

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039776.D
 Acq On : 25 Oct 2022 3:30
 Operator : SY/AP
 Sample : N5227-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 D

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 3

Min Area: 3 % of largest Peak

Start Thrs: 0.001

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 0

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

Signal : TIC: VL039776.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	127	133	143	rVB	202181	250820	1.53%	0.107%
2	3.510	270	282	295	rBV3	227890	470591	2.87%	0.200%
3	3.748	348	356	366	rBV2	178535	259905	1.58%	0.111%
4	3.947	412	418	432	rVB2	121994	207212	1.26%	0.088%
5	5.201	794	808	831	rBV3	1709828	3774685	23.01%	1.608%
6	6.658	1248	1261	1294	rVB	2854839	5952536	36.28%	2.536%
7	8.253	1737	1757	1769	rBV6	89621	227542	1.39%	0.097%
8	9.880	2242	2263	2266	rBV5	103457	180182	1.10%	0.077%
9	10.494	2441	2454	2472	rVB5	225648	497066	3.03%	0.212%
10	11.108	2636	2645	2659	rVB8	84730	207770	1.27%	0.089%
11	11.465	2723	2756	2775	rBV	3082350	7765747	47.33%	3.308%
12	11.564	2778	2787	2797	rVV5	205011	473038	2.88%	0.202%
13	11.622	2797	2805	2819	rVB5	113871	254382	1.55%	0.108%
14	11.725	2819	2837	2852	rVB3	689663	1712443	10.44%	0.730%
15	12.182	2960	2979	2992	rBV4	401586	968973	5.91%	0.413%
16	12.265	2992	3005	3019	rBV5	330599	761587	4.64%	0.324%
17	12.478	3055	3071	3072	rBV4	355889	576379	3.51%	0.246%
18	12.484	3072	3073	3089	rVB3	352787	504487	3.07%	0.215%
19	12.706	3125	3142	3173	rVB3	472554	1637184	9.98%	0.697%
20	12.908	3192	3205	3231	rVB9	293562	916001	5.58%	0.390%
21	13.027	3231	3242	3259	rVB9	82987	239340	1.46%	0.102%
22	13.133	3259	3275	3281	rBV7	342127	854451	5.21%	0.364%
23	13.249	3300	3311	3324	rVB3	799629	1871621	11.41%	0.797%
24	13.326	3324	3335	3348	rVB2	319399	682998	4.16%	0.291%
25	13.429	3352	3367	3384	rVB6	231395	692470	4.22%	0.295%
26	13.529	3384	3398	3419	rBV2	797659	1946044	11.86%	0.829%
27	13.683	3430	3446	3456	rBV6	140438	327635	2.00%	0.140%
28	13.773	3456	3474	3487	rBV3	3232441	7861530	47.91%	3.349%
29	13.850	3487	3498	3515	rVB4	1243129	3289609	20.05%	1.401%
30	13.969	3515	3535	3548	rVB4	460213	1226705	7.48%	0.523%
31	14.111	3562	3579	3580	rBV2	872652	1351014	8.23%	0.576%
32	14.121	3580	3582	3596	rVB3	757377	987185	6.02%	0.421%
33	14.233	3596	3617	3631	rBV4	1221643	3223379	19.65%	1.373%
34	14.365	3631	3658	3672	rBV4	2501063	7968271	48.56%	3.395%
35	14.442	3672	3682	3692	rVB7	388887	847701	5.17%	0.361%
36	14.526	3692	3708	3720	rBV5	1387591	3850729	23.47%	1.640%

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Integrator: RTE

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Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

37	14.603	3720	3732	3741	rVV4	2866387	6711607	40.90%	2.859%
38	14.667	3741	3752	3776	rVB3	5075393	13732142	83.69%	5.850%
39	14.854	3794	3810	3824	rVV4	2358463	6122438	37.31%	2.608%
40	14.931	3824	3834	3845	rVB6	462309	1099574	6.70%	0.468%
41	15.018	3845	3861	3870	rVB10	282857	760483	4.63%	0.324%
42	15.104	3870	3888	3907	rVB2	6347701	16407928	100.00%	6.990%
43	15.223	3907	3925	3945	rBV4	2405332	7106663	43.31%	3.028%
44	15.346	3945	3963	3970	rBV6	665017	1590421	9.69%	0.678%
45	15.410	3970	3983	3994	rVV8	2982596	9088558	55.39%	3.872%
46	15.471	3994	4002	4026	rVB3	2600171	7300878	44.50%	3.110%
47	15.587	4026	4038	4050	rVB6	488447	1148604	7.00%	0.489%
48	15.670	4050	4064	4088	rBV4	2058852	5473530	33.36%	2.332%
49	15.850	4088	4120	4122	rBV6	1127240	3123998	19.04%	1.331%
50	15.895	4122	4134	4160	rVB7	2439883	7777397	47.40%	3.313%
51	16.018	4160	4172	4187	rVB7	358879	1037394	6.32%	0.442%
52	16.120	4187	4204	4218	rBV5	1795757	5090193	31.02%	2.169%
53	16.214	4218	4233	4247	rVV7	1044493	3057189	18.63%	1.302%
54	16.301	4247	4260	4271	rVB6	473646	1051563	6.41%	0.448%
55	16.374	4282	4283	4296	rVB10	183116	255304	1.56%	0.109%
56	16.477	4296	4315	4327	rBV2	4344423	10980321	66.92%	4.678%
57	16.532	4327	4332	4346	rVV6	980605	2120476	12.92%	0.903%
58	16.622	4350	4360	4361	rVV5	372740	553683	3.37%	0.236%
59	16.629	4361	4362	4390	rVB7	693336	1557414	9.49%	0.663%
60	16.760	4390	4403	4412	rBV7	363789	892573	5.44%	0.380%
61	16.831	4412	4425	4426	rBV5	350454	555411	3.39%	0.237%
62	16.837	4426	4427	4437	rVB8	207285	204772	1.25%	0.087%
63	16.940	4437	4459	4475	rBV10	939278	3667039	22.35%	1.562%
64	17.088	4498	4505	4515	rVB4	212770	400253	2.44%	0.171%
65	17.178	4515	4533	4558	rVB	3461621	10243418	62.43%	4.364%
66	17.346	4558	4585	4601	rVB9	1363780	5269649	32.12%	2.245%
67	17.513	4620	4637	4651	rBV4	1987900	5307742	32.35%	2.261%
68	17.583	4651	4659	4668	rVV4	364468	800676	4.88%	0.341%
69	17.645	4668	4678	4688	rVV6	799092	1853718	11.30%	0.790%
70	17.702	4688	4696	4720	rVB7	729532	2226904	13.57%	0.949%
71	17.809	4728	4729	4742	rVB6	147341	205367	1.25%	0.087%
72	17.902	4744	4758	4771	rBV9	253615	620650	3.78%	0.264%
73	17.982	4771	4783	4785	rBV4	450602	695854	4.24%	0.296%
74	18.037	4799	4800	4813	rVB8	302661	443205	2.70%	0.189%
75	18.117	4813	4825	4842	rVB2	618088	1500990	9.15%	0.639%
76	18.207	4842	4853	4862	rBV5	616500	1441941	8.79%	0.614%

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77	18.284	4862	4877	4897	rVB7	1302099	4839736	29.50%	2.062%
78	18.381	4897	4907	4908	rBV4	245339	253140	1.54%	0.108%
79	18.397	4911	4912	4926	rVV4	272340	349767	2.13%	0.149%
80	18.490	4926	4941	4952	rVV4	742931	1926008	11.74%	0.821%
81	18.554	4955	4961	4975	rVB8	247430	571002	3.48%	0.243%
82	18.789	5023	5034	5046	rVB9	234377	628850	3.83%	0.268%
83	18.966	5077	5089	5106	rVB5	537354	1535390	9.36%	0.654%
84	19.079	5109	5124	5125	rBV5	169380	285150	1.74%	0.121%
85	19.153	5134	5147	5160	rVB7	227034	616868	3.76%	0.263%
86	19.252	5162	5178	5194	rBV4	1571484	3995548	24.35%	1.702%
87	19.333	5194	5203	5207	rBV6	164199	251253	1.53%	0.107%
88	19.384	5213	5219	5239	rVB6	251897	665929	4.06%	0.284%
89	19.844	5350	5362	5373	rBV7	172165	380380	2.32%	0.162%
90	20.040	5410	5423	5446	rVB6	246895	724236	4.41%	0.309%
91	20.310	5483	5507	5522	rBV6	320080	1195764	7.29%	0.509%
92	20.361	5522	5523	5540	rVB6	107982	207084	1.26%	0.088%
93	20.792	5648	5657	5671	rVB2	159564	415980	2.54%	0.177%
94	20.982	5703	5716	5728	rBV10	81139	210423	1.28%	0.090%
95	22.011	6033	6036	6051	rVB4	127309	194327	1.18%	0.083%
96	25.831	7209	7224	7238	rBV5	574601	1185789	7.23%	0.505%

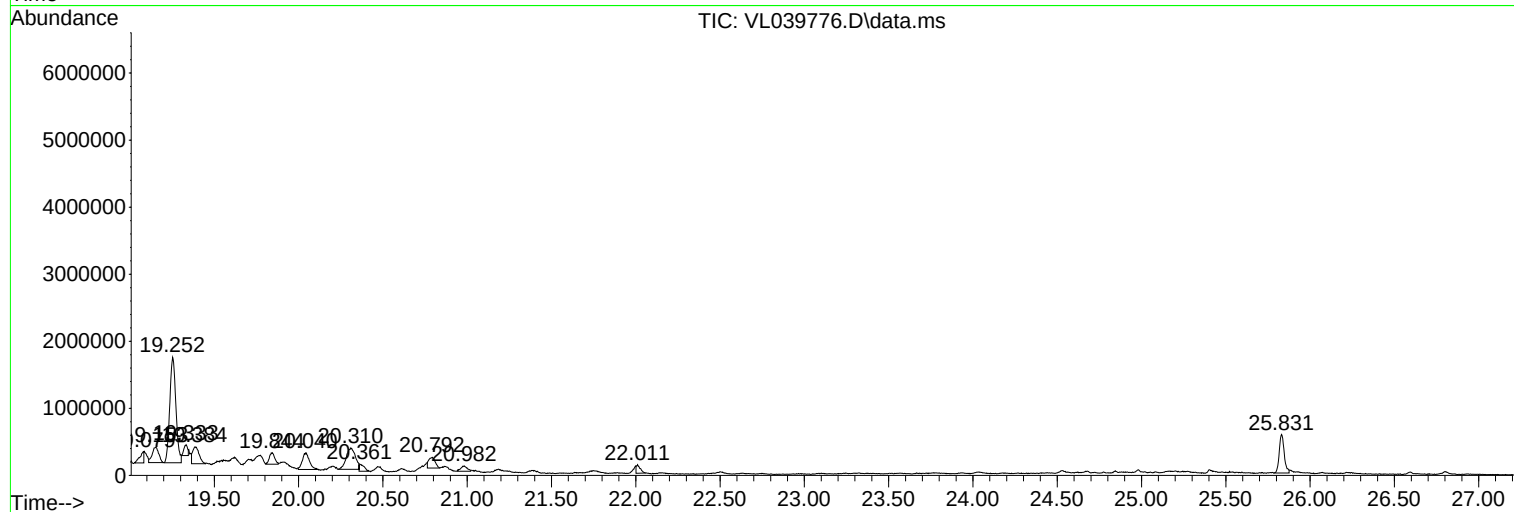
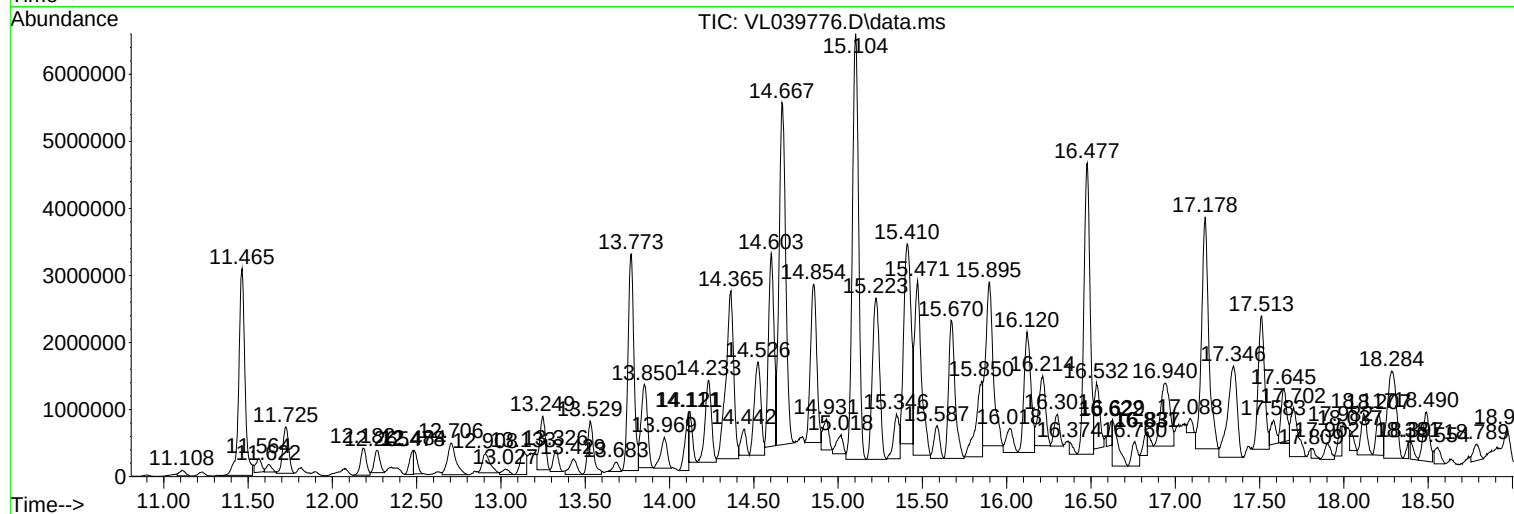
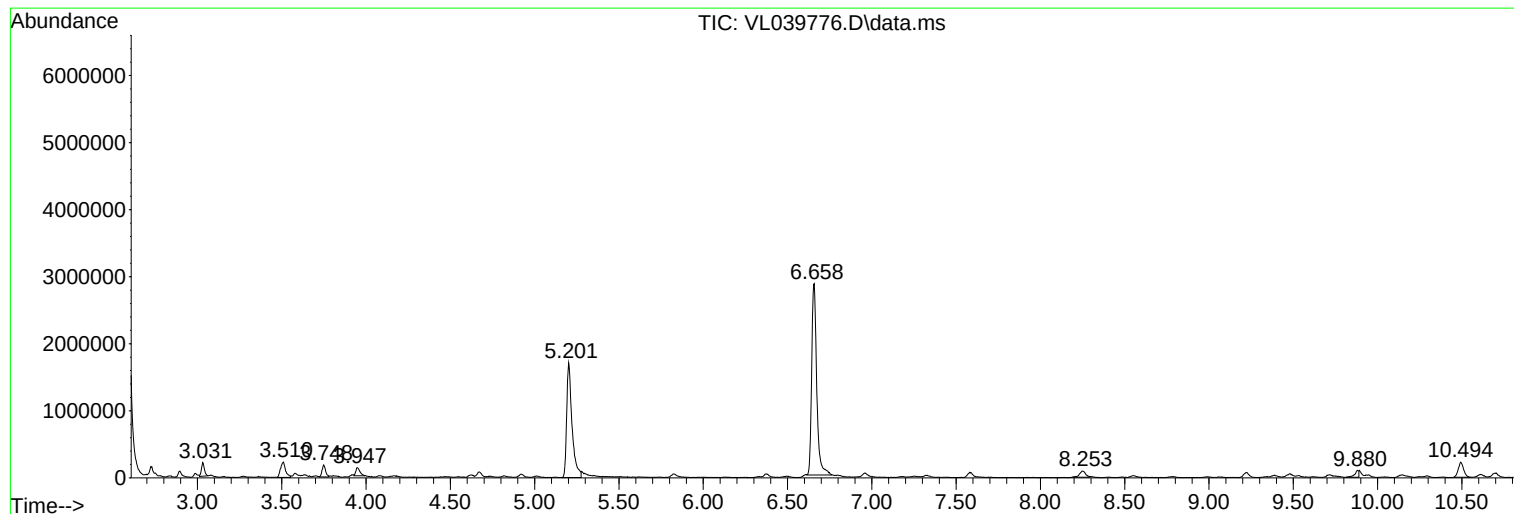
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Instrument :
MSVOA_L
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
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Acq On : 25 Oct 2022 3:30
Operator : SY/AP
Sample : N5227-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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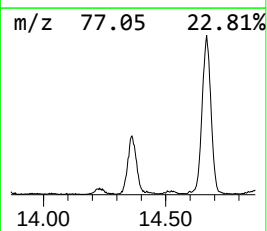
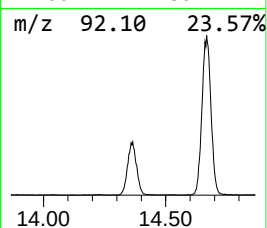
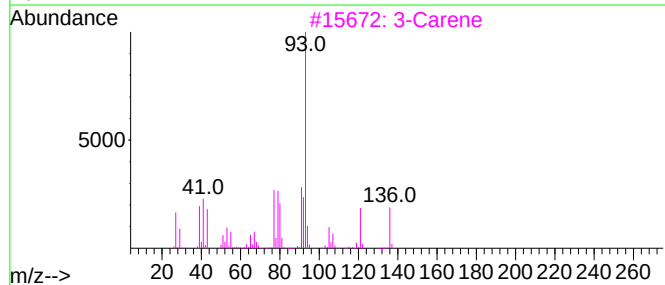
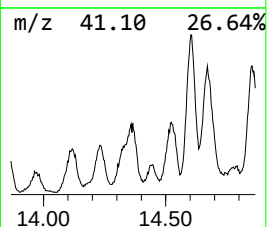
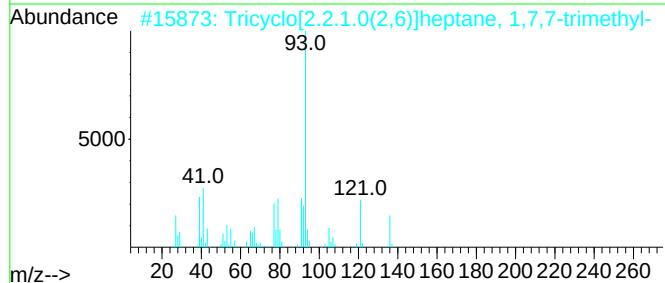
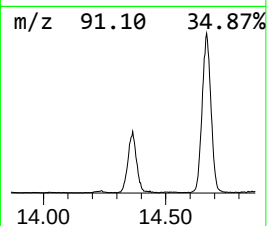
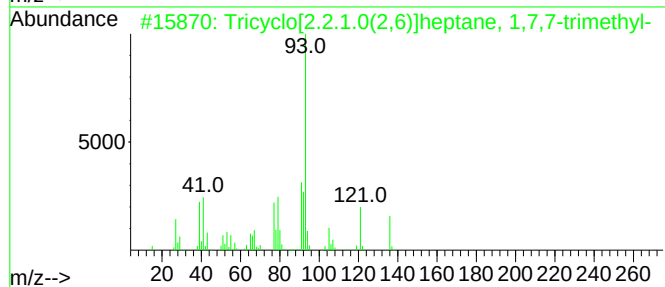
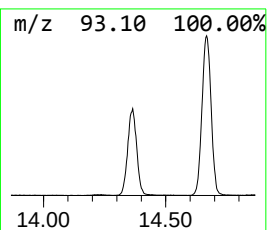
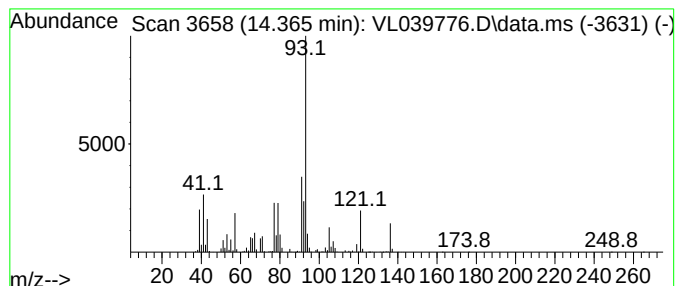
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.365	10.26 ppbv	7968270	Chlorobenzene-d5	11.465

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
2			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	94
3			3-Carene	136	C10H16	013466-78-9	94
4			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	94
5			(1S)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-26-4	94



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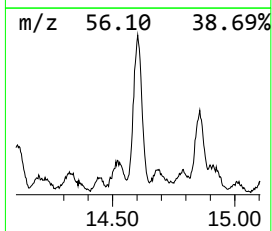
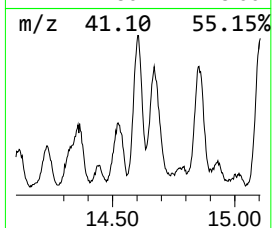
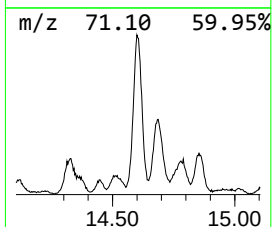
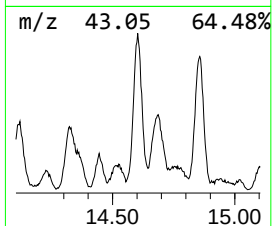
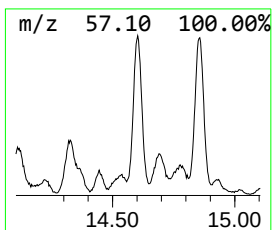
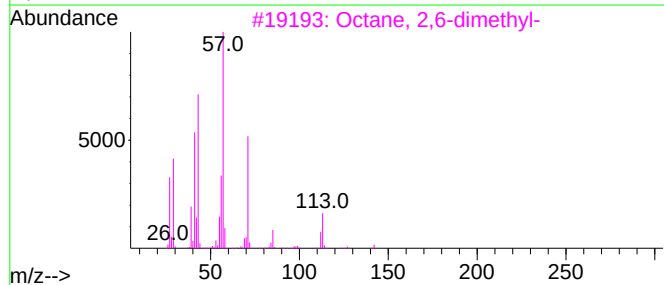
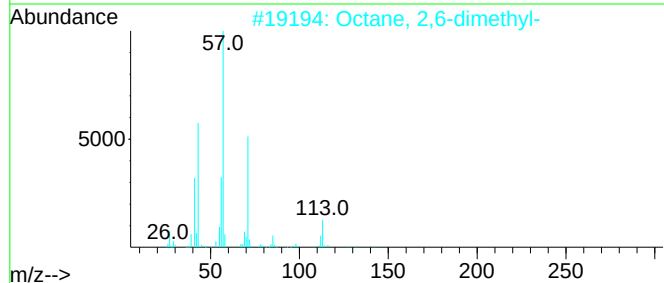
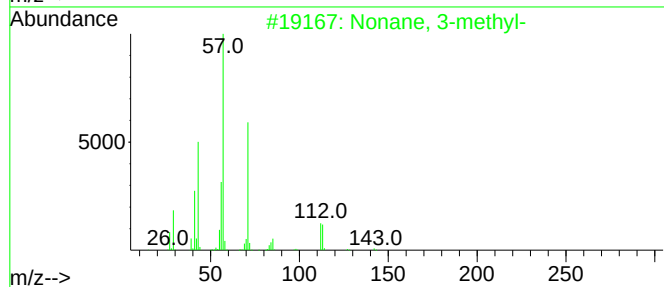
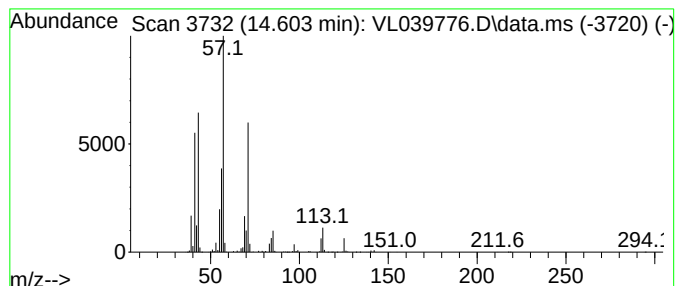
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.603	8.64 ppbv	6711610	Chlorobenzene-d5	11.465

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	62



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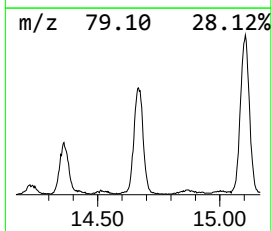
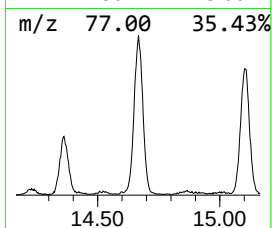
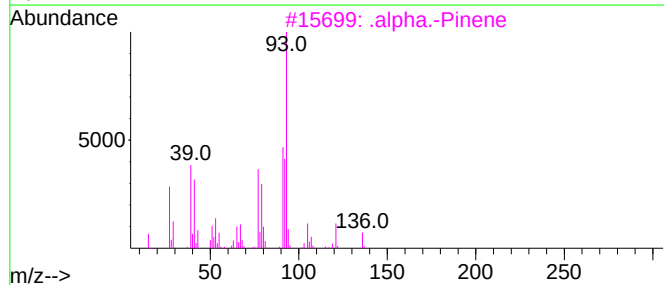
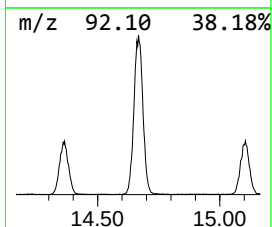
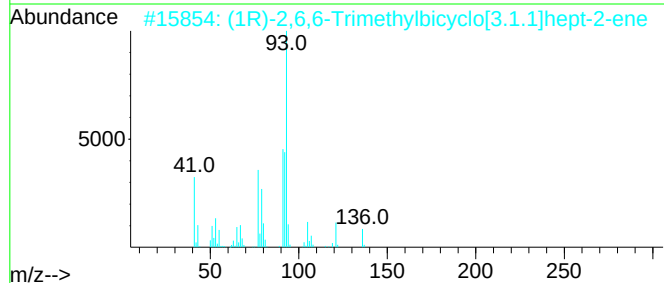
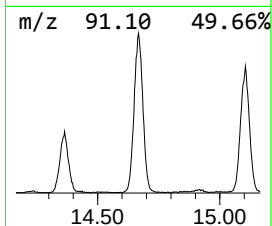
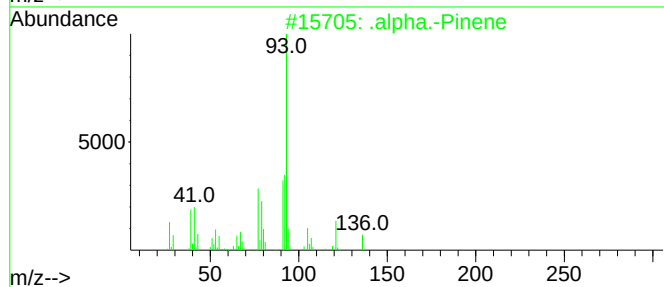
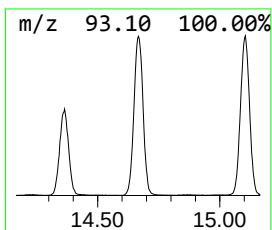
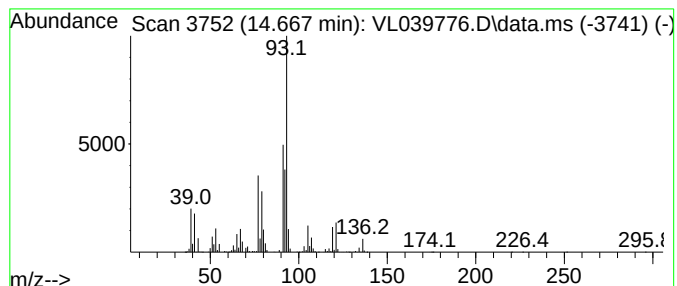
Instrument :
MSVOA_L
ClientSampleId :
D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.667	17.68 ppbv	13732100	Chlorobenzene-d5	11.465	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	96
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039776.D
Acq On : 25 Oct 2022 3:30
Operator : SY/AP
Sample : N5227-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
D

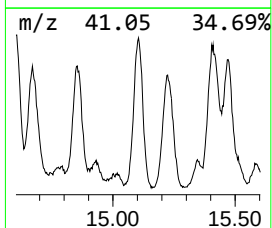
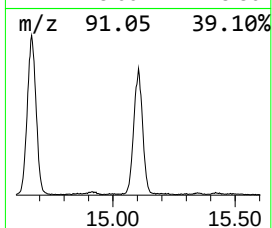
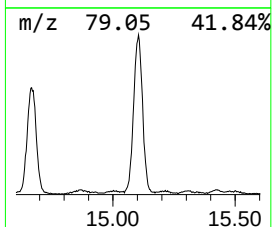
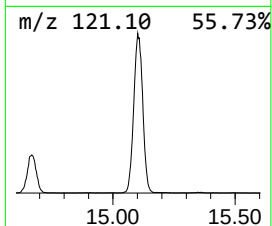
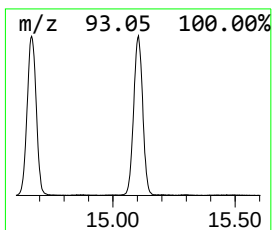
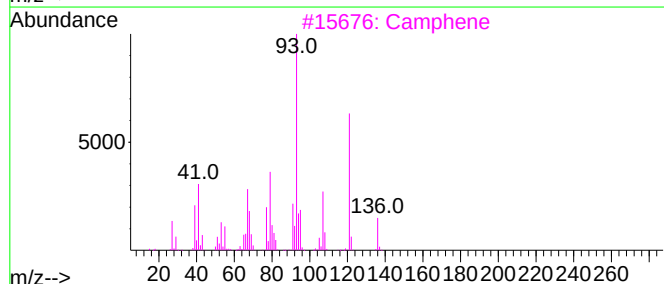
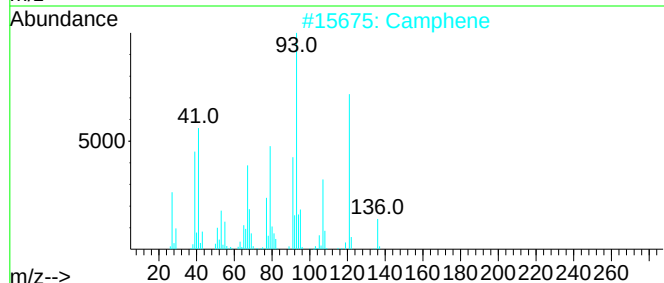
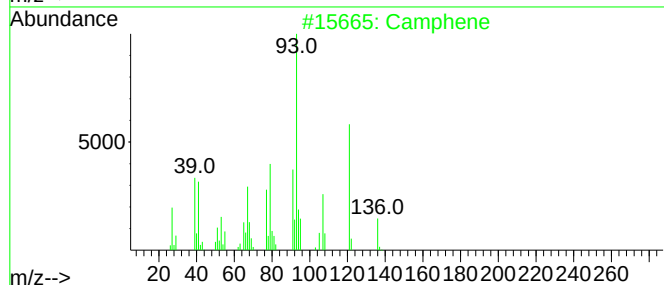
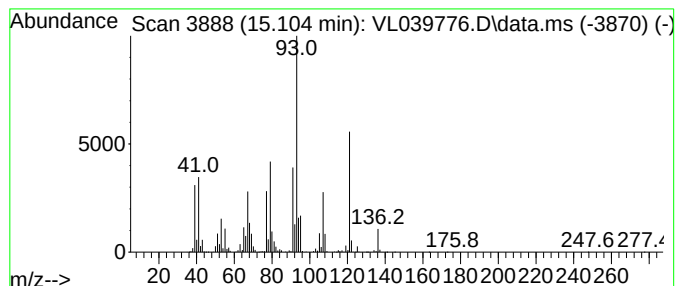
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Camphene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	21.13 ppbv	16407900	Chlorobenzene-d5	11.465

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	96
2			Camphene	136	C10H16	000079-92-5	96
3			Camphene	136	C10H16	000079-92-5	96
4			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	94
5			(+)-4-Carene	136	C10H16	029050-33-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039776.D
Acq On : 25 Oct 2022 3:30
Operator : SY/AP
Sample : N5227-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
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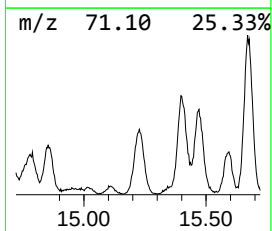
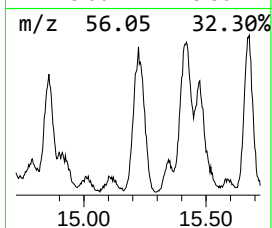
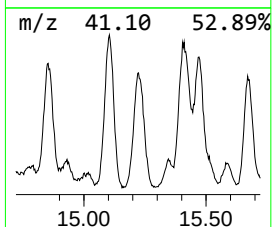
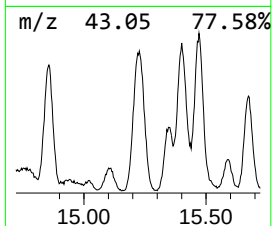
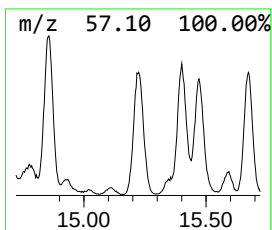
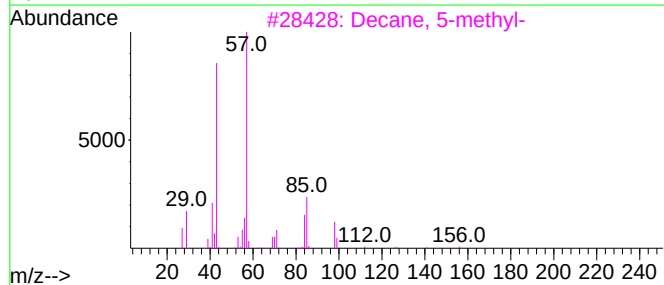
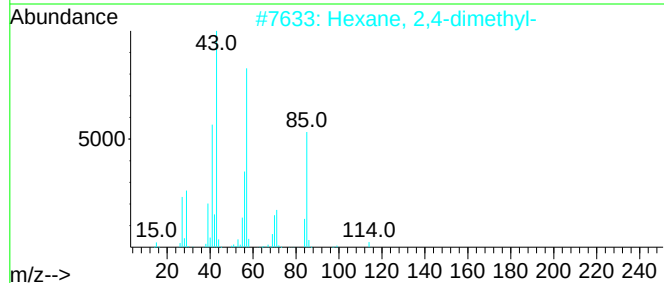
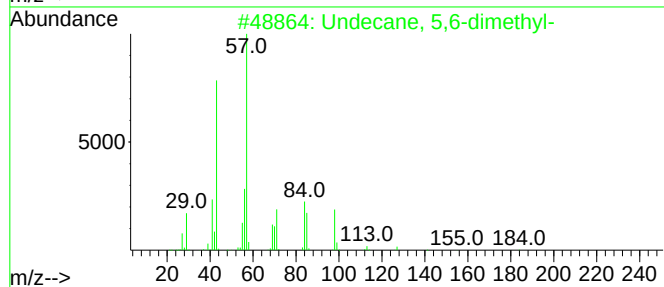
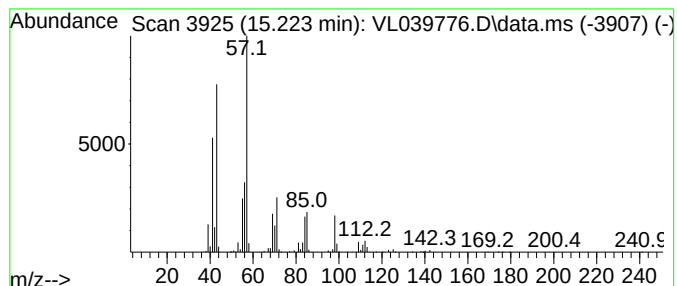
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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 5,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.223	9.15 ppbv	7106660	Chlorobenzene-d5	11.465

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	52
3			Decane, 5-methyl-	156	C11H24	013151-35-4	50
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
5			Decane	142	C10H22	000124-18-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039776.D
Acq On : 25 Oct 2022 3:30
Operator : SY/AP
Sample : N5227-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
D

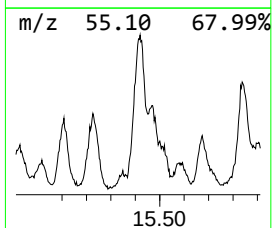
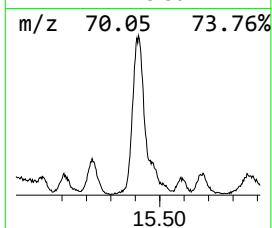
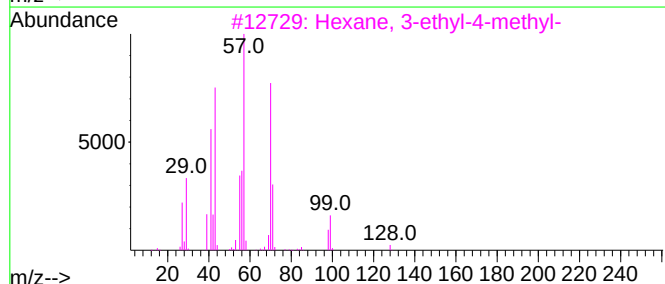
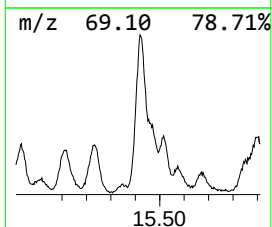
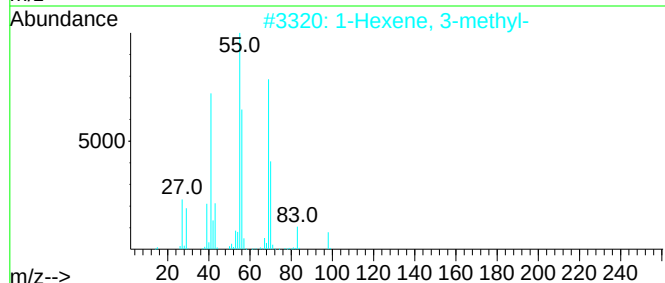
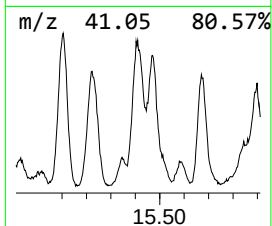
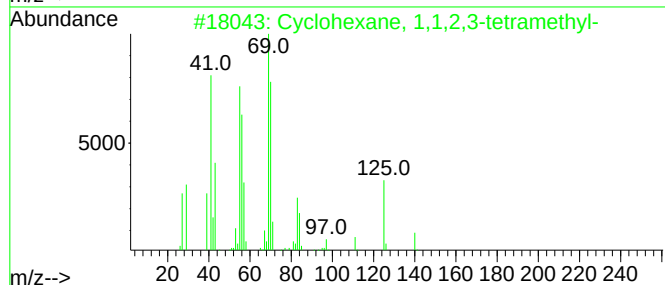
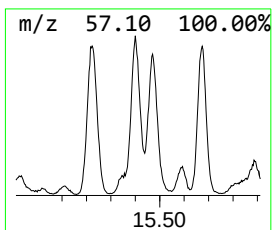
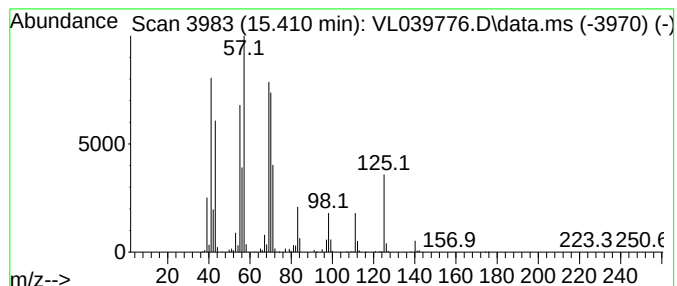
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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown15.410 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	11.70 ppbv	9088560	Chlorobenzene-d5	11.465

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	49
2			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38
3			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	38
4			3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	38
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039776.D
Acq On : 25 Oct 2022 3:30
Operator : SY/AP
Sample : N5227-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
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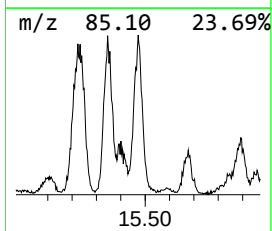
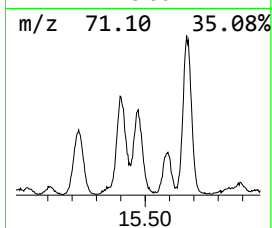
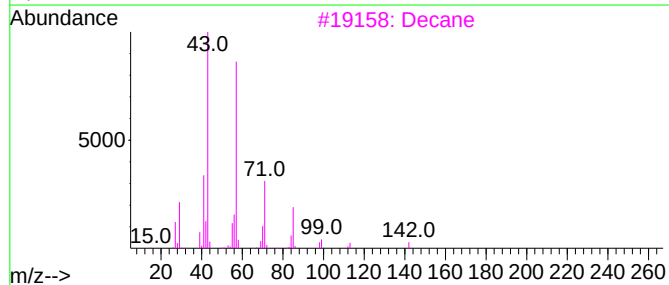
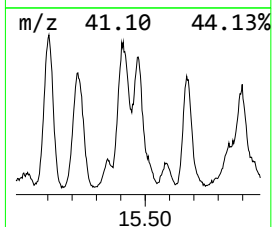
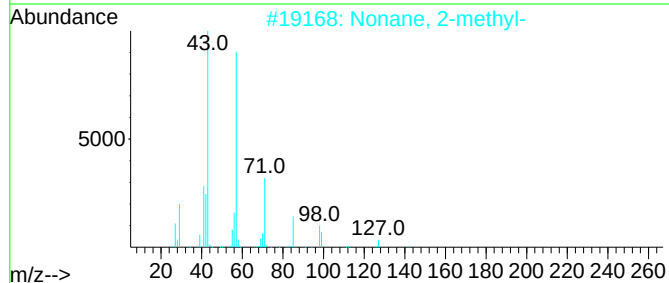
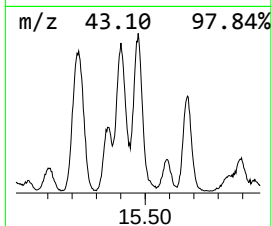
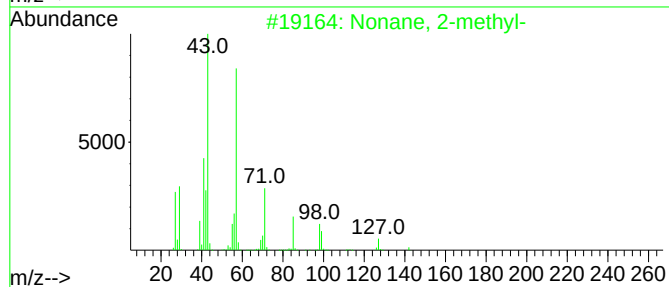
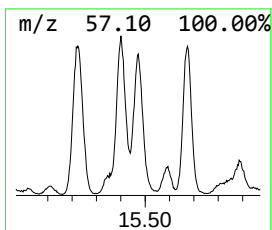
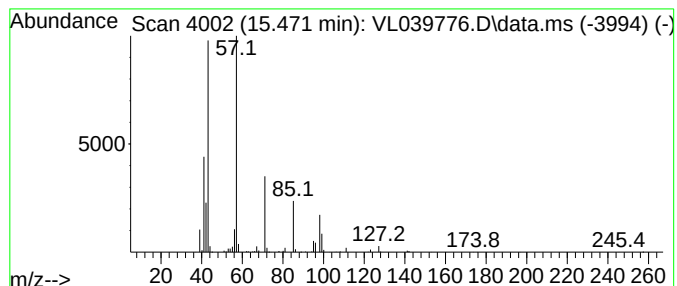
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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Nonane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.471	9.40 ppbv	7300880	Chlorobenzene-d5	11.465

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2-methyl-	142	C10H22	000871-83-0	72
2			Nonane, 2-methyl-	142	C10H22	000871-83-0	64
3			Decane	142	C10H22	000124-18-5	53
4			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53
5			Octane, 4-ethyl-	142	C10H22	015869-86-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039776.D
Acq On : 25 Oct 2022 3:30
Operator : SY/AP
Sample : N5227-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

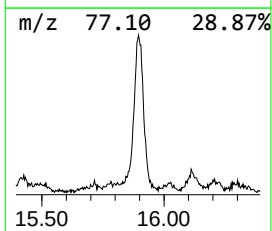
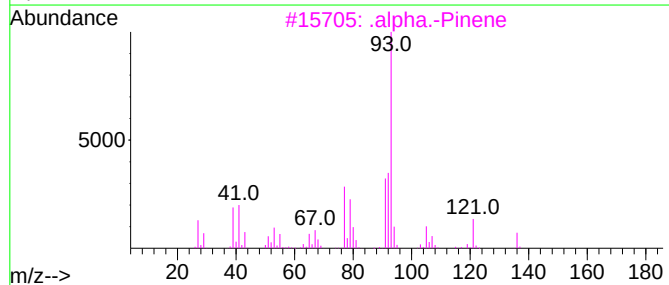
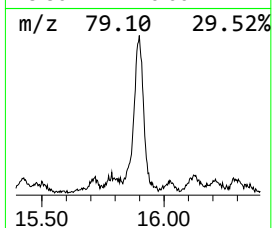
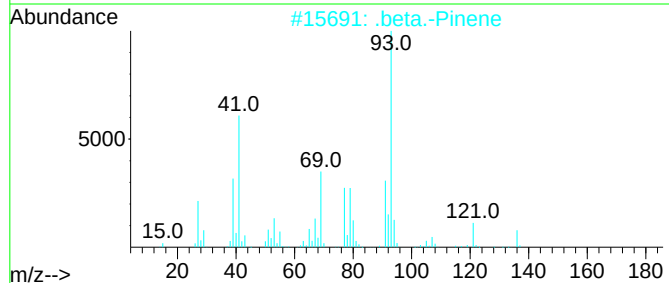
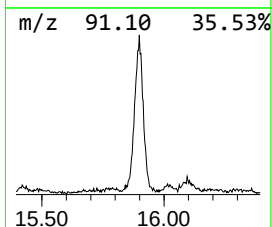
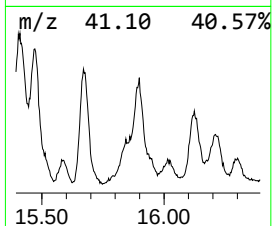
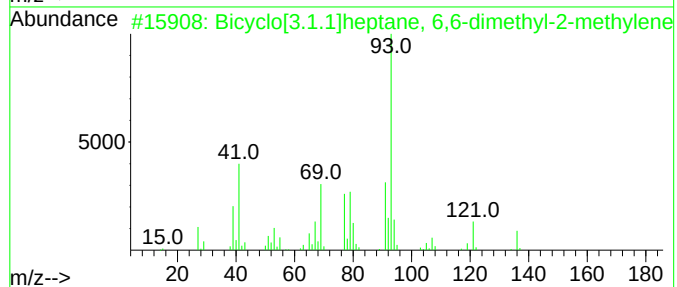
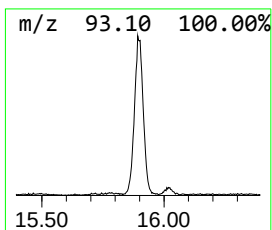
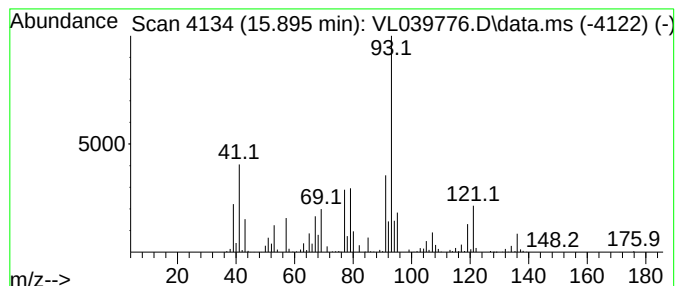
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.895	10.02 ppbv	7777400	Chlorobenzene-d5	11.465	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	87
2	.beta.-Pinene	136	C10H16	000127-91-3	87
3	.alpha.-Pinene	136	C10H16	000080-56-8	83
4	.alpha.-Pinene	136	C10H16	000080-56-8	83
5	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039776.D
Acq On : 25 Oct 2022 3:30
Operator : SY/AP
Sample : N5227-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
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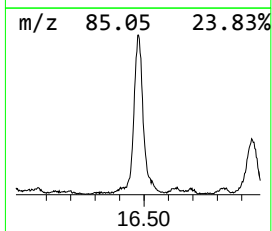
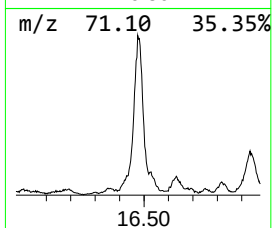
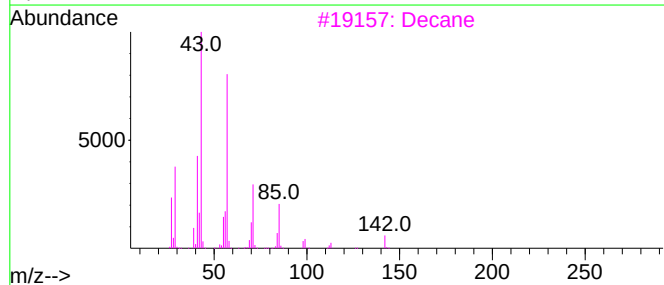
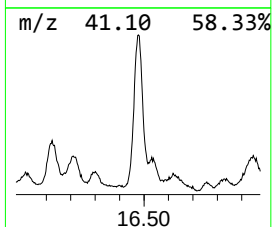
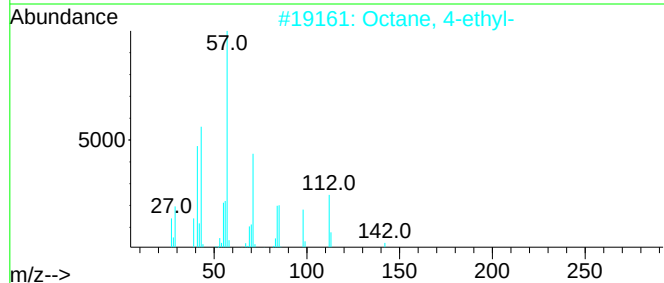
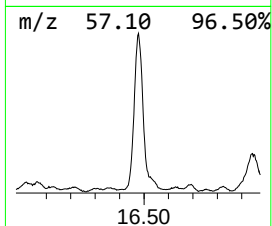
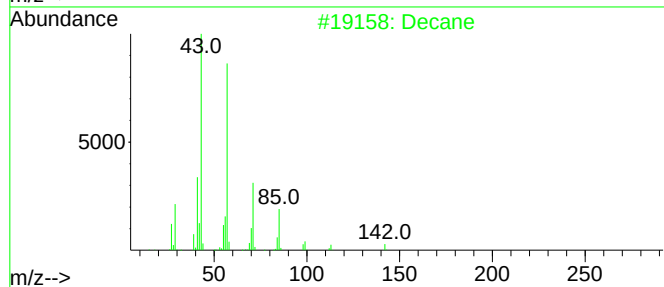
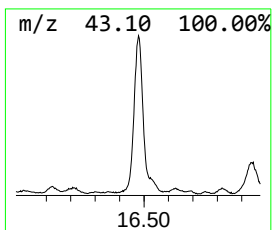
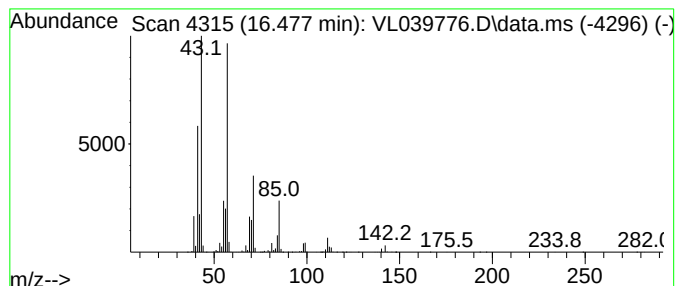
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.477	14.14 ppbv	10980300	Chlorobenzene-d5	11.465

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	93
2	Octane, 4-ethyl-			142	C10H22	015869-86-0	80
3	Decane			142	C10H22	000124-18-5	80
4	Dotriacontane			451	C32H66	000544-85-4	78
5	Decane			142	C10H22	000124-18-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039776.D
Acq On : 25 Oct 2022 3:30
Operator : SY/AP
Sample : N5227-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

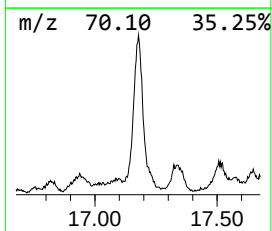
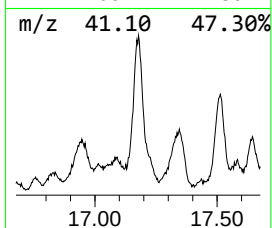
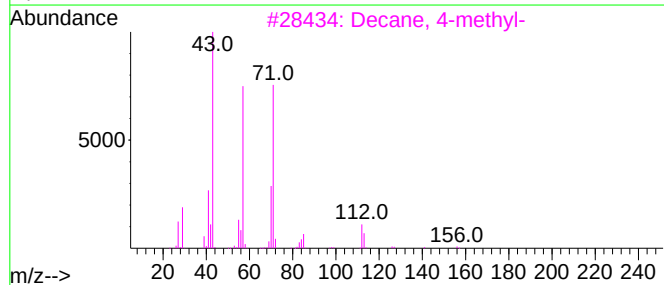
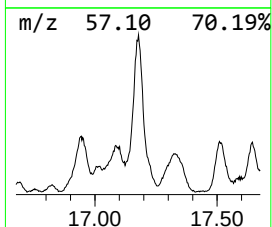
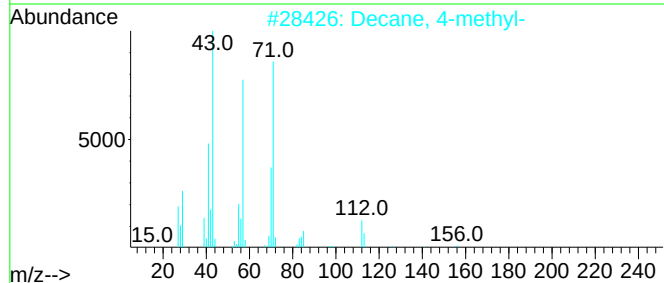
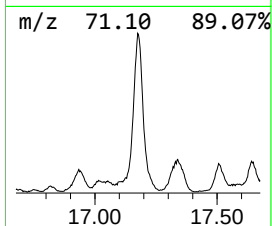
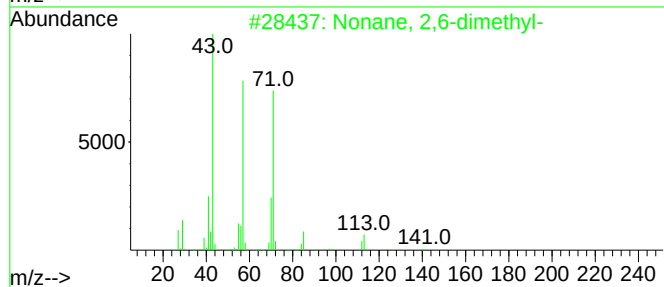
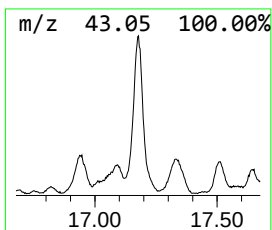
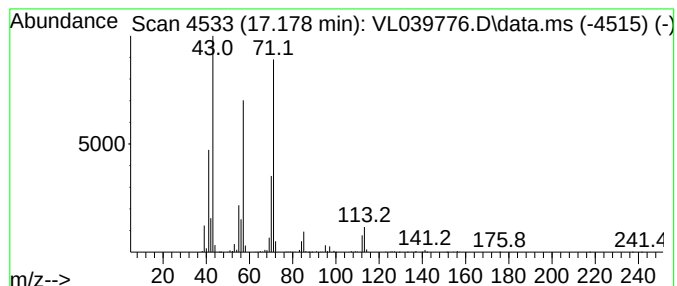
Instrument :
MSVOA_L
ClientSampleId :
D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Nonane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.178	13.19 ppbv	10243400	Chlorobenzene-d5		11.465	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-		156	C11H24	017302-28-2	91
2	Decane, 4-methyl-		156	C11H24	002847-72-5	83
3	Decane, 4-methyl-		156	C11H24	002847-72-5	83
4	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	78
5	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039776.D
Acq On : 25 Oct 2022 3:30
Operator : SY/AP
Sample : N5227-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tricyclo[2.2.1....	14.365	10.3	ppbv	7968270	3	11.465	7765750	10.0
Nonane, 3-methyl-	14.603	8.6	ppbv	6711610	3	11.465	7765750	10.0
.alpha.-Pinene	14.667	17.7	ppbv	13732100	3	11.465	7765750	10.0
Camphene	15.104	21.1	ppbv	16407900	3	11.465	7765750	10.0
Undecane, 5,6-d...	15.223	9.2	ppbv	7106660	3	11.465	7765750	10.0
unknown15.410	15.410	11.7	ppbv	9088560	3	11.465	7765750	10.0
Nonane, 2-methyl-	15.471	9.4	ppbv	7300880	3	11.465	7765750	10.0
Bicyclo[3.1.1]h...	15.895	10.0	ppbv	7777400	3	11.465	7765750	10.0
Decane	16.477	14.1	ppbv	10980300	3	11.465	7765750	10.0
Nonane, 2,6-dim...	17.178	13.2	ppbv	10243400	3	11.465	7765750	10.0