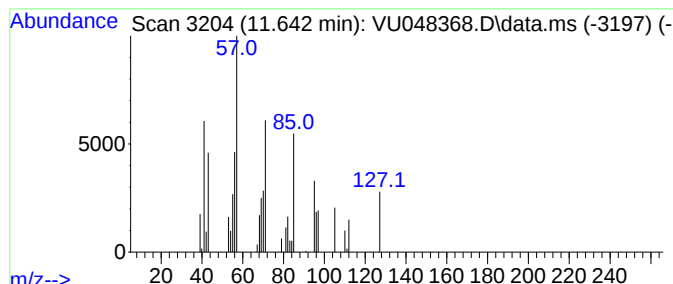
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.642	2.76 ug/L	19178	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	37
2			1-Heptadecanamine	255	C17H37N	004200-95-7	25
3			3,4-Dimethylcyclohexanol	128	C8H16O	005715-23-1	22
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	22
5			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

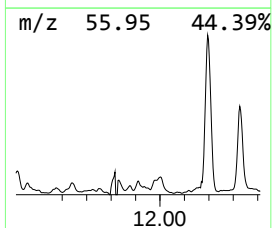
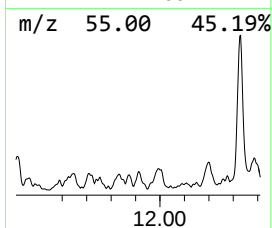
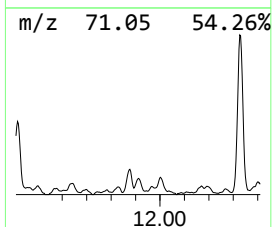
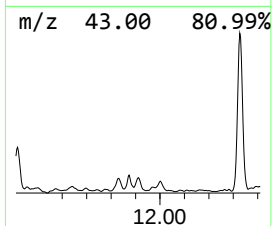
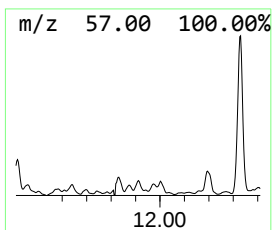
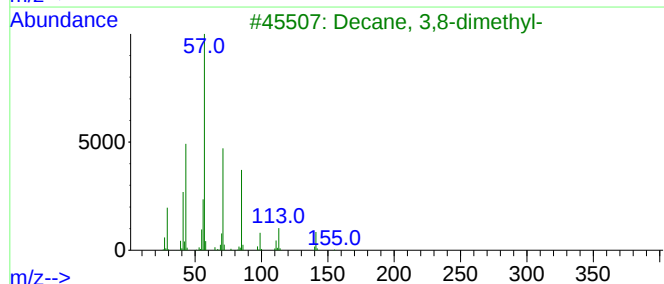
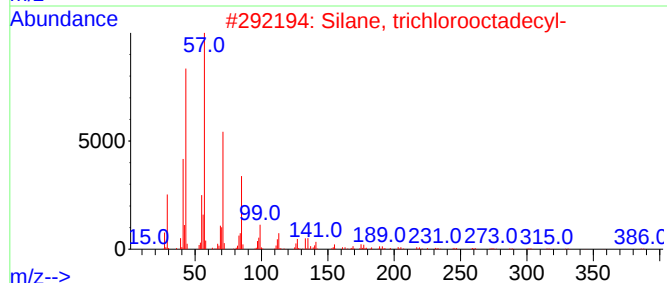
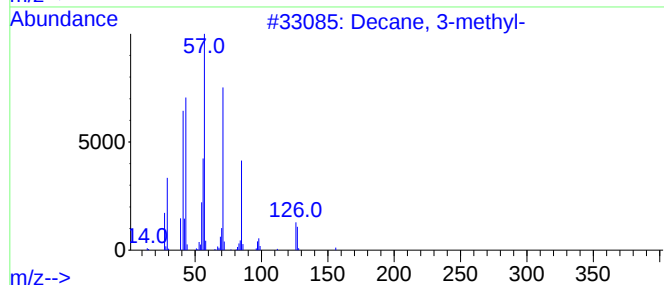
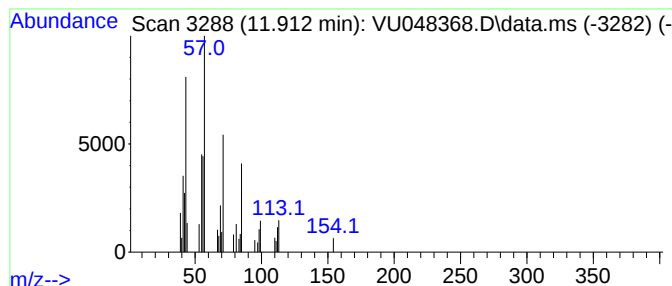
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.912	3.00 ug/L	20903	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	59
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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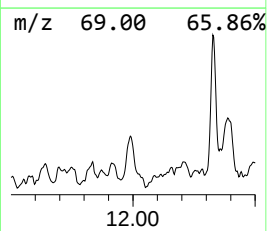
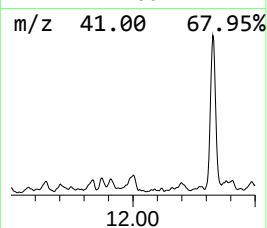
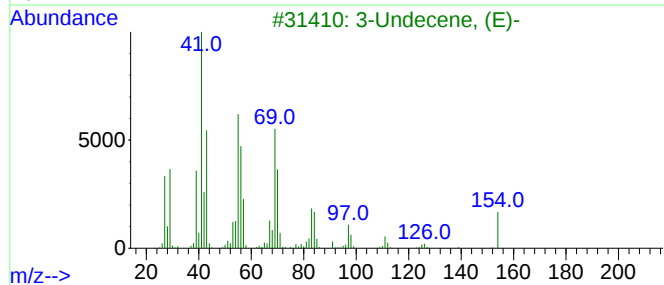
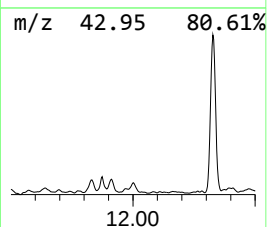
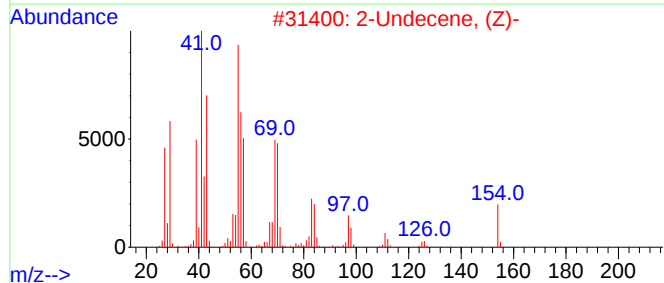
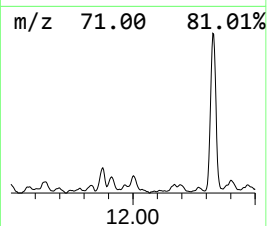
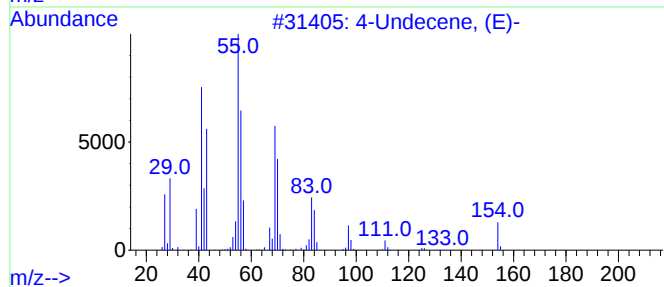
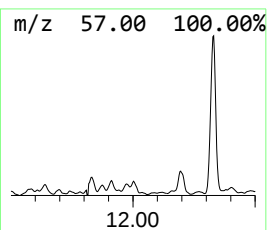
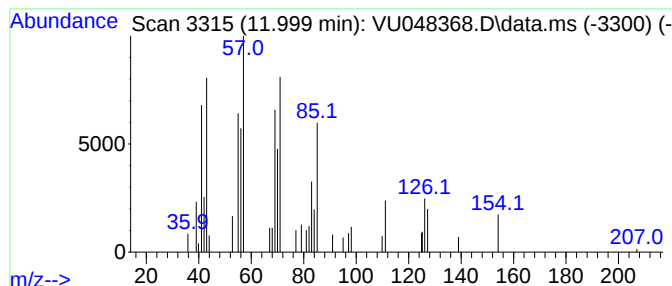
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.999	5.13 ug/L	35677	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, (E)-			154	C11H22	000693-62-9	38
2	2-Undecene, (Z)-			154	C11H22	000821-96-5	38
3	3-Undecene, (E)-			154	C11H22	001002-68-2	38
4	3-Undecene, (Z)-			154	C11H22	000821-97-6	38
5	3-Undecene, (Z)-			154	C11H22	000821-97-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

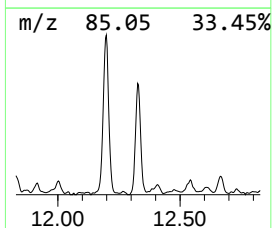
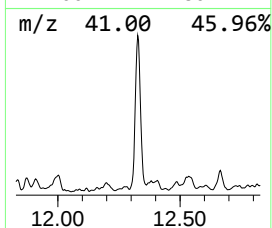
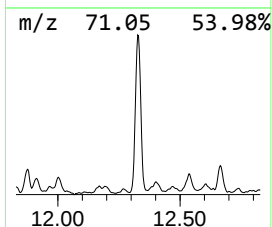
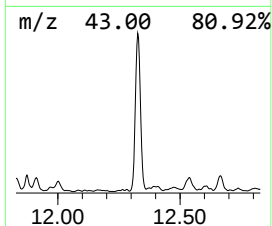
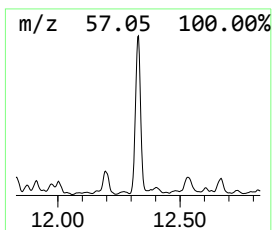
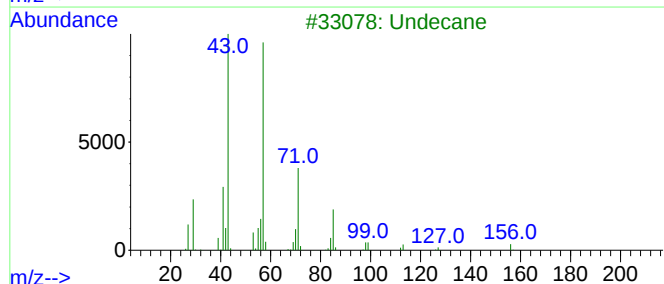
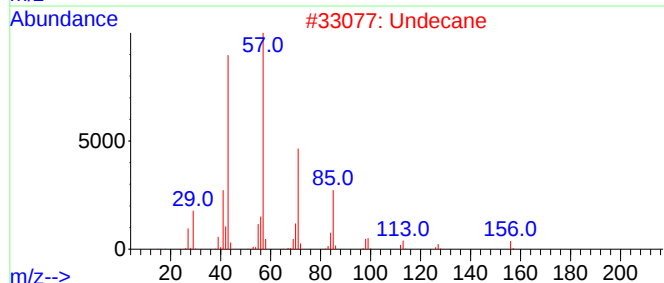
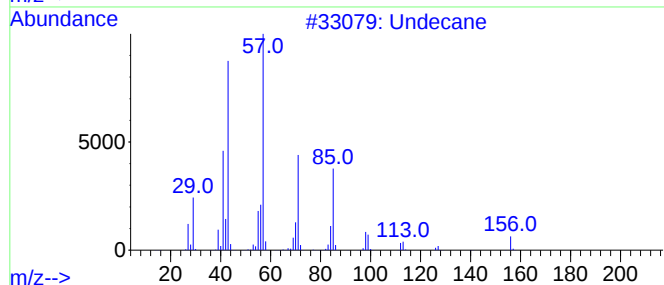
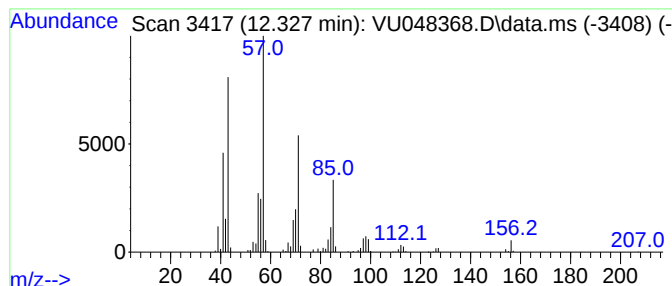
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	29.25 ug/L	203517	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	93
2	Undecane			156	C11H24	001120-21-4	81
3	Undecane			156	C11H24	001120-21-4	81
4	Decane			142	C10H22	000124-18-5	78
5	Undecane			156	C11H24	001120-21-4	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

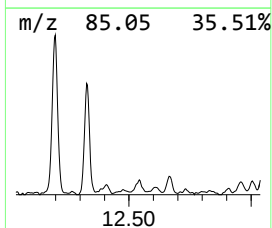
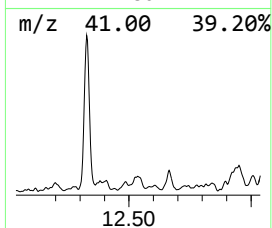
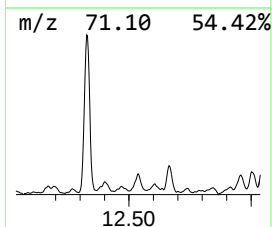
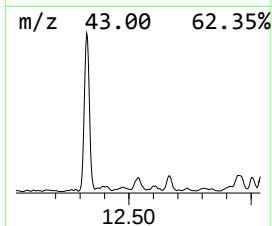
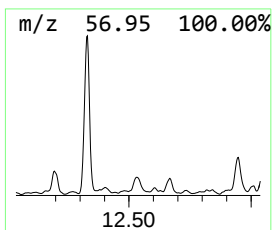
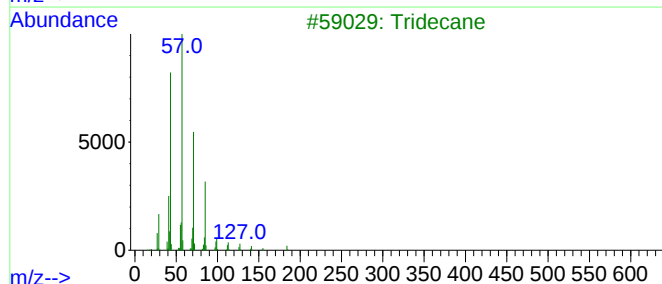
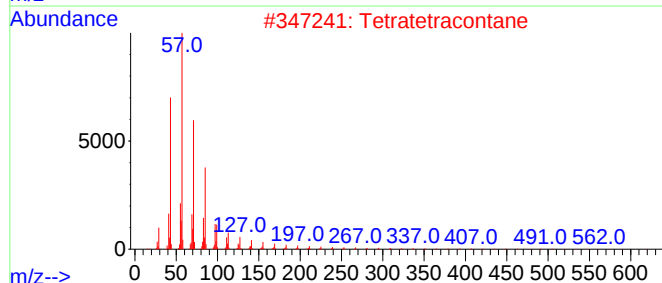
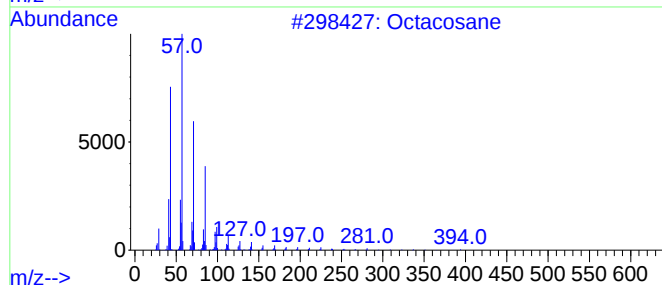
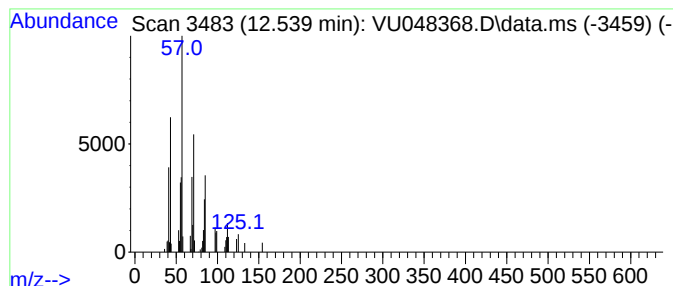
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	6.38 ug/L	44391	1,4-Dichlorobenzene-d4	11.819

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	53
2		Tetratetracontane	619	C44H90	007098-22-8	53
3		Tridecane	184	C13H28	000629-50-5	53
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
5		Hexatriacontane	507	C36H74	000630-06-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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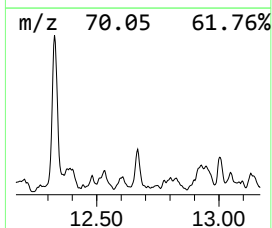
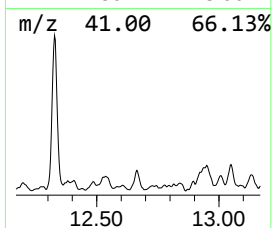
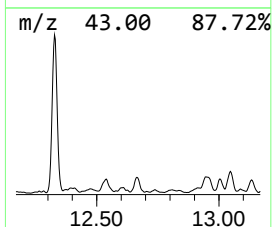
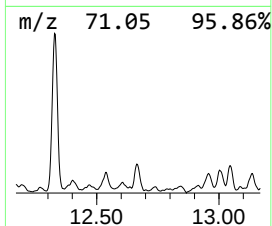
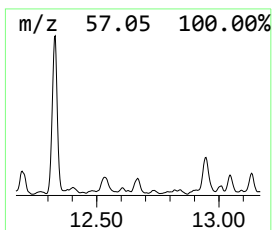
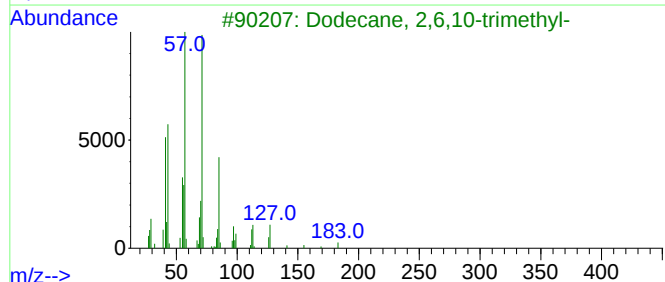
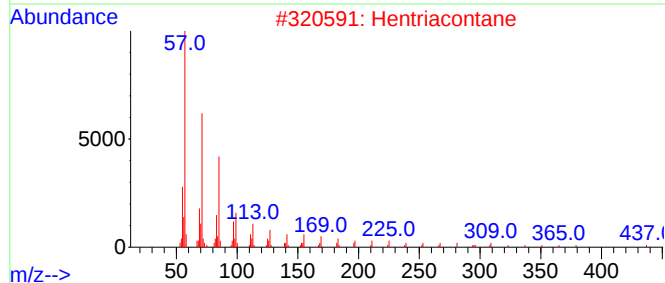
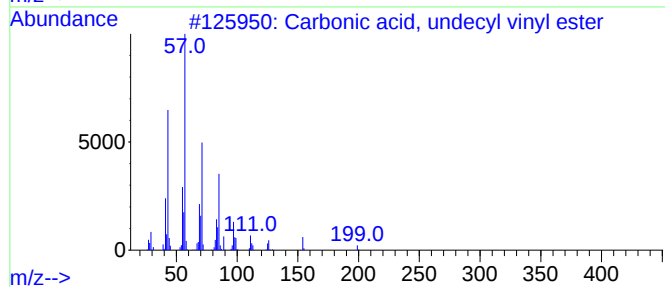
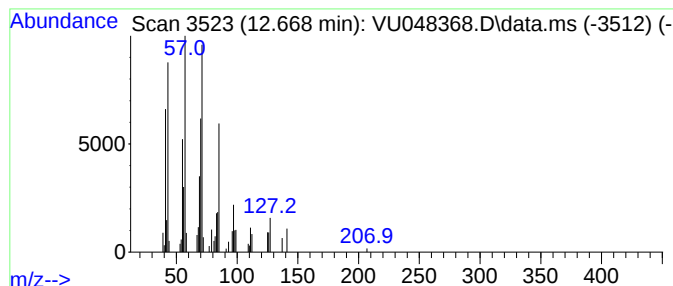
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Quant Title : VOC Analysis

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

Peak Number 21 Carbonic acid, undecyl vinyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.668	4.34 ug/L	30186	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	64
2			Hentriacontane	437	C31H64	000630-04-6	64
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
4			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	53
5			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

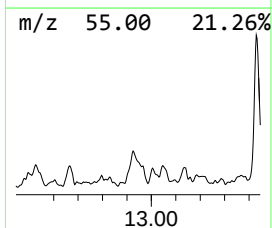
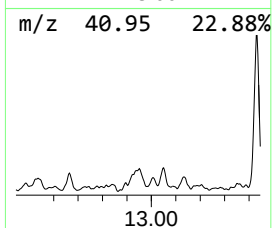
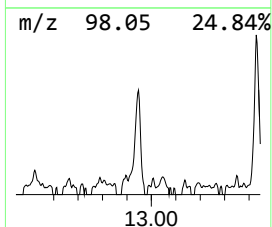
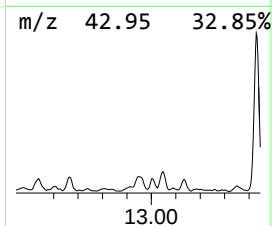
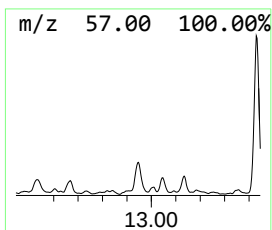
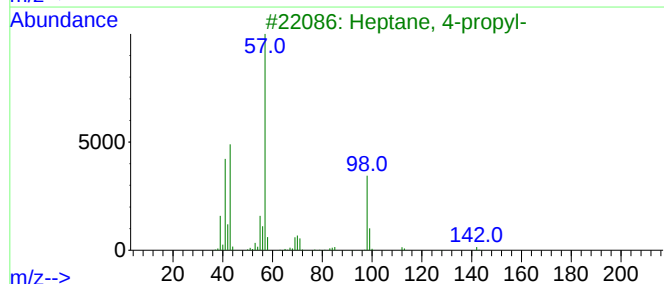
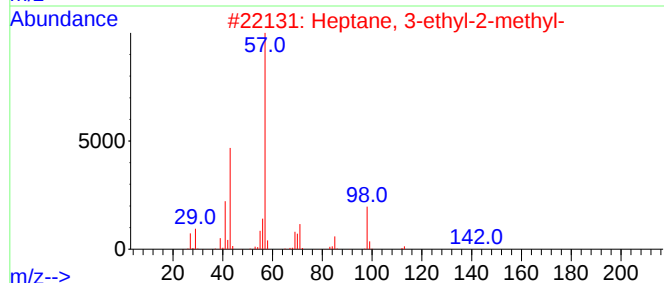
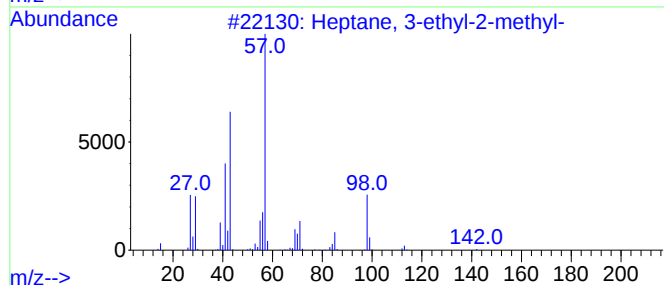
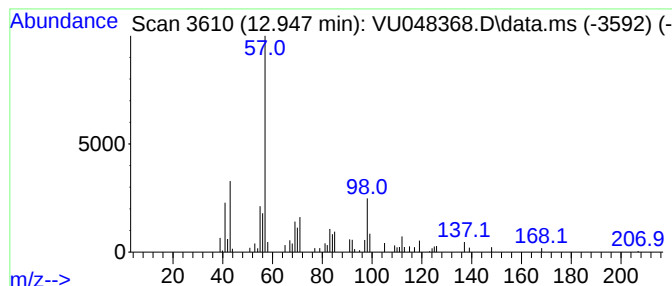
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.947	10.49 ug/L	73012	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
3			Heptane, 4-propyl-	142	C10H22	003178-29-8	43
4			Butyl decyl ether	214	C14H30O	1000406-40-2	43
5			Undecane, 6-methyl-	170	C12H26	017302-33-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

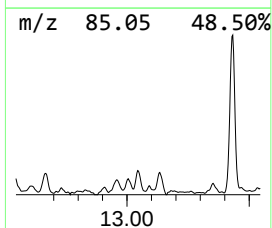
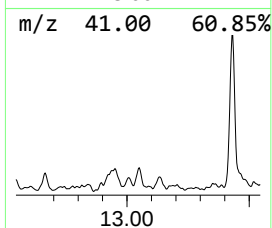
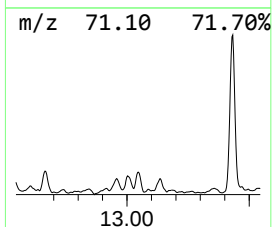
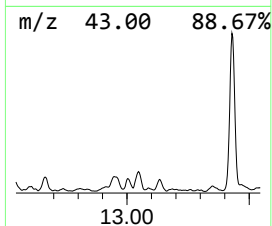
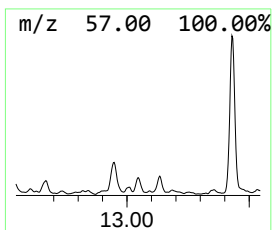
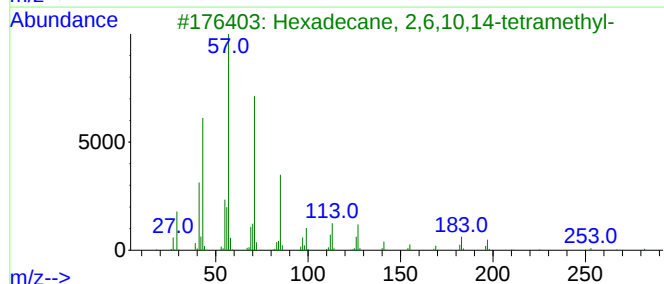
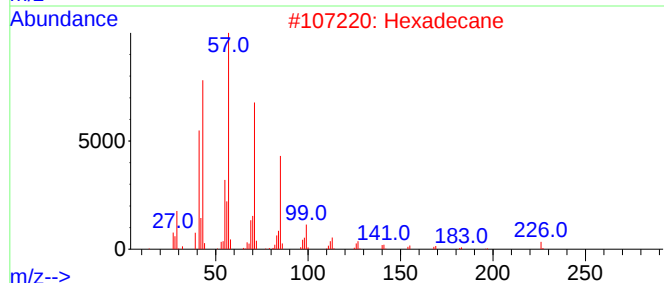
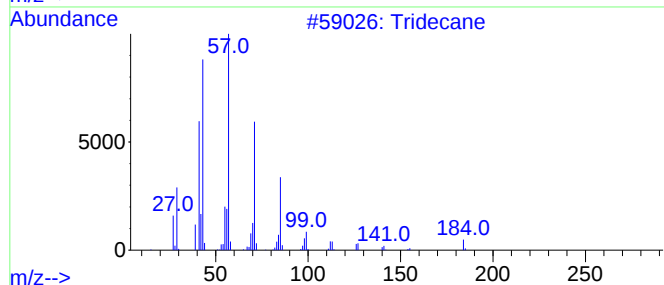
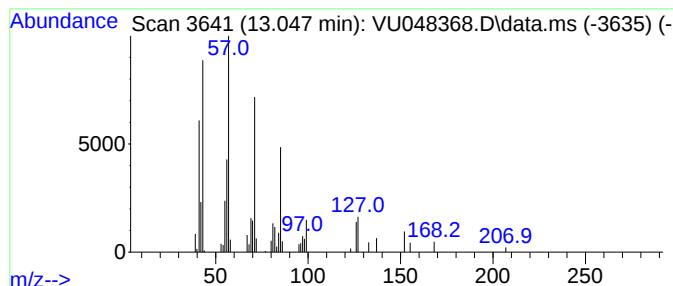
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.047	3.92 ug/L	27242	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	59
2			Hexadecane	226	C16H34	000544-76-3	58
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
4			Nonadecane	268	C19H40	000629-92-5	52
5			Nonadecane	268	C19H40	000629-92-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

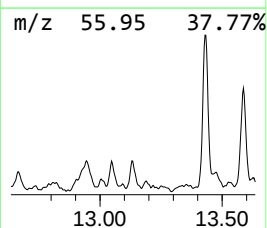
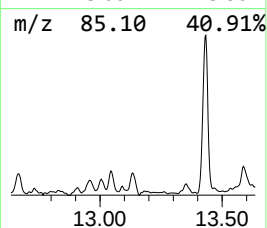
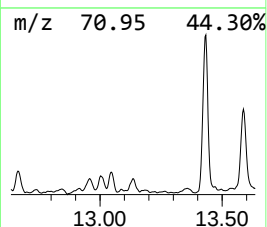
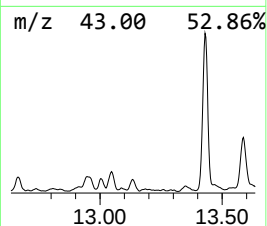
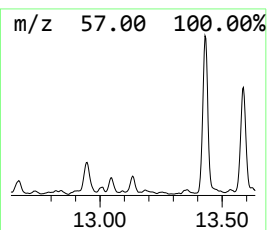
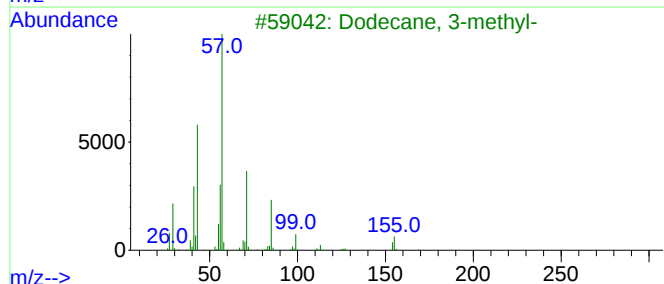
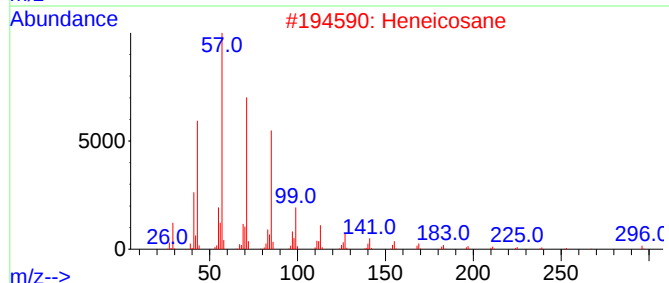
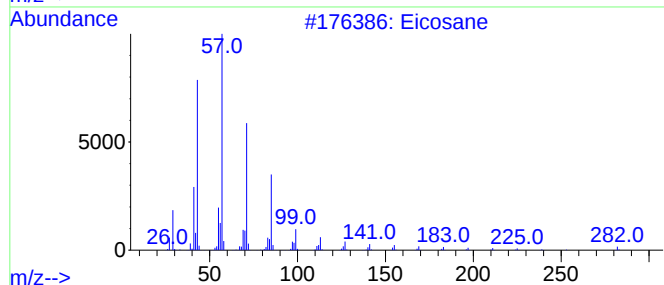
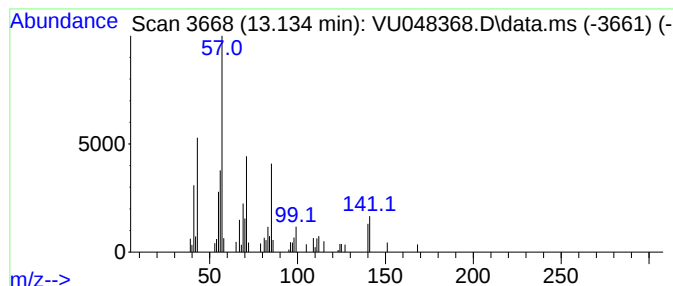
Instrument :
MSVOA_U
ClientSampleId :
EW490ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.134	3.29 ug/L	22915	1,4-Dichlorobenzene-d4		11.819	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	59
2	Heneicosane		296	C21H44	000629-94-7	59
3	Dodecane, 3-methyl-		184	C13H28	017312-57-1	59
4	Dodecane, 2-methyl-		184	C13H28	001560-97-0	59
5	Decane, 3-bromo-		220	C10H21Br	030571-71-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

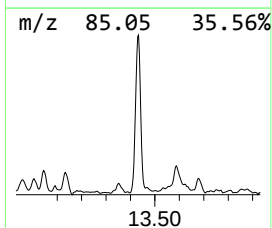
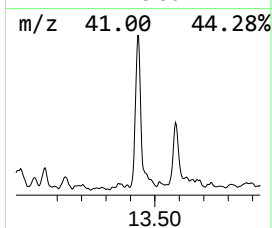
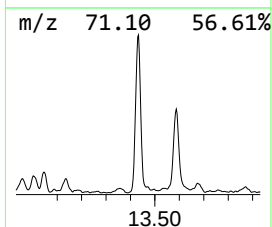
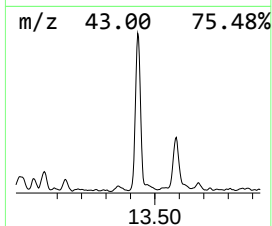
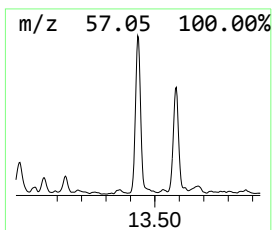
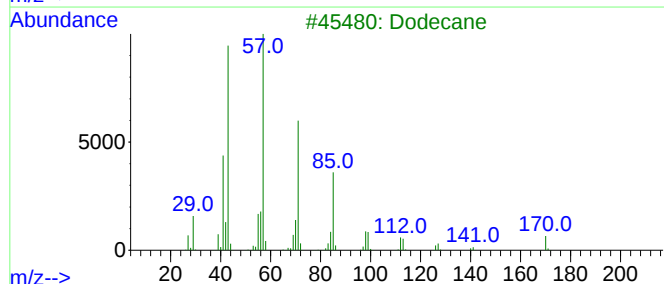
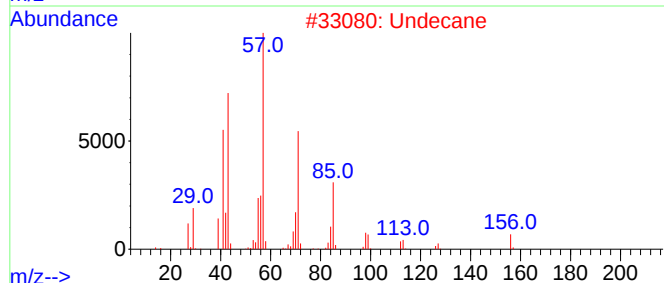
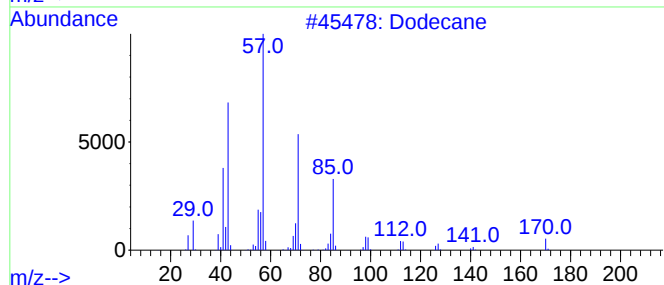
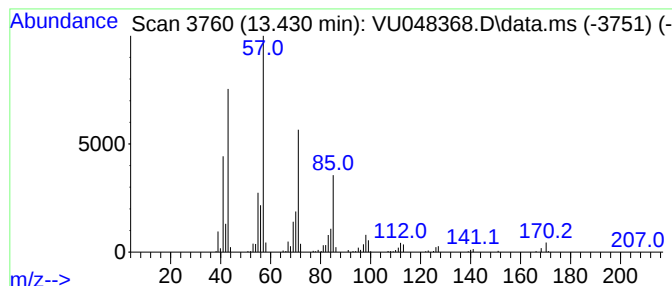
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.430	38.74 ug/L	269543	1,4-Dichlorobenzene-d4	11.819

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	97
2		Undecane	156	C11H24	001120-21-4	90
3		Dodecane	170	C12H26	000112-40-3	87
4		Hexadecane	226	C16H34	000544-76-3	80
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

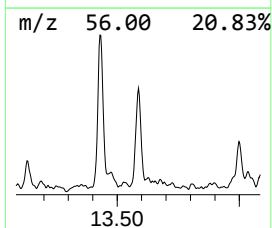
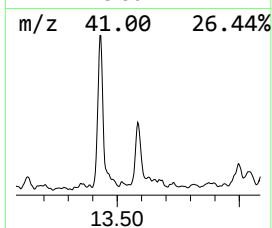
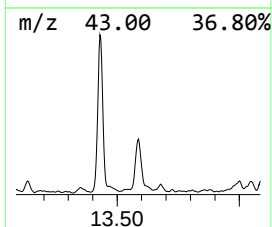
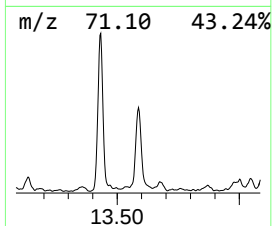
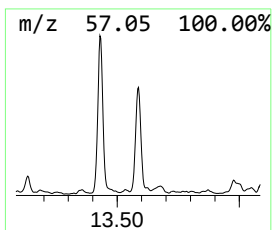
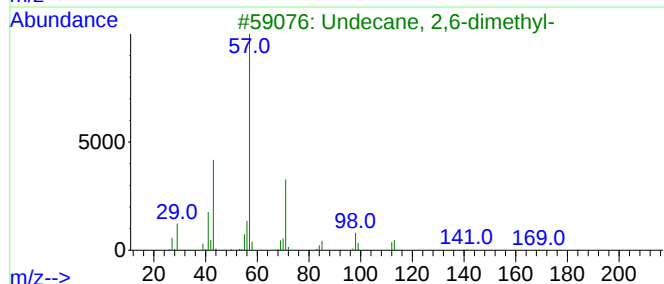
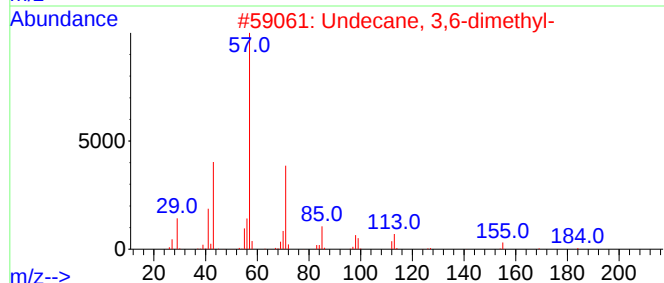
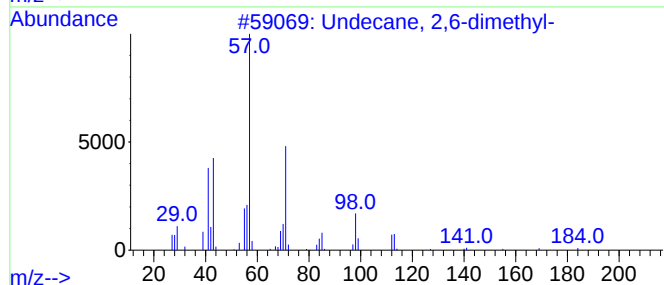
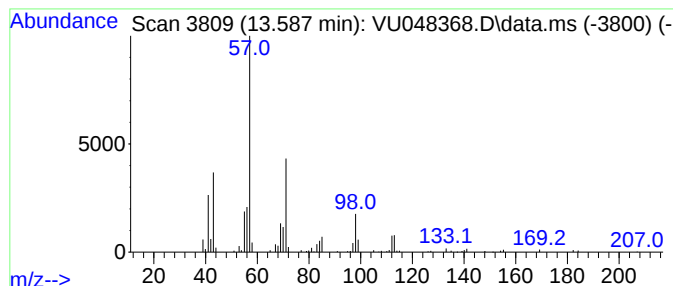
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.587	16.94 ug/L	117865	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	81
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

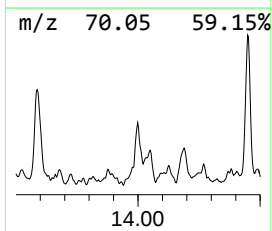
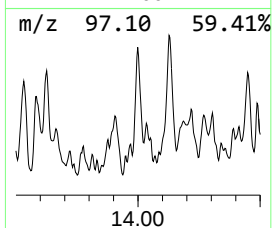
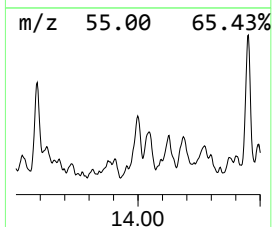
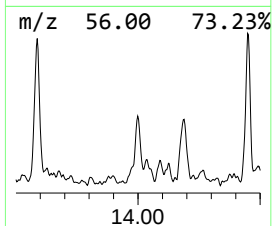
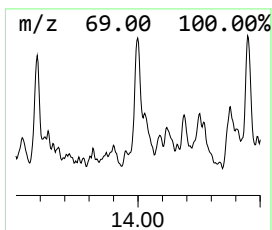
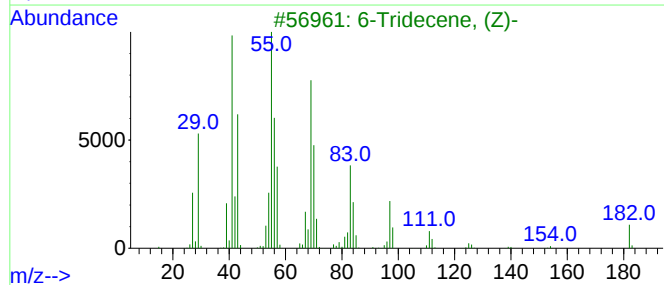
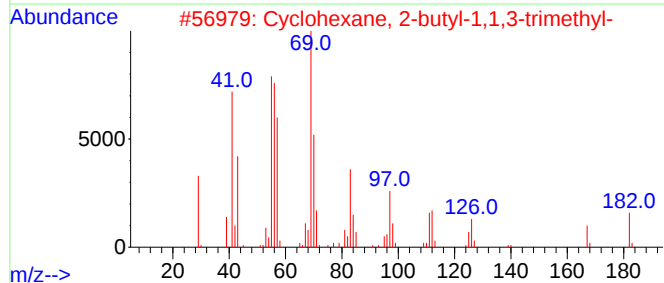
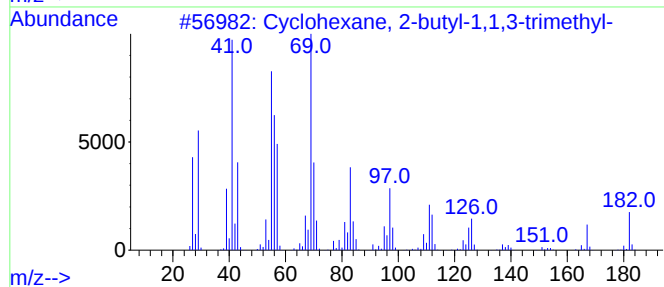
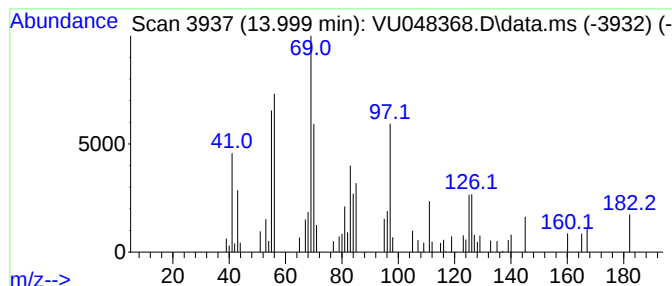
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Cyclic13.999 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.999	4.49 ug/L	31240	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	68
2			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	64
3			6-Tridecene, (Z)-	182	C13H26	006508-77-6	52
4			4-Nonene, 5-butyl-	182	C13H26	007367-38-6	49
5			2-Tridecene, (E)-	182	C13H26	041446-58-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

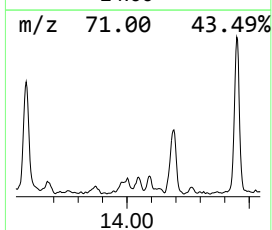
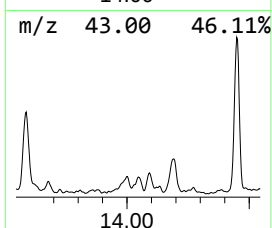
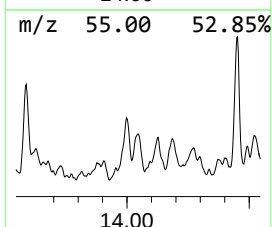
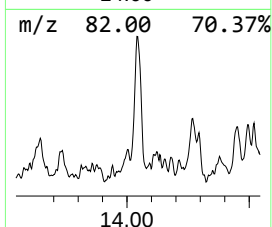
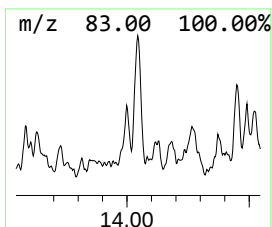
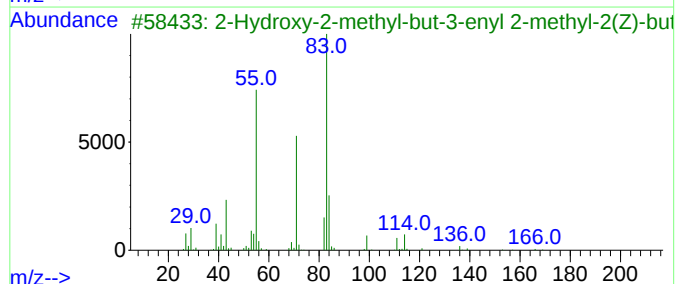
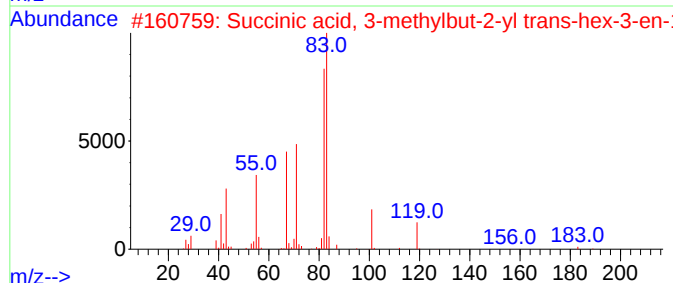
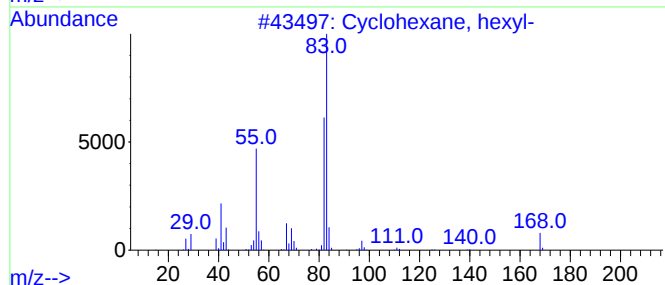
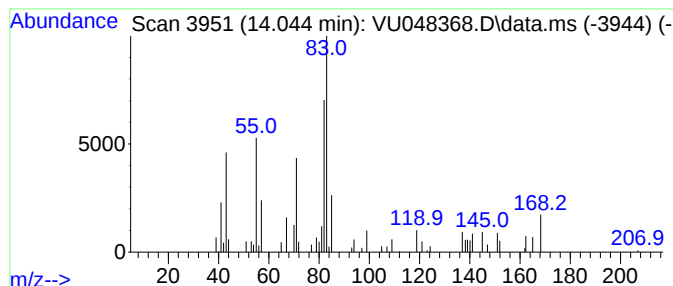
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Cyclic14.044 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.044	3.87 ug/L	26922	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
2			Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-11-1	42
3			2-Hydroxy-2-methyl-but-3-enyl 2-...	184	C10H16O3	080758-67-4	38
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
5			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

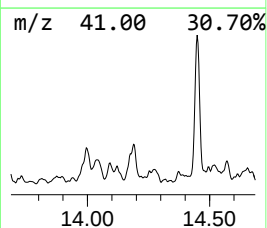
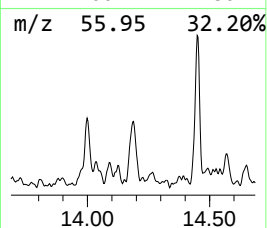
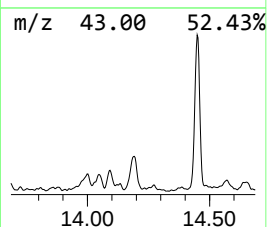
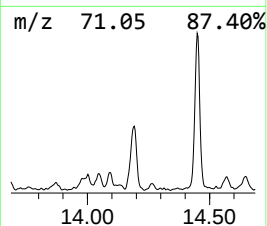
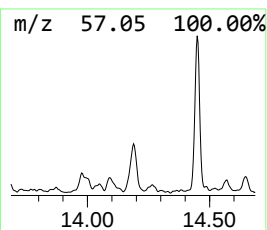
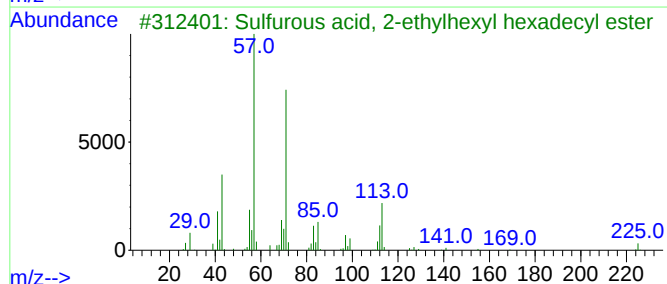
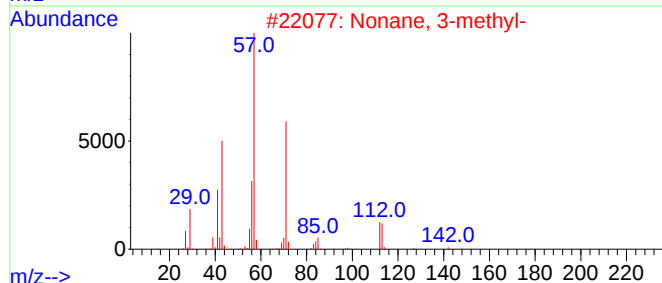
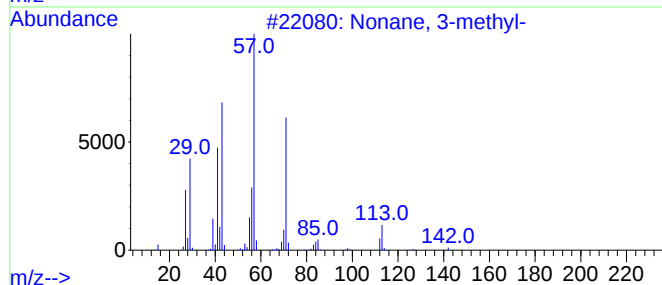
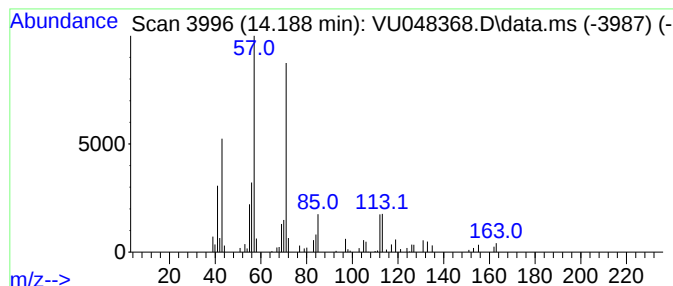
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	7.67 ug/L	53357	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

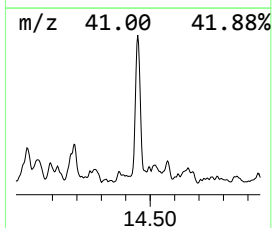
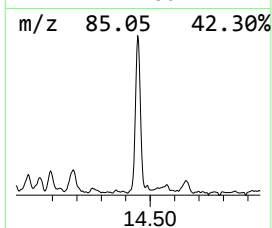
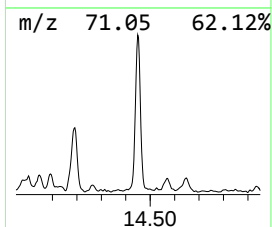
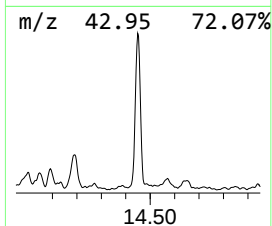
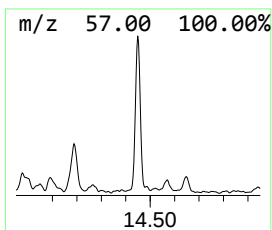
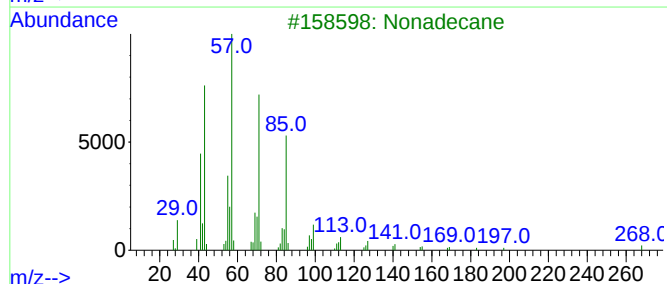
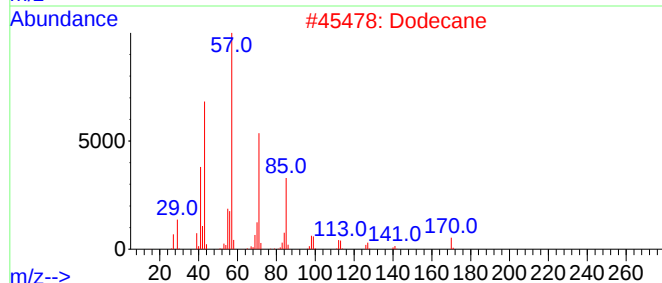
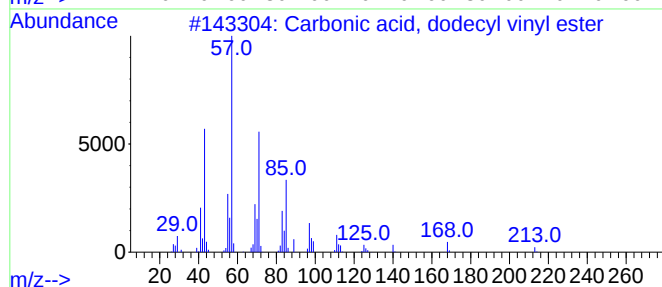
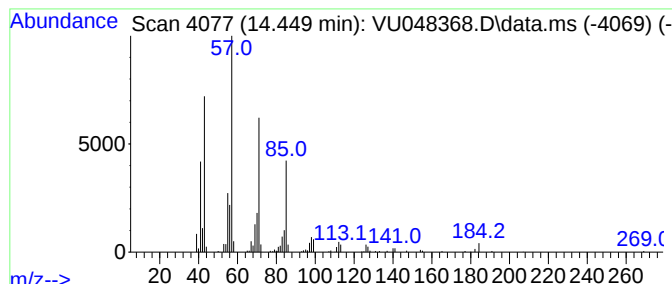
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Quant Title : VOC Analysis

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

Peak Number 30 Carbonic acid, dodecyl vinyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.449	20.61 ug/L	143406	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	90
2			Dodecane	170	C12H26	000112-40-3	86
3			Nonadecane	268	C19H40	000629-92-5	72
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
5			Tridecane	184	C13H28	000629-50-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048368.D
Acq On : 02 May 2022 15:09
Operator : SY/MD
Sample : N2603-09ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW490ME

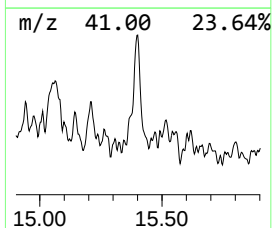
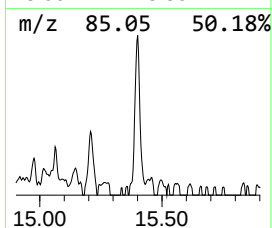
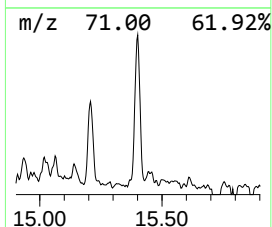
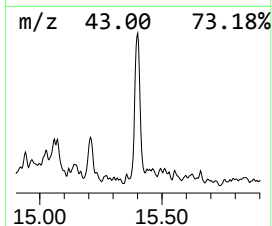
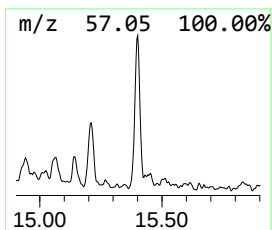
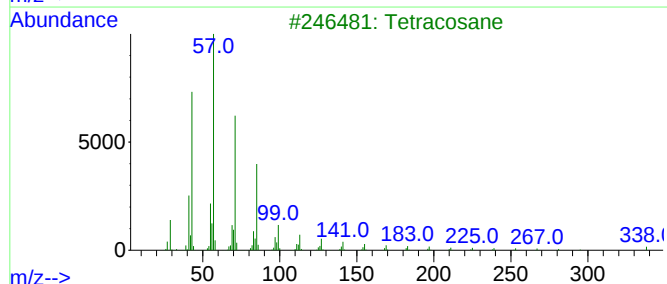
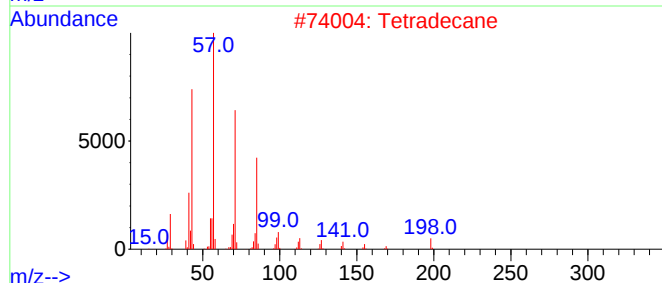
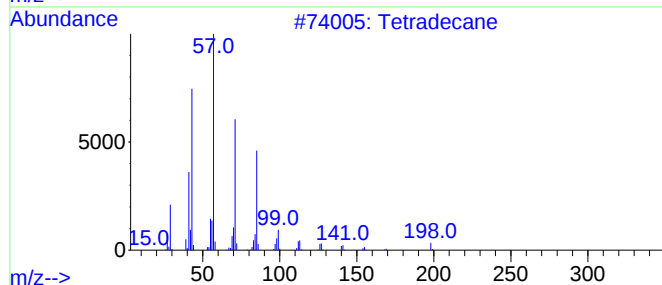
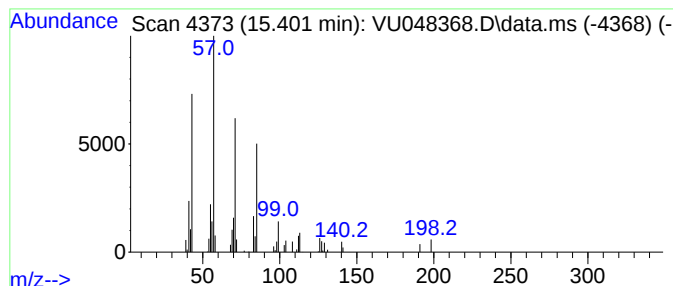
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Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.401	3.38 ug/L	23534	1,4-Dichlorobenzene-d4	11.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Tetradecane	198	C14H30	000629-59-4	87
3			Tetracosane	338	C24H50	000646-31-1	72
4			Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
 Data File : VU048368.D
 Acq On : 02 May 2022 15:09
 Operator : SY/MD
 Sample : N2603-09ME
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW490ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.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
Sulfur dioxide	1.482	5.4	ug/L	25698	1	6.247	239114	50.0
unknown-01	1.787	8.0	ug/L	38412	1	6.247	239114	50.0
Furan, tetrahyd...	5.980	8.9	ug/L	42634	1	6.247	239114	50.0
unknown-02	6.523	3.3	ug/L	15890	1	6.247	239114	50.0
Furan, tetrahyd...	6.604	2.9	ug/L	13771	1	6.247	239114	50.0
unknown-03	7.202	4.0	ug/L	19362	1	6.247	239114	50.0
(DEL) Alkane: C...	8.922	2.5	ug/L	16014	2	9.423	320193	50.0
(DEL) Alkane: S...	9.745	3.7	ug/L	23579	2	9.423	320193	50.0
(DEL) Alkane: S...	10.250	3.2	ug/L	20489	2	9.423	320193	50.0
(DEL) Alkane: S...	10.394	2.6	ug/L	17002	2	9.423	320193	50.0
(DEL) Alkane: S...	11.115	12.3	ug/L	85528	3	11.819	347910	50.0
(DEL) Alkane: S...	11.417	8.3	ug/L	57611	3	11.819	347910	50.0
unknown-04	11.462	4.9	ug/L	34157	3	11.819	347910	50.0
(DEL) Alkane: S...	11.642	2.8	ug/L	19178	3	11.819	347910	50.0
(DEL) Alkane: S...	11.912	3.0	ug/L	20903	3	11.819	347910	50.0
(DEL) Alkane: S...	11.999	5.1	ug/L	35677	3	11.819	347910	50.0
(DEL) Alkane: S...	12.327	29.3	ug/L	203517	3	11.819	347910	50.0
(DEL) Alkane: S...	12.539	6.4	ug/L	44391	3	11.819	347910	50.0
Carbonic acid, ...	12.668	4.3	ug/L	30186	3	11.819	347910	50.0
(DEL) Alkane: S...	12.947	10.5	ug/L	73012	3	11.819	347910	50.0
(DEL) Alkane: S...	13.047	3.9	ug/L	27242	3	11.819	347910	50.0
(DEL) Alkane: S...	13.134	3.3	ug/L	22915	3	11.819	347910	50.0
(DEL) Alkane: S...	13.430	38.7	ug/L	269543	3	11.819	347910	50.0
(DEL) Alkane: S...	13.587	16.9	ug/L	117865	3	11.819	347910	50.0
(DEL) Alkane: C...	13.999	4.5	ug/L	31240	3	11.819	347910	50.0
(DEL) Alkane: C...	14.044	3.9	ug/L	26922	3	11.819	347910	50.0
(DEL) Alkane: S...	14.188	7.7	ug/L	53357	3	11.819	347910	50.0
Carbonic acid, ...	14.449	20.6	ug/L	143406	3	11.819	347910	50.0
(DEL) Alkane: S...	15.401	3.4	ug/L	23534	3	11.819	347910	50.0