

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040521\
 Data File : VL036681.D
 Acq On : 5 Apr 2021 20:03
 Operator : SY/AP
 Sample : M1834-05 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 3
 Start Thrs: 0.001
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 0

Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.873	15	27	50	rBV	795041	1647378	2.16%	0.177%
2	3.021	57	73	88	rBV3	1154669	2354064	3.09%	0.253%
3	3.205	118	130	154	rBV2	3223453	6259504	8.20%	0.673%
4	3.314	154	164	171	rVV	2109692	3390783	4.44%	0.365%
5	3.359	171	178	197	rVV	3236136	5895454	7.73%	0.634%
6	3.877	319	339	372	rBV2	14121534	35466736	46.48%	3.815%
7	4.012	372	381	395	rVV	1723766	3234954	4.24%	0.348%
8	4.082	395	403	410	rVV2	808797	1409289	1.85%	0.152%
9	4.134	410	419	437	rVV	6773629	12875349	16.88%	1.385%
10	4.214	437	444	464	rVV4	676062	1319150	1.73%	0.142%
11	4.372	481	493	519	rVB	3024847	5887509	7.72%	0.633%
12	4.600	541	564	586	rBV	1237020	2664432	3.49%	0.287%
13	5.063	693	708	716	rBV	6703582	13757782	18.03%	1.480%
14	5.118	716	725	754	rVV	9843825	23429661	30.71%	2.520%
15	5.243	754	764	793	rVV	6655927	16259323	21.31%	1.749%
16	5.378	793	806	823	rVV	6157484	13763013	18.04%	1.480%
17	5.462	823	832	857	rVB5	924101	2595664	3.40%	0.279%
18	5.693	884	904	925	rBV3	6994900	19110788	25.05%	2.055%
19	5.783	925	932	938	rVV4	631626	1265468	1.66%	0.136%
20	5.832	938	947	963	rVV2	2010204	4277746	5.61%	0.460%
21	5.918	963	974	988	rVV3	1180857	2692218	3.53%	0.290%
22	5.992	988	997	1017	rVB5	360483	808293	1.06%	0.087%
23	6.124	1024	1038	1057	rBV2	1693492	3533291	4.63%	0.380%
24	6.230	1059	1071	1086	rVB3	616498	1311771	1.72%	0.141%
25	6.352	1086	1109	1136	rBV4	6661441	25500819	33.42%	2.743%
26	6.526	1148	1163	1184	rVB3	489015	1189510	1.56%	0.128%
27	6.841	1246	1261	1270	rBV2	1341820	2867787	3.76%	0.308%
28	6.902	1270	1280	1297	rVV	1714233	3925193	5.14%	0.422%
29	7.002	1297	1311	1321	rVV2	812480	1897400	2.49%	0.204%
30	7.140	1340	1354	1360	rBV	2791575	5705725	7.48%	0.614%
31	7.185	1360	1368	1381	rVV	4518515	10253581	13.44%	1.103%
32	7.266	1381	1393	1405	rVV	5717966	13612248	17.84%	1.464%
33	7.343	1405	1417	1441	rVB2	6538794	16066649	21.06%	1.728%
34	7.500	1443	1466	1488	rBV2	6317092	16913418	22.17%	1.819%

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Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

35	7.729	1521	1537	1547	rBV3	1611278	3961953	5.19%	0.426%
36	7.803	1547	1560	1570	rVV4	1828048	5512815	7.23%	0.593%
37	7.889	1570	1587	1614	rVV	24059340	76297714	100.00%	8.206%
38	8.140	1651	1665	1676	rBV4	4454481	10367990	13.59%	1.115%
39	8.201	1676	1684	1700	rVB4	1540779	3741235	4.90%	0.402%
40	8.333	1713	1725	1736	rBV3	407372	875651	1.15%	0.094%
41	8.410	1736	1749	1760	rVV3	453569	1020674	1.34%	0.110%
42	8.494	1762	1775	1785	rVV5	591297	1505778	1.97%	0.162%
43	8.793	1850	1868	1869	rBV4	1147960	1954867	2.56%	0.210%
44	8.831	1869	1880	1920	rVB3	4111986	12231844	16.03%	1.316%
45	9.060	1936	1951	1962	rBV2	4751741	11336647	14.86%	1.219%
46	9.134	1962	1974	2010	rVB4	5641378	19509575	25.57%	2.098%
47	9.368	2032	2047	2065	rBV5	1074358	2738222	3.59%	0.295%
48	9.581	2092	2113	2119	rBV7	541691	1345316	1.76%	0.145%
49	9.655	2119	2136	2167	rVV	14170068	39633846	51.95%	4.263%
50	9.819	2167	2187	2209	rVV2	16296302	45034129	59.02%	4.844%
51	9.931	2209	2222	2237	rVV2	3848664	9799631	12.84%	1.054%
52	10.069	2251	2265	2275	rVV2	2742360	6350516	8.32%	0.683%
53	10.137	2275	2286	2300	rVV6	1605884	4678805	6.13%	0.503%
54	10.220	2300	2312	2325	rVV4	753671	1848303	2.42%	0.199%
55	10.310	2325	2340	2369	rVV2	2478633	7328183	9.60%	0.788%
56	10.503	2387	2400	2411	rVV5	1069389	2598960	3.41%	0.280%
57	10.645	2427	2444	2470	rBV	5143308	14865463	19.48%	1.599%
58	10.793	2479	2490	2502	rVB4	421374	950742	1.25%	0.102%
59	11.095	2570	2584	2604	rVB4	2042099	5230124	6.85%	0.563%
60	11.320	2637	2654	2665	rBV3	890943	2259955	2.96%	0.243%
61	11.645	2738	2755	2767	rBV4	865735	2148519	2.82%	0.231%
62	11.838	2793	2815	2833	rBV6	519966	1387901	1.82%	0.149%
63	12.027	2856	2874	2882	rBV5	506980	1271011	1.67%	0.137%
64	12.098	2882	2896	2918	rVV	4853585	12435439	16.30%	1.337%
65	12.214	2918	2932	2933	rVV4	564531	1202739	1.58%	0.129%
66	12.243	2933	2941	2964	rVV2	772575	2185985	2.87%	0.235%
67	12.359	2964	2977	2989	rVV4	402362	940103	1.23%	0.101%
68	12.725	3076	3091	3110	rVB5	2133021	5341532	7.00%	0.574%
69	12.976	3156	3169	3193	rVB3	2228981	6824299	8.94%	0.734%
70	13.105	3193	3209	3223	rBV7	856649	2466193	3.23%	0.265%
71	13.326	3262	3278	3296	rVB2	843403	2435857	3.19%	0.262%

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72	13.584	3346	3358	3372	rVB5	718760	2057781	2.70%	0.221%
73	13.699	3383	3394	3407	rVB4	760903	1737055	2.28%	0.187%
74	13.809	3410	3428	3447	rBV3	671229	1976250	2.59%	0.213%
75	14.159	3524	3537	3547	rBV3	354508	806892	1.06%	0.087%
76	14.426	3602	3620	3639	rBV2	4931543	12378549	16.22%	1.331%
77	15.185	3835	3856	3867	rBV4	574183	1817448	2.38%	0.195%
78	15.326	3890	3900	3916	rVB3	415334	1015756	1.33%	0.109%
79	15.770	4017	4038	4055	rBV9	411563	1347744	1.77%	0.145%
80	15.863	4055	4067	4091	rVB7	312504	957092	1.25%	0.103%
81	16.140	4132	4153	4176	rVB	7724123	20507476	26.88%	2.206%
82	16.323	4201	4210	4229	rVB10	252067	789503	1.03%	0.085%
83	16.449	4229	4249	4260	rBV2	690121	1870867	2.45%	0.201%
84	16.532	4260	4275	4290	rVV	2938940	7736734	10.14%	0.832%
85	16.609	4290	4299	4307	rVV6	465310	1200692	1.57%	0.129%
86	16.674	4307	4319	4327	rVV5	1493667	3984533	5.22%	0.429%
87	16.719	4327	4333	4351	rVB3	967821	2257470	2.96%	0.243%
88	16.995	4400	4419	4428	rBV4	558655	1640208	2.15%	0.176%
89	17.072	4428	4443	4457	rVV4	2419983	7963703	10.44%	0.857%
90	17.146	4457	4466	4487	rVV4	1494371	4253939	5.58%	0.458%
91	17.288	4490	4510	4539	rVB5	1279103	3757581	4.92%	0.404%
92	17.702	4619	4639	4654	rBV2	2405814	6935854	9.09%	0.746%
93	17.783	4654	4664	4680	rVB6	260465	788953	1.03%	0.085%
94	17.953	4697	4717	4743	rBV2	11013093	31397680	41.15%	3.377%
95	18.191	4768	4791	4810	rBV	5127348	14600921	19.14%	1.570%
96	18.378	4827	4849	4889	rVV2	15855287	55205017	72.35%	5.937%
97	18.567	4889	4908	4922	rBV4	720233	2189351	2.87%	0.235%
98	18.731	4942	4959	4972	rBV4	1727029	4647781	6.09%	0.500%
99	18.834	4972	4991	5004	rVV4	3100344	9918911	13.00%	1.067%
100	18.928	5004	5020	5050	rVV2	11502996	41986354	55.03%	4.516%
101	19.079	5050	5067	5096	rVB2	8863111	25674223	33.65%	2.761%
102	19.230	5096	5114	5128	rBV5	1589981	4575099	6.00%	0.492%
103	19.474	5166	5190	5221	rVB5	6477817	22652312	29.69%	2.436%
104	19.641	5221	5242	5243	rBV4	660046	1337648	1.75%	0.144%
105	19.654	5243	5246	5259	rVV4	607520	1362749	1.79%	0.147%
106	19.744	5259	5274	5275	rVV	1190665	2173513	2.85%	0.234%
107	19.751	5275	5276	5291	rVV5	1170142	2389335	3.13%	0.257%
108	19.834	5291	5302	5320	rVB3	1370550	3541693	4.64%	0.381%
109	20.053	5369	5370	5394	rVB4	795057	1471387	1.93%	0.158%

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SV5

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\VL032521AIR.M
Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

110 20.429 5472 5487 5507 rVB5 703906 2112728 2.77% 0.227%

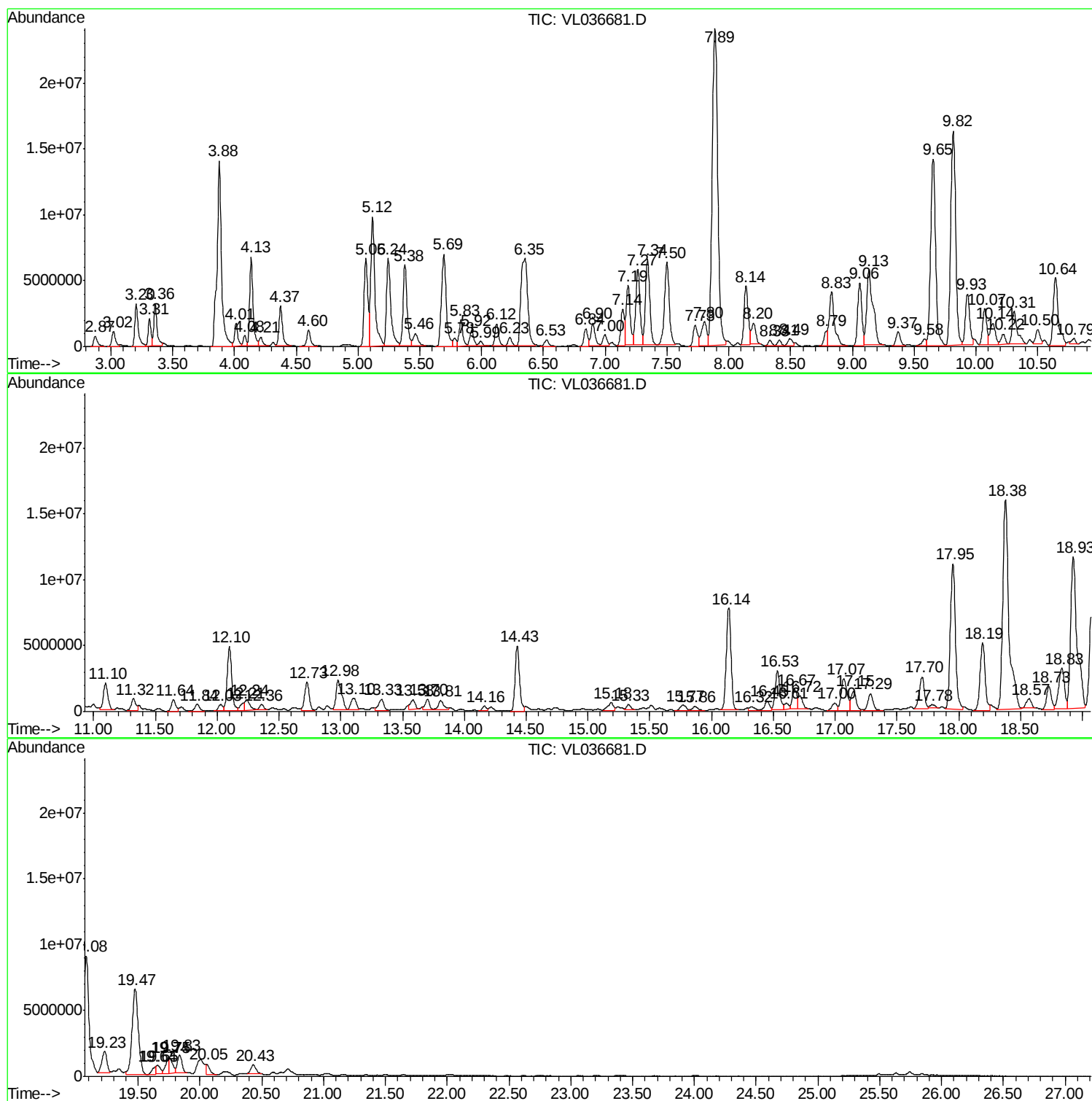
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Instrument :
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ClientSampled :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

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



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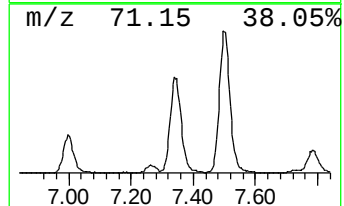
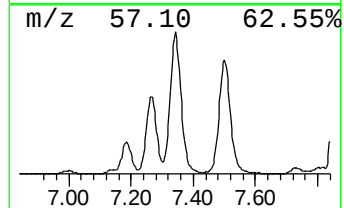
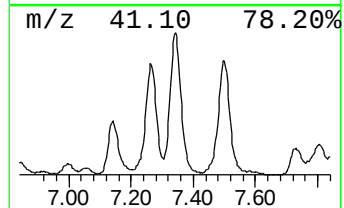
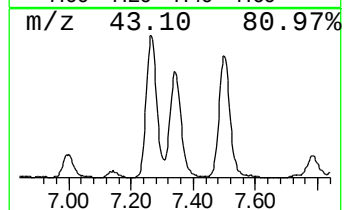
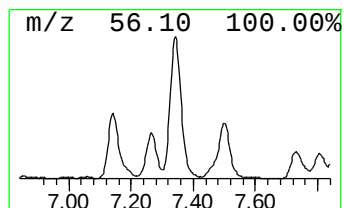
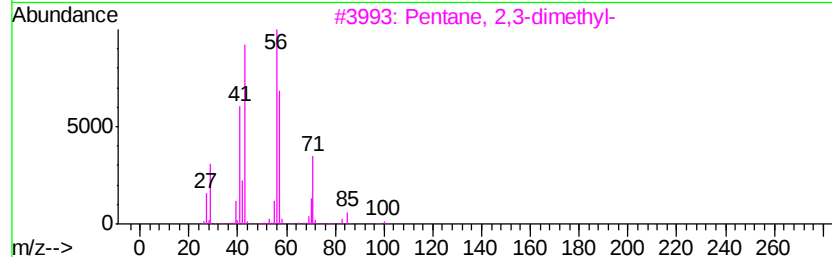
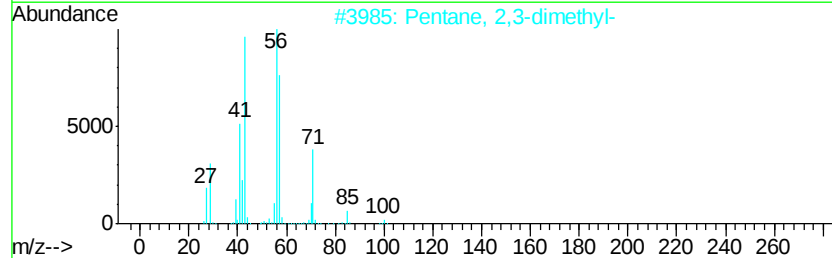
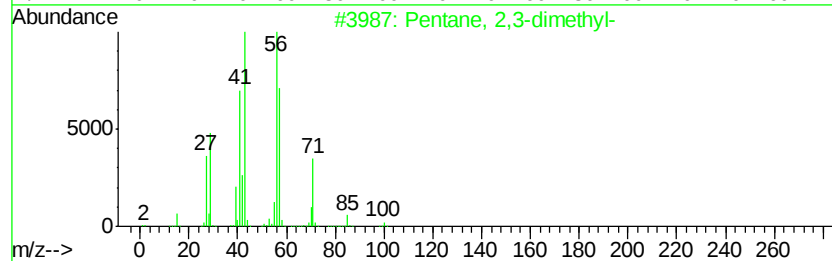
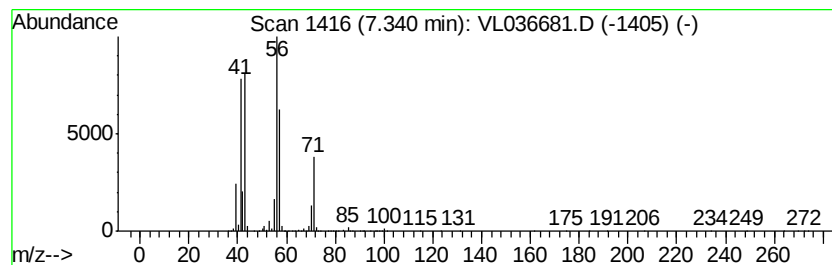
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	15.67 ppbv	16066600	1,4-Difluorobenzene	7.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
5		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	50



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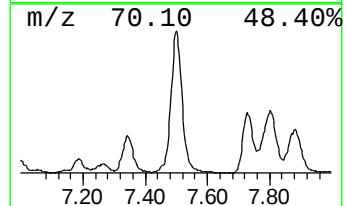
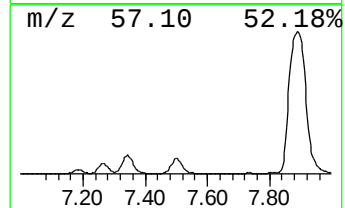
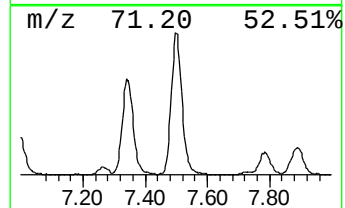
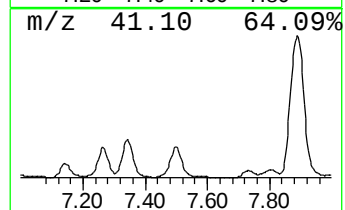
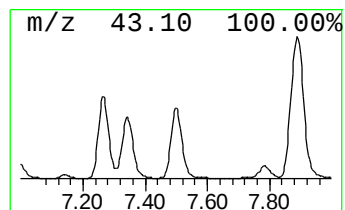
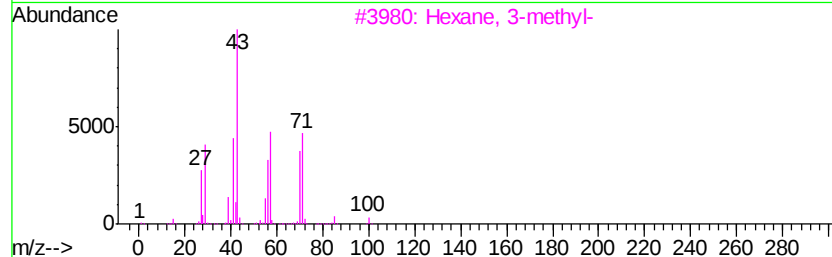
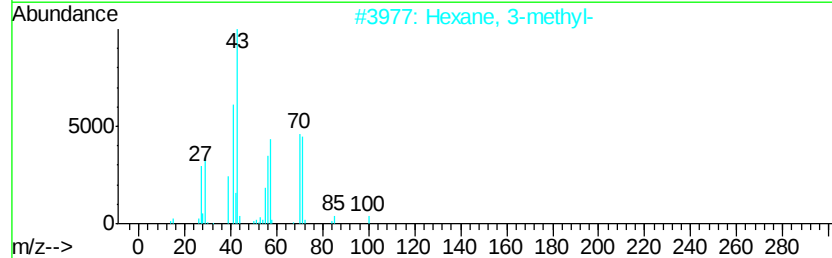
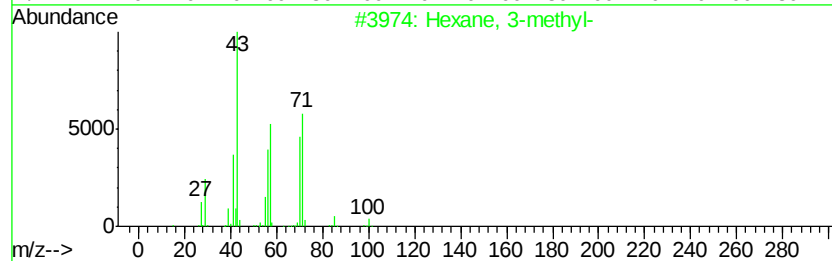
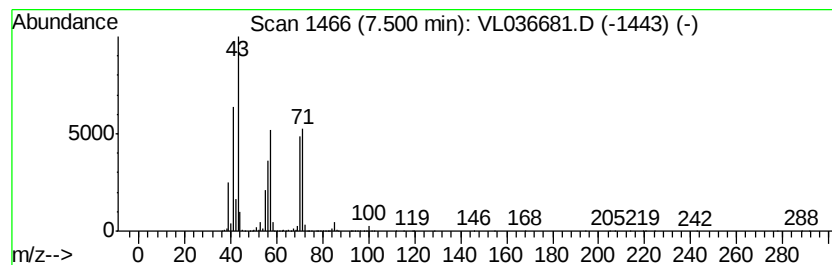
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	16.50 ppbv	16913400	1,4-Difluorobenzene	7.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	74
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	72
4		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
5		Pentane, 3-ethyl-	100	C7H16	000617-78-7	59



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ClientSampleId :
SV5

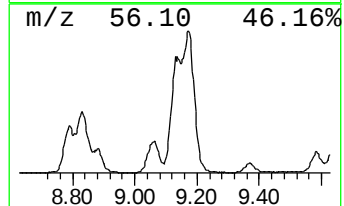
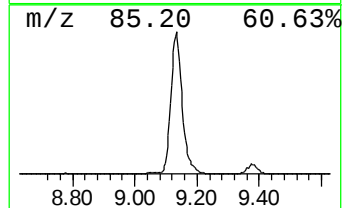
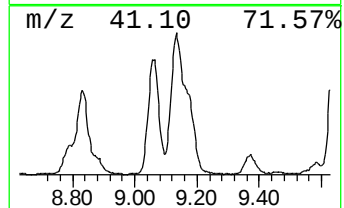
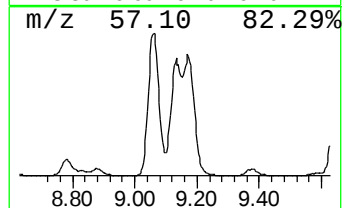
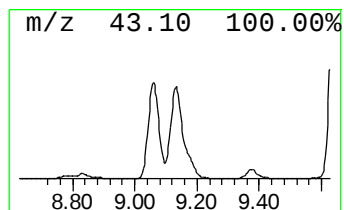
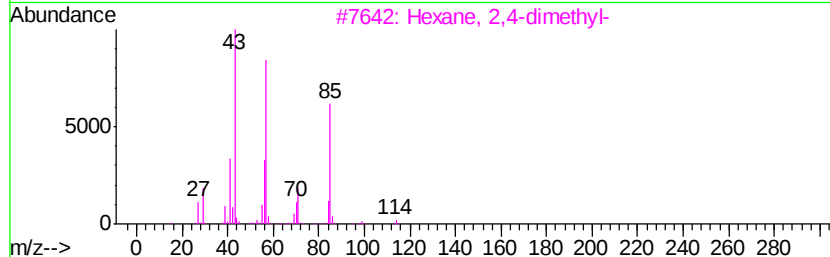
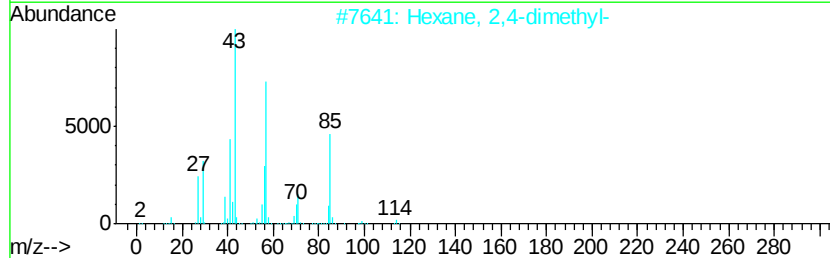
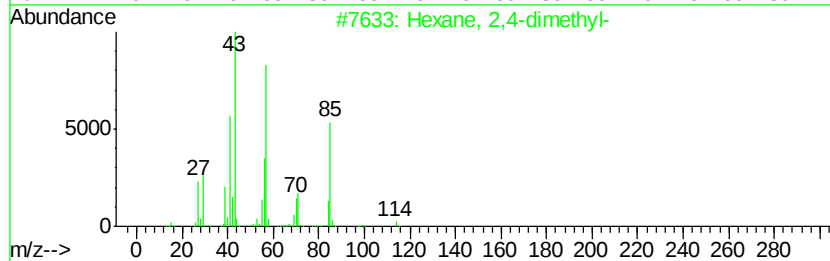
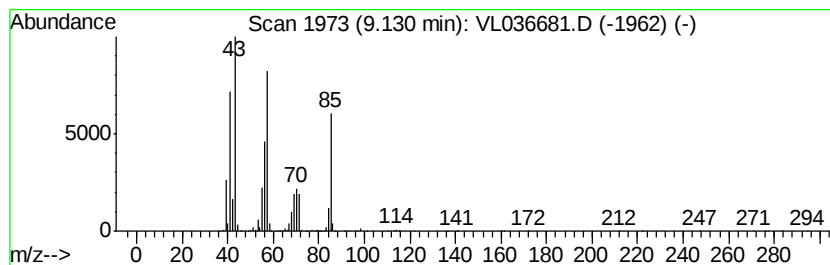
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

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

Peak Number 3 Hexane, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	19.03 ppbv	19509600	1,4-Difluorobenzene	7.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	90
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	86
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4		Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	59
5		Octane	114	C8H18	000111-65-9	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040521\
Data File : VL036681.D
Acq On : 5 Apr 2021 20:03
Operator : SY/AP
Sample : M1834-05 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV5

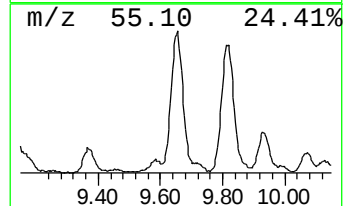
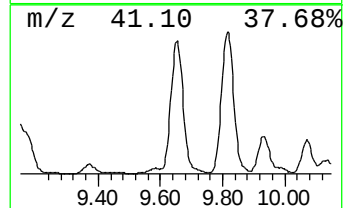
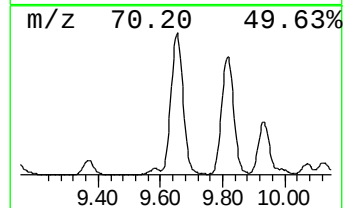
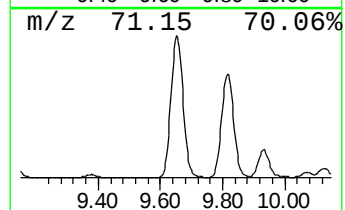
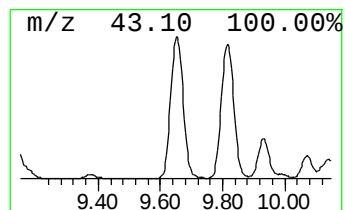
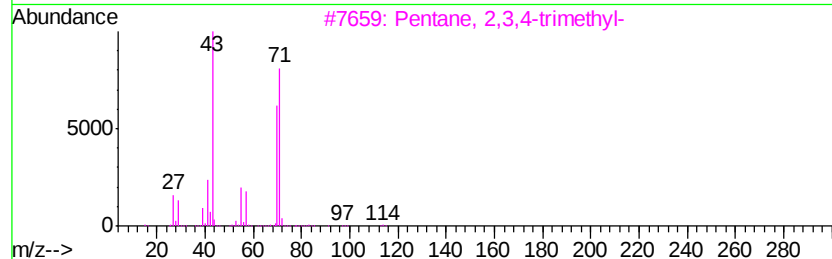
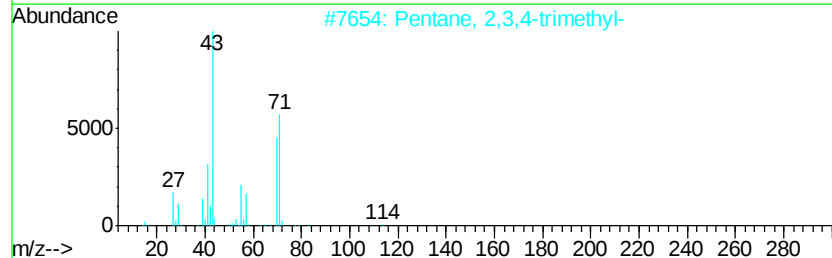
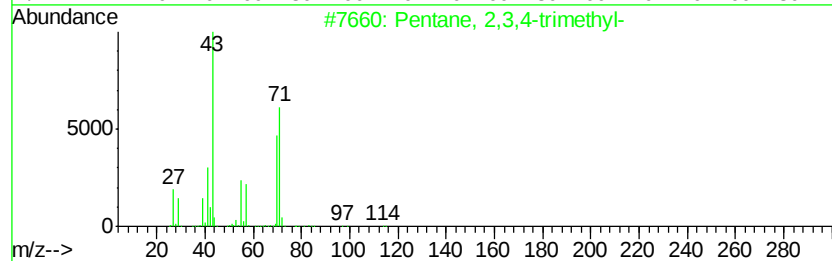
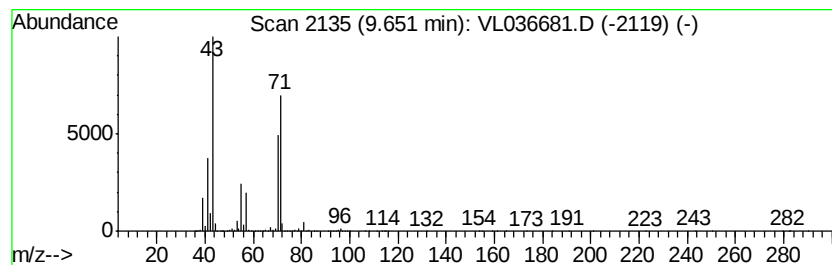
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

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

Peak Number 4 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	31.87 ppbv	39633800	Chlorobenzene-d5	12.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
4			Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040521\
Data File : VL036681.D
Acq On : 5 Apr 2021 20:03
Operator : SY/AP
Sample : M1834-05 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
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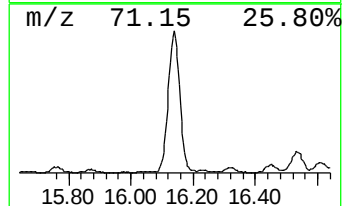
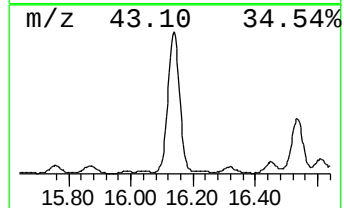
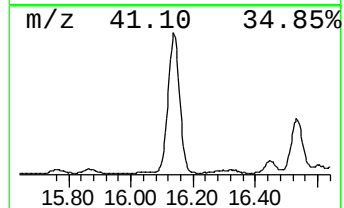
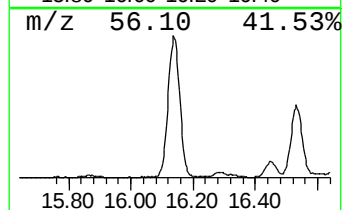
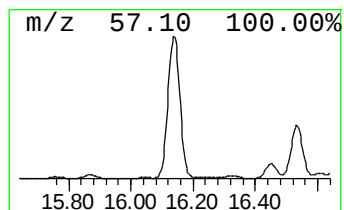
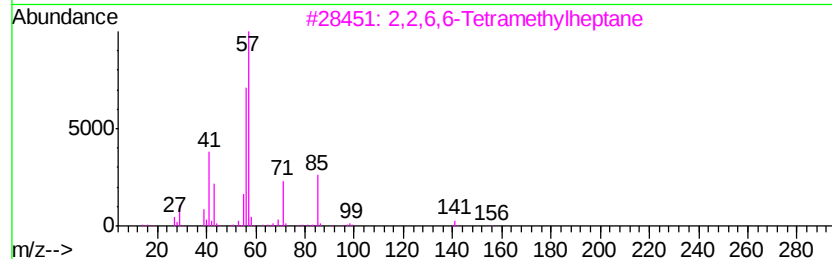
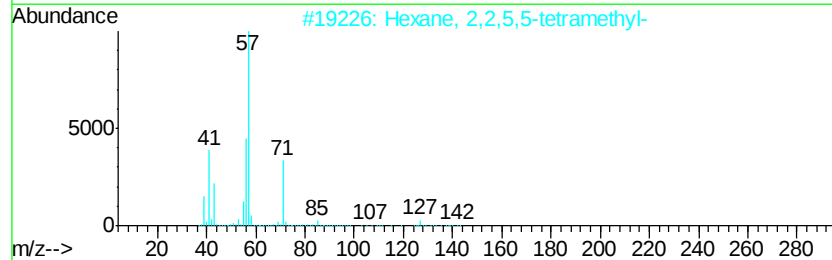
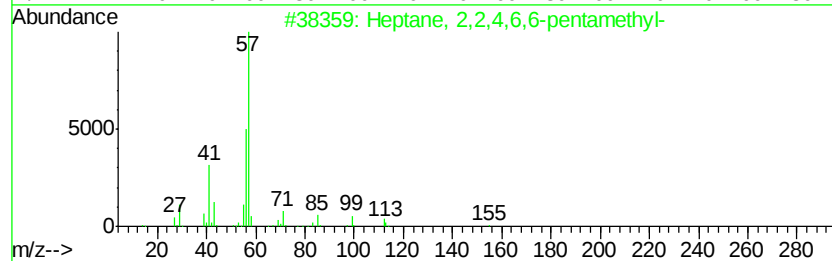
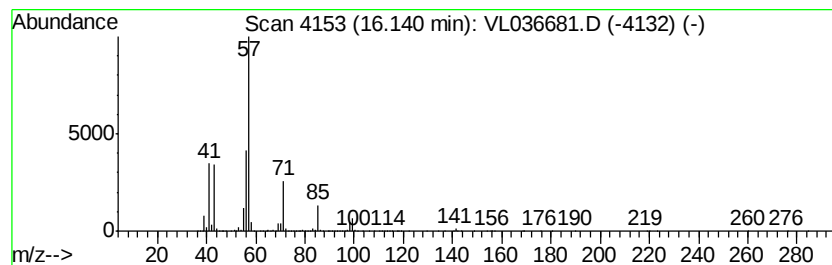
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

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

Peak Number 5 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	16.49 ppbv	20507500	Chlorobenzene-d5	12.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26		013475-82-6	64
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22		001071-81-4	59
3	2,2,6,6-Tetramethylheptane	156	C11H24		040117-45-1	50
4	Octane, 2,2-dimethyl-	142	C10H22		015869-87-1	50
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20		016747-32-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040521\
Data File : VL036681.D
Acq On : 5 Apr 2021 20:03
Operator : SY/AP
Sample : M1834-05 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV5

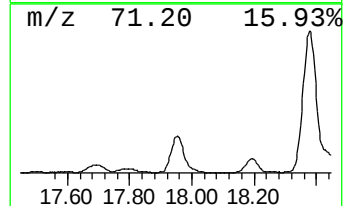
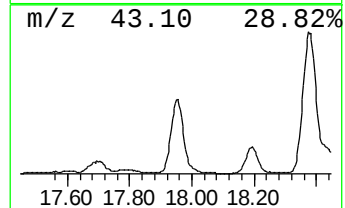
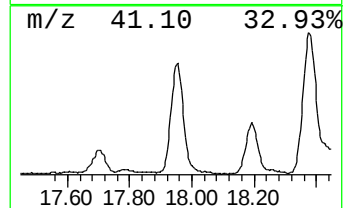
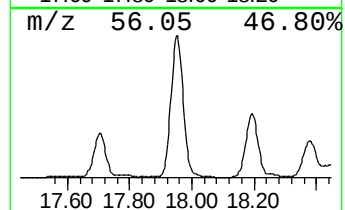
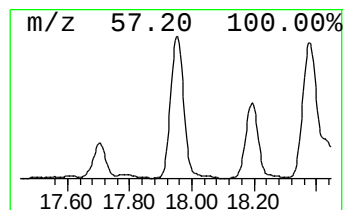
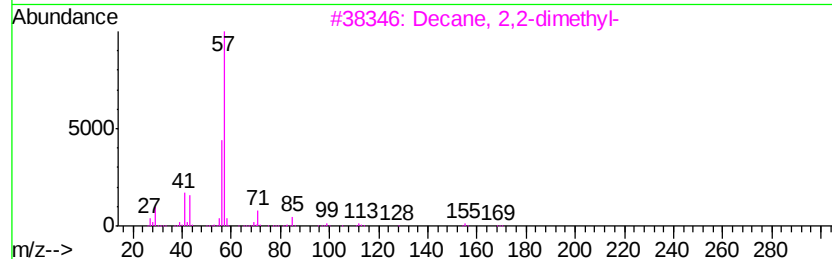
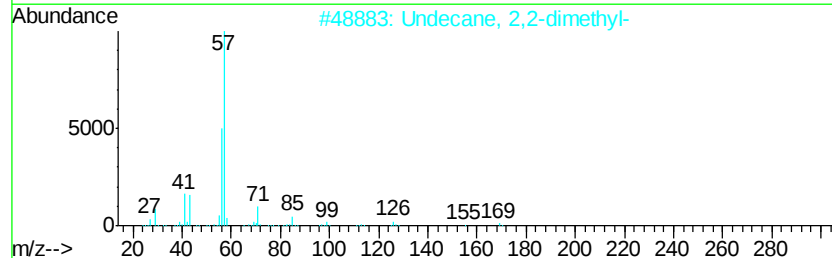
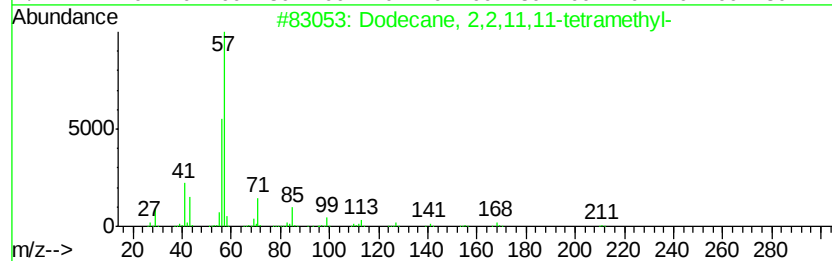
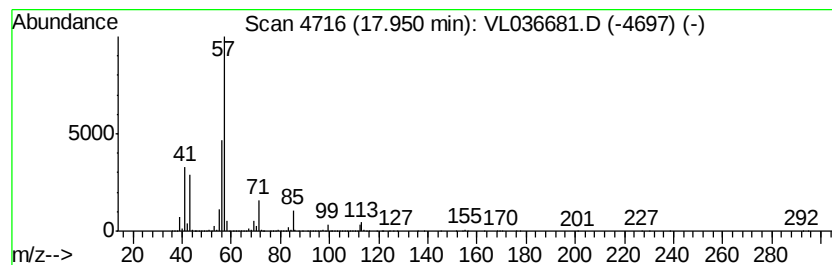
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

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

Peak Number 6 Dodecane, 2,2,11,11-tetrame... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	25.25 ppbv	31397700	Chlorobenzene-d5	12.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	83
2			Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	78
3			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
4			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	78
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040521\
Data File : VL036681.D
Acq On : 5 Apr 2021 20:03
Operator : SY/AP
Sample : M1834-05 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

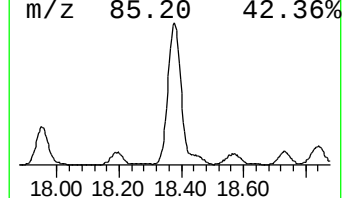
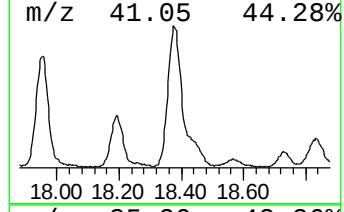
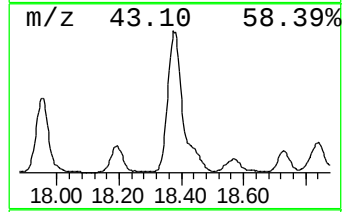
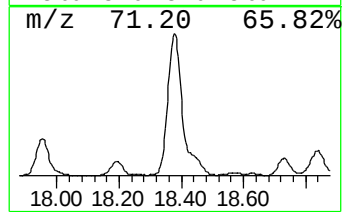
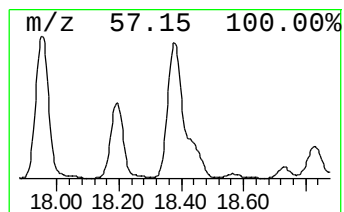
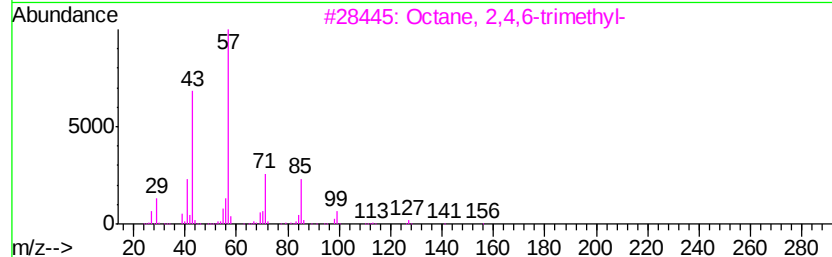
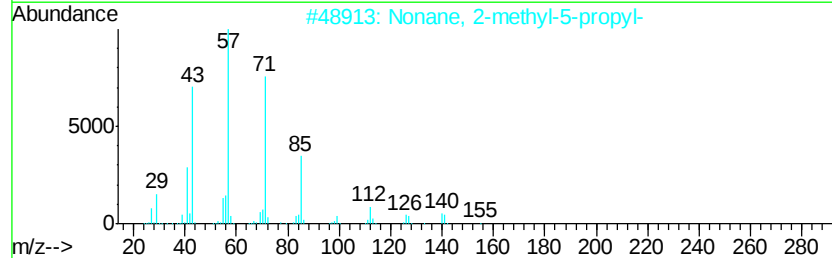
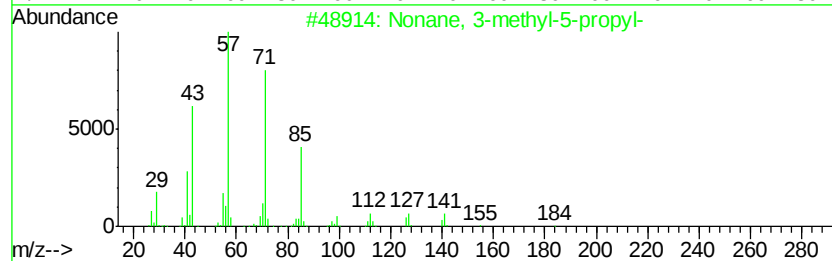
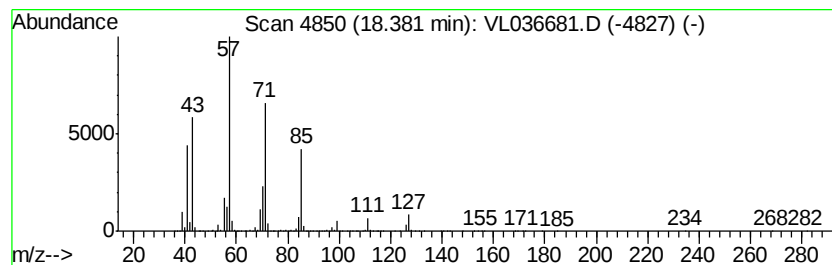
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

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

Peak Number 7 Nonane, 3-methyl-5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.38	44.39 ppbv	55205000	Chlorobenzene-d5	12.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-		184	C13H28	031081-18-2	78
2	Nonane, 2-methyl-5-propyl-		184	C13H28	031081-17-1	64
3	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	64
4	Decane, 3-methyl-		156	C11H24	013151-34-3	59
5	Dodecane, 4-methyl-		184	C13H28	006117-97-1	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040521\
Data File : VL036681.D
Acq On : 5 Apr 2021 20:03
Operator : SY/AP
Sample : M1834-05 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
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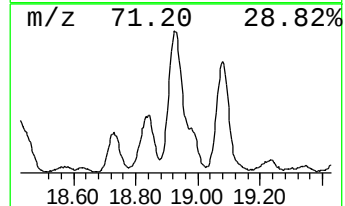
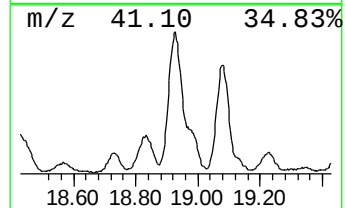
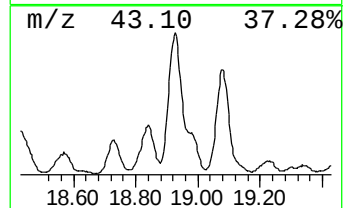
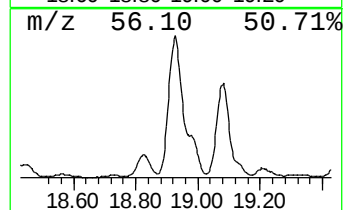
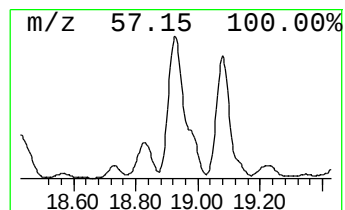
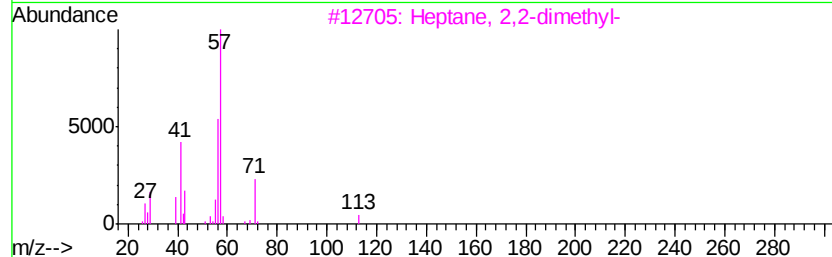
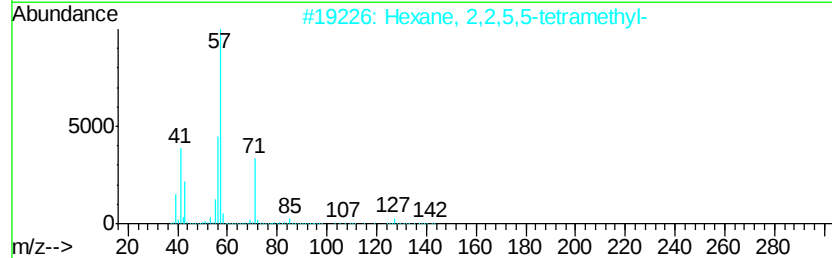
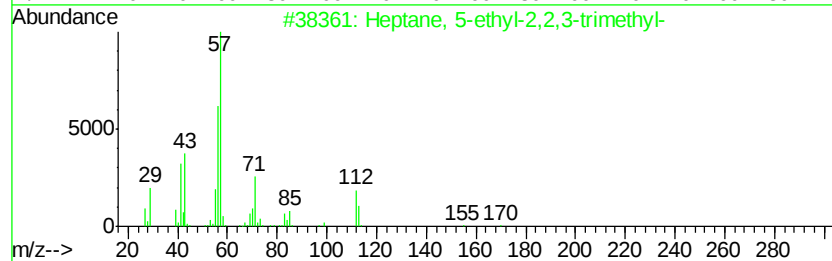
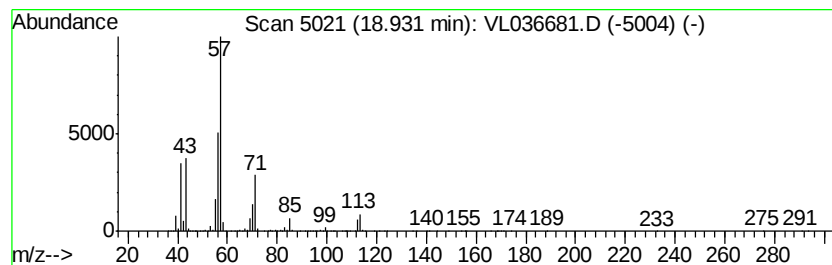
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

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

Peak Number 8 Heptane, 5-ethyl-2,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	33.76 ppbv	41986400	Chlorobenzene-d5	12.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26		062199-06-8	83
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22		001071-81-4	59
3	Heptane, 2,2-dimethyl-	128	C9H20		001071-26-7	59
4	Octane, 2,6-dimethyl-	142	C10H22		002051-30-1	53
5	Heptane, 2,2-dimethyl-	128	C9H20		001071-26-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040521\
Data File : VL036681.D
Acq On : 5 Apr 2021 20:03
Operator : SY/AP
Sample : M1834-05 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

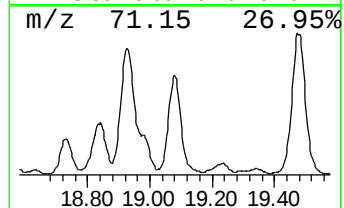
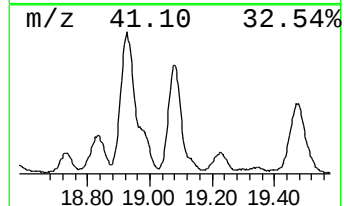
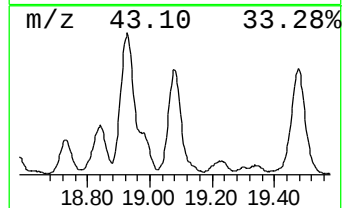
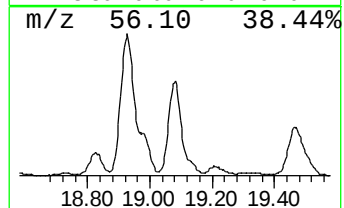
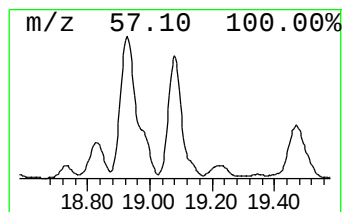
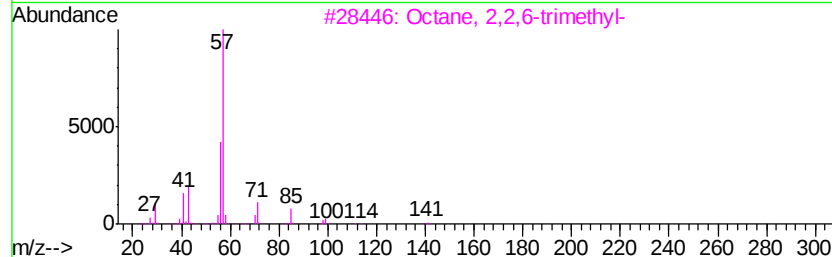
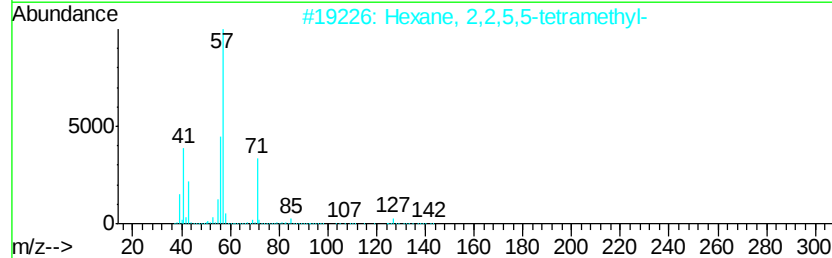
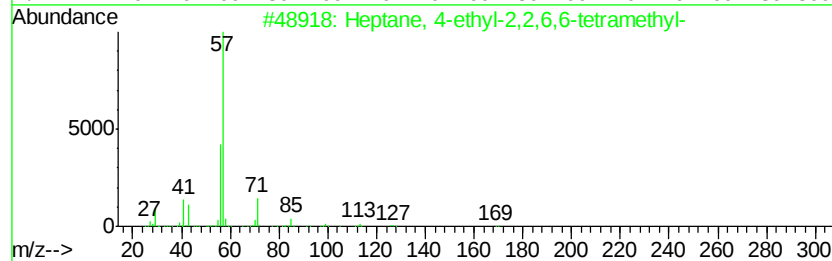
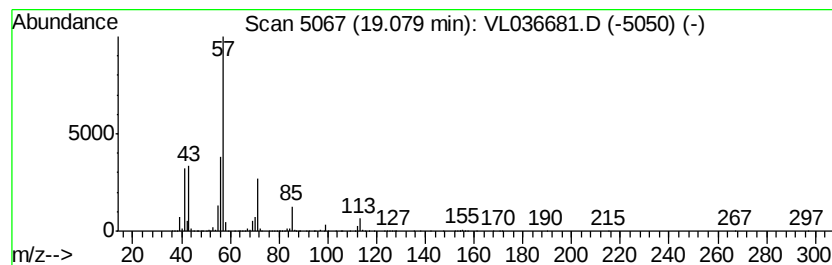
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ClientSampleId :
SV5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

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

Peak Number 9 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	20.65 ppbv	25674200	Chlorobenzene-d5	12.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184 C13H28	062108-31-0	72
2	Hexane, 2,2,5,5-tetramethyl-	142 C10H22	001071-81-4	59
3	Octane, 2,2,6-trimethyl-	156 C11H24	062016-28-8	59
4	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	56
5	Heptane, 2,2-dimethyl-	128 C9H20	001071-26-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040521\
Data File : VL036681.D
Acq On : 5 Apr 2021 20:03
Operator : SY/AP
Sample : M1834-05 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

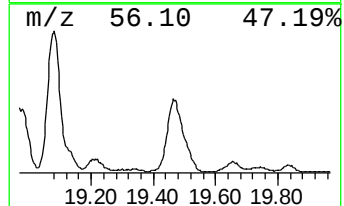
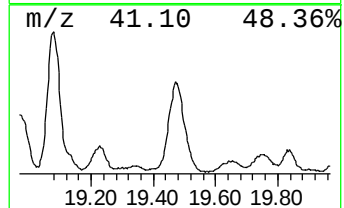
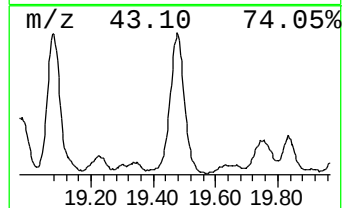
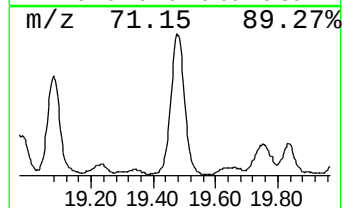
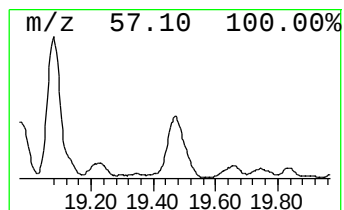
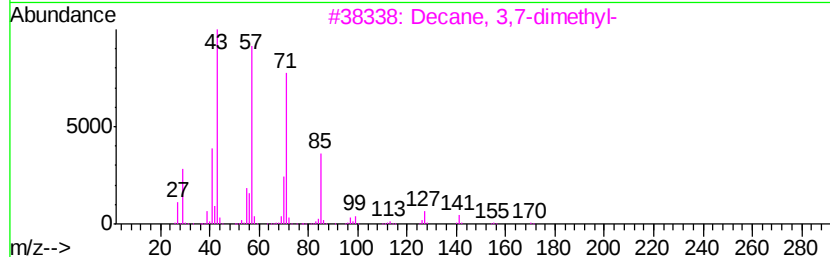
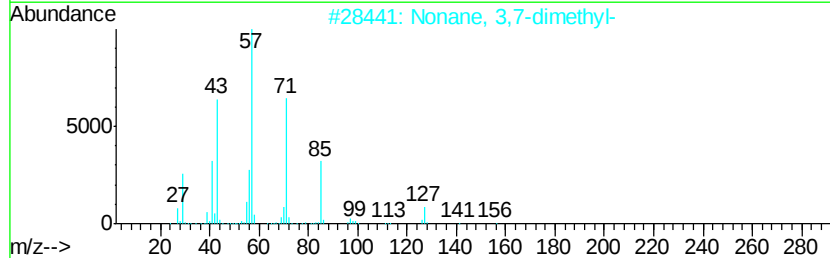
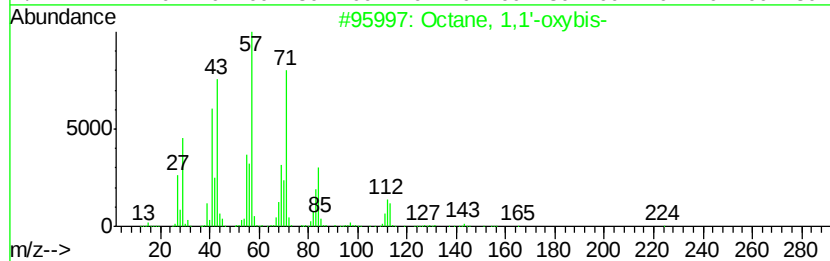
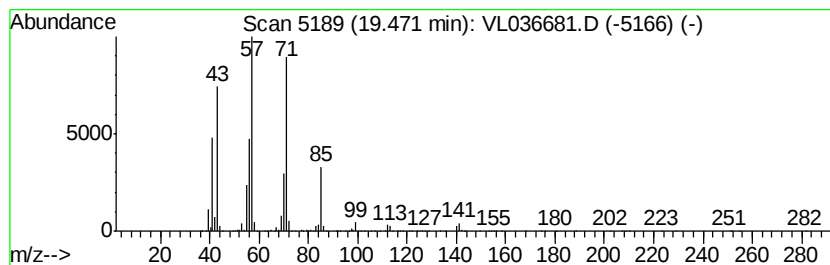
Instrument :
MSVOA_L
ClientSampleId :
SV5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

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

Peak Number 10 Octane, 1,1'-oxybis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	18.22 ppbv	22652300	Chlorobenzene-d5	12.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 1,1'-oxybis-	242 C16H34O	000629-82-3 64
2		Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8 59
3		Decane, 3,7-dimethyl-	170 C12H26	017312-54-8 59
4		Heptane, 3,3,5-trimethyl-	142 C10H22	007154-80-5 50
5		Isobutyl 3-methylbutan-2-yl carb...	188 C10H20O3	1000372-77-0 50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
 Data File : VL036681.D
 Acq On : 5 Apr 2021 20:03
 Operator : SY/AP
 Sample : M1834-05 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,3-dime...	7.34	15.7	ppbv	16066600	2	7.19	10253600	10.0
Hexane, 3-methyl-	7.50	16.5	ppbv	16913400	2	7.19	10253600	10.0
Hexane, 2,4-dimet...	9.13	19.0	ppbv	19509600	2	7.19	10253600	10.0
Pentane, 2,3,4-tr...	9.65	31.9	ppbv	39633800	3	12.10	12435400	10.0
Heptane, 2,2,4,6,...	16.14	16.5	ppbv	20507500	3	12.10	12435400	10.0
Dodecane, 2,2,11,...	17.95	25.3	ppbv	31397700	3	12.10	12435400	10.0
Nonane, 3-methyl-...	18.38	44.4	ppbv	55205000	3	12.10	12435400	10.0
Heptane, 5-ethyl-...	18.93	33.8	ppbv	41986400	3	12.10	12435400	10.0
Heptane, 4-ethyl-...	19.08	20.6	ppbv	25674200	3	12.10	12435400	10.0
Octane, 1,1'-oxybis-	19.47	18.2	ppbv	22652300	3	12.10	12435400	10.0