

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
 Data File : VL042204.D
 Acq On : 31 Mar 2025 11:06
 Operator : SY/MD
 Sample : Q1669-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-DUP-1-3262025

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\VL032725AIR.M

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

Signal : TIC: VL042204.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.431	412	415	418	rBV	4336445	3639684	100.00%	11.027%
2	1.444	418	419	424	rVB	4288251	2184320	60.01%	6.618%
3	1.489	429	433	437	rVV	1580304	769958	21.15%	2.333%
4	1.515	439	441	446	rVB	116067	80166	2.20%	0.243%
5	1.567	453	457	462	rVB	750973	374455	10.29%	1.134%
6	1.609	466	470	474	rVV2	687729	491921	13.52%	1.490%
7	1.628	474	476	481	rVV	1049956	601157	16.52%	1.821%
8	1.651	481	483	490	rVB2	79196	48212	1.32%	0.146%
9	1.693	490	496	503	rVB2	65834	66131	1.82%	0.200%
10	1.732	503	508	517	rBV	386007	234378	6.44%	0.710%
11	1.855	539	546	552	rBV2	1630918	1759533	48.34%	5.331%
12	1.900	553	560	563	rBV2	47968	47357	1.30%	0.143%
13	1.952	571	576	579	rBV	80820	60018	1.65%	0.182%
14	1.975	579	583	588	rVV	900137	635595	17.46%	1.926%
15	2.004	588	592	593	rVV	82563	59553	1.64%	0.180%
16	2.013	593	595	600	rVV2	101776	68299	1.88%	0.207%
17	2.059	603	609	612	rVV2	56630	47881	1.32%	0.145%
18	2.091	615	619	629	rVB	142872	125549	3.45%	0.380%
19	2.188	645	649	651	rBV2	68461	51766	1.42%	0.157%
20	2.204	651	654	660	rVB2	78783	72827	2.00%	0.221%
21	2.454	723	731	737	rBV4	183897	239634	6.58%	0.726%
22	2.489	737	742	750	rVB	653028	641542	17.63%	1.944%
23	2.577	763	769	780	rVB	386902	374331	10.28%	1.134%
24	2.641	780	789	797	rVB	339626	356245	9.79%	1.079%
25	2.700	797	807	816	rBV3	42969	59903	1.65%	0.181%
26	2.806	831	840	846	rBV2	703503	721653	19.83%	2.186%
27	2.845	846	852	865	rVB	458176	519676	14.28%	1.574%
28	3.081	920	925	934	rBV	126446	148678	4.08%	0.450%
29	3.253	968	978	986	rBV	231803	313025	8.60%	0.948%
30	3.308	986	995	1004	rVB4	74840	112417	3.09%	0.341%
31	3.680	1095	1110	1120	rBV2	471261	727679	19.99%	2.205%
32	3.884	1160	1173	1184	rBV2	121557	205804	5.65%	0.624%
33	3.984	1192	1204	1218	rVB	872727	1388990	38.16%	4.208%
34	4.082	1222	1234	1242	rVV2	125516	235542	6.47%	0.714%
35	4.120	1242	1246	1259	rVB5	62706	107636	2.96%	0.326%
36	4.295	1289	1300	1318	rVB3	126428	256363	7.04%	0.777%

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Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 3

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Stop Thrs : 0

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Peak separation: 0

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

37	4.476	1344	1356	1367	rBV7	36571	71191	1.96%	0.216%
38	4.557	1367	1381	1393	rVV10	33610	92469	2.54%	0.280%
39	4.632	1393	1404	1405	rVV4	45697	68636	1.89%	0.208%
40	4.674	1405	1417	1435	rVB2	230571	524553	14.41%	1.589%
41	5.017	1510	1523	1535	rVB5	120337	248881	6.84%	0.754%
42	5.710	1714	1737	1753	rVB5	125968	346825	9.53%	1.051%
43	5.816	1757	1770	1791	rBV7	36446	103626	2.85%	0.314%
44	6.308	1913	1922	1937	rVB7	35118	87575	2.41%	0.265%
45	6.859	2080	2092	2105	rVB5	65390	141818	3.90%	0.430%
46	6.969	2110	2126	2146	rVB2	826253	1712101	47.04%	5.187%
47	7.218	2191	2203	2215	rBV5	35097	71524	1.97%	0.217%
48	7.409	2251	2262	2271	rBV3	66629	131735	3.62%	0.399%
49	7.632	2317	2331	2332	rBV4	70048	104908	2.88%	0.318%
50	7.648	2332	2336	2345	rVB4	61749	94351	2.59%	0.286%
51	7.710	2353	2355	2368	rVB10	27294	45869	1.26%	0.139%
52	7.923	2410	2421	2430	rBV3	44619	88627	2.44%	0.269%
53	8.030	2445	2454	2468	rVB6	22165	51729	1.42%	0.157%
54	8.163	2484	2495	2506	rBV5	28257	53108	1.46%	0.161%
55	8.331	2530	2547	2561	rVB5	128310	252433	6.94%	0.765%
56	8.907	2710	2725	2737	rBV	1157230	1743820	47.91%	5.283%
57	9.173	2799	2807	2822	rVB4	36935	60586	1.66%	0.184%
58	9.380	2861	2871	2885	rBV	200131	306473	8.42%	0.929%
59	9.555	2915	2925	2942	rVB	529393	1033055	28.38%	3.130%
60	9.655	2948	2956	2970	rBV	270169	387770	10.65%	1.175%
61	9.755	2985	2987	2999	rVB2	46284	41966	1.15%	0.127%
62	9.820	2999	3007	3015	rBV3	32190	47297	1.30%	0.143%
63	9.891	3015	3029	3038	rVV5	157460	244733	6.72%	0.741%
64	9.988	3046	3059	3079	rVB	284725	431921	11.87%	1.309%
65	10.399	3164	3186	3196	rBV	1526910	2033820	55.88%	6.162%
66	10.827	3311	3318	3327	rVB7	33711	48423	1.33%	0.147%
67	10.921	3341	3347	3359	rVB5	44939	57545	1.58%	0.174%
68	11.011	3364	3375	3388	rVB3	64073	113900	3.13%	0.345%
69	11.115	3400	3407	3412	rBV	197524	222593	6.12%	0.674%
70	11.144	3412	3416	3427	rVB	97415	117913	3.24%	0.357%
71	11.222	3432	3440	3448	rVB2	112529	132149	3.63%	0.400%
72	11.358	3477	3482	3494	rVB3	78566	91310	2.51%	0.277%
73	11.555	3536	3543	3555	rVB	322630	367152	10.09%	1.112%
74	11.772	3598	3610	3622	rVB4	131916	193325	5.31%	0.586%
75	11.898	3642	3649	3656	rBV3	83625	89220	2.45%	0.270%
76	12.037	3684	3692	3695	rBV4	37695	49138	1.35%	0.149%

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-DUP-1-3262025

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 3

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 0

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

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

77	12.060	3695	3699	3706	rVV5	69835	80502	2.21%	0.244%
78	12.108	3706	3714	3721	rVB6	51384	71295	1.96%	0.216%
79	12.244	3749	3756	3763	rVB4	97934	108482	2.98%	0.329%
80	12.422	3806	3811	3817	rVB6	49643	50964	1.40%	0.154%
81	12.455	3817	3821	3828	rBV3	45084	44196	1.21%	0.134%
82	12.526	3837	3843	3851	rBV6	51713	83298	2.29%	0.252%
83	12.562	3851	3854	3862	rVB5	45782	41482	1.14%	0.126%
84	12.607	3862	3868	3878	rBV3	52421	69110	1.90%	0.209%
85	12.688	3878	3893	3900	rBV8	45345	87842	2.41%	0.266%
86	12.843	3935	3941	3948	rBV	191230	175063	4.81%	0.530%
87	12.934	3961	3969	3975	rBV3	33822	42673	1.17%	0.129%
88	12.969	3975	3980	3986	rVV3	51286	53935	1.48%	0.163%
89	13.018	3988	3995	4007	rVB4	65205	93140	2.56%	0.282%
90	13.244	4060	4065	4070	rBV3	36810	44309	1.22%	0.134%
91	13.348	4091	4097	4107	rBV7	56771	95163	2.61%	0.288%
92	13.403	4107	4114	4120	rVB4	84431	98971	2.72%	0.300%
93	13.442	4120	4126	4130	rBV4	48116	54371	1.49%	0.165%
94	13.529	4148	4153	4158	rBV	73294	71214	1.96%	0.216%
95	13.678	4192	4199	4208	rBV8	52378	83773	2.30%	0.254%
96	13.743	4210	4219	4225	rBV	238195	230807	6.34%	0.699%
97	13.847	4243	4251	4255	rBV6	40056	49597	1.36%	0.150%
98	13.914	4269	4272	4278	rVB7	47163	43830	1.20%	0.133%
99	13.999	4287	4298	4306	rBV7	34589	55192	1.52%	0.167%
100	14.112	4326	4333	4338	rBV9	46776	64226	1.76%	0.195%
101	14.190	4348	4357	4366	rBV9	39847	67515	1.85%	0.205%
102	14.251	4366	4376	4389	rVV8	92537	196084	5.39%	0.594%
103	14.319	4392	4397	4403	rVB7	47209	46980	1.29%	0.142%
104	14.355	4403	4408	4415	rBV4	74176	83593	2.30%	0.253%
105	14.471	4433	4444	4450	rBV5	72451	111487	3.06%	0.338%
106	14.536	4459	4464	4475	rVB	265829	274811	7.55%	0.833%
107	14.682	4501	4509	4519	rBV8	79977	127360	3.50%	0.386%
108	14.915	4574	4581	4586	rBV5	49663	51543	1.42%	0.156%
109	15.125	4641	4646	4653	rVB3	64139	66374	1.82%	0.201%
110	15.258	4682	4687	4696	rVB	166979	153187	4.21%	0.464%

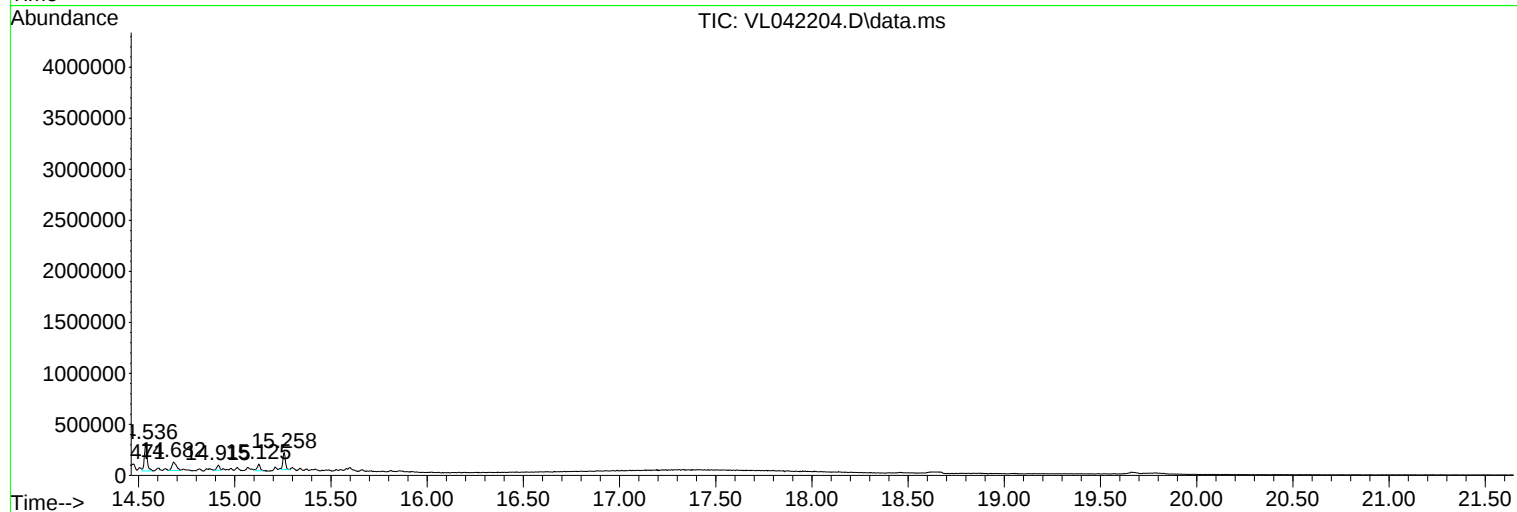
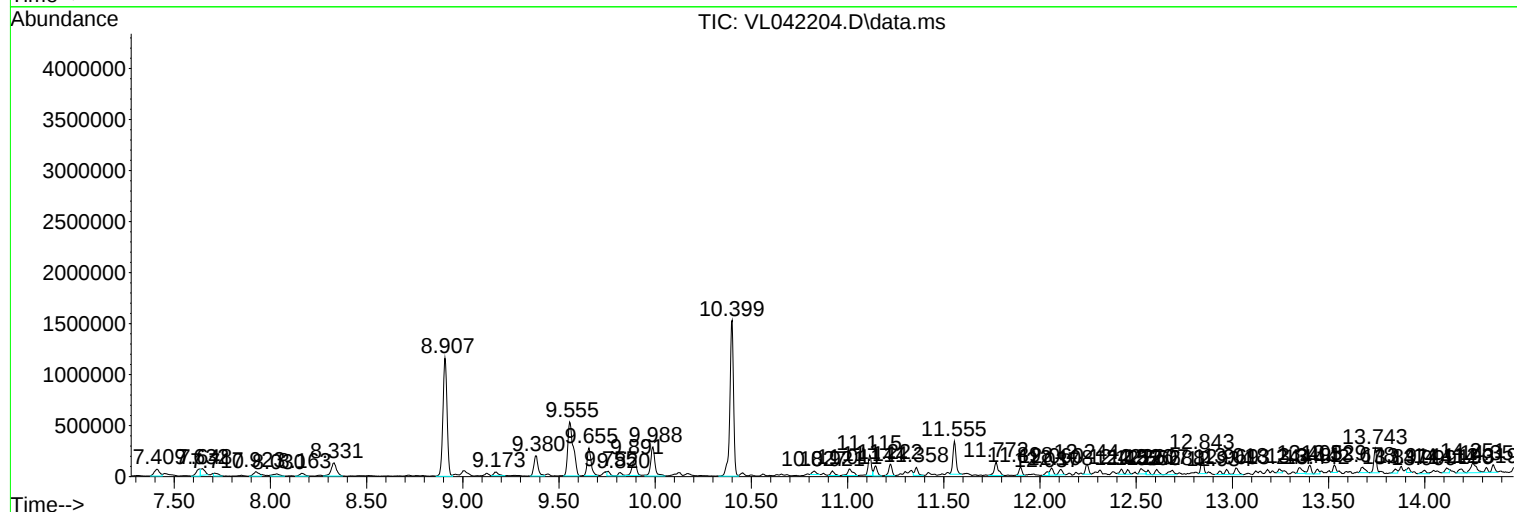
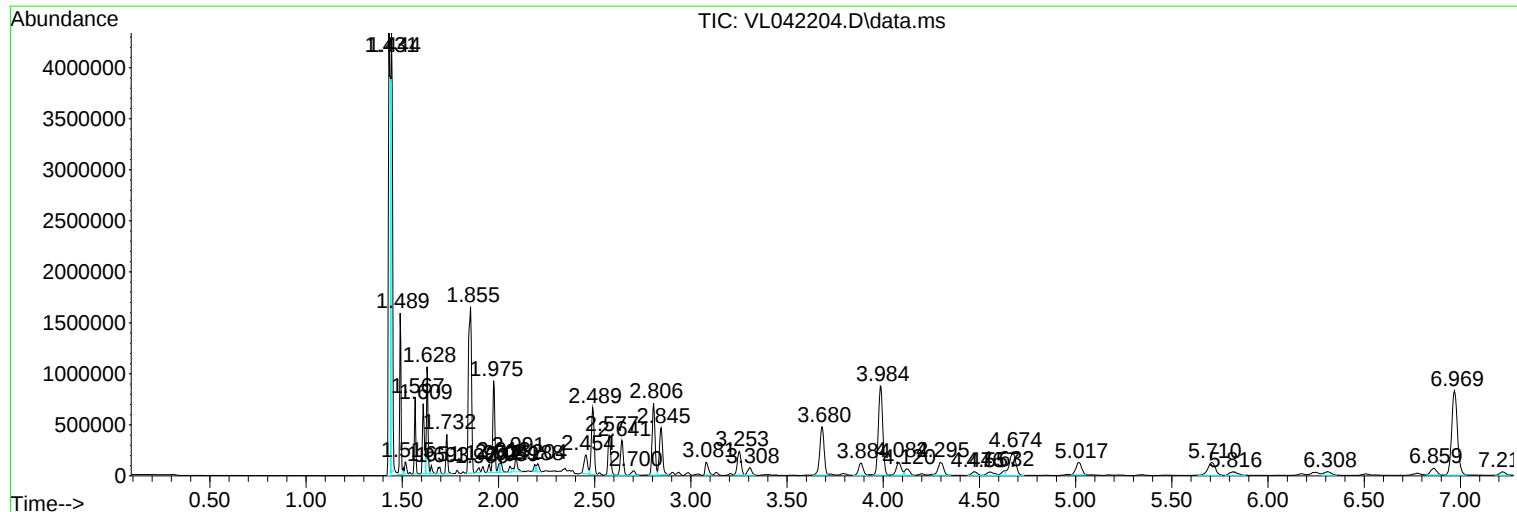
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
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Instrument :
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ClientSampleId :
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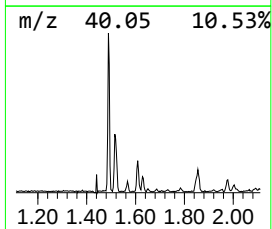
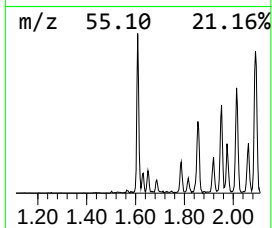
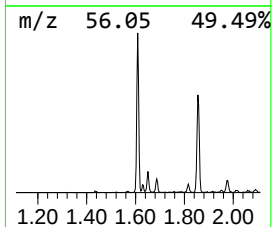
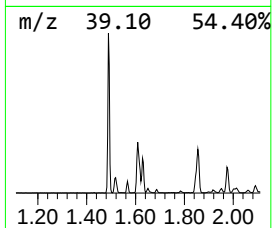
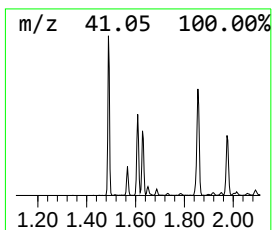
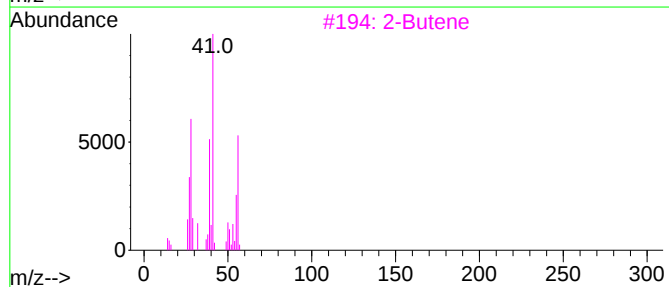
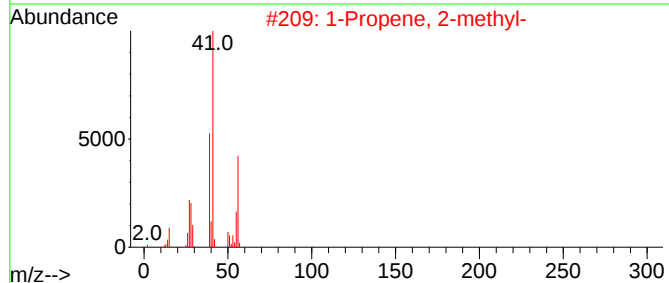
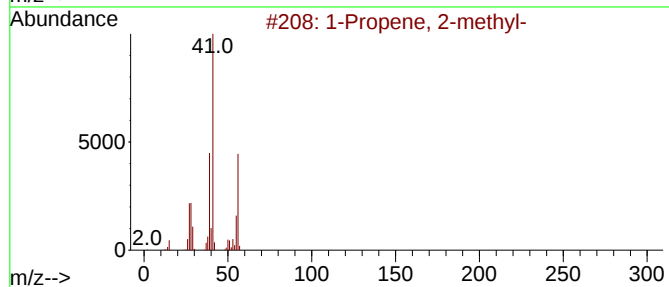
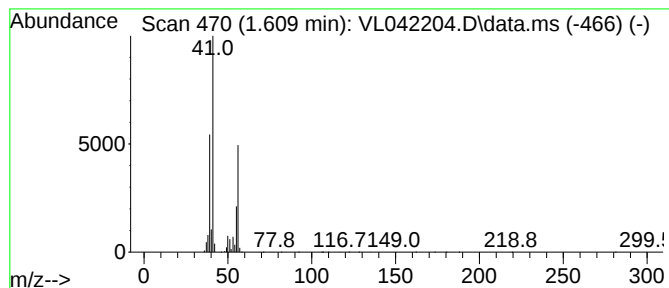
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 2 1-Propene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.609	6.82 ppbv	491921	Bromochloromethane	2.806

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-		56	C4H8	000115-11-7	90
2	1-Propene, 2-methyl-		56	C4H8	000115-11-7	80
3	2-Butene		56	C4H8	000107-01-7	80
4	2-Butene		56	C4H8	000107-01-7	64
5	1-Propene, 2-methyl-		56	C4H8	000115-11-7	53



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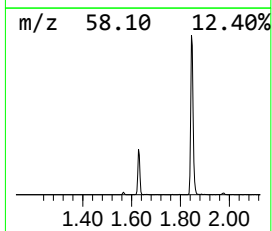
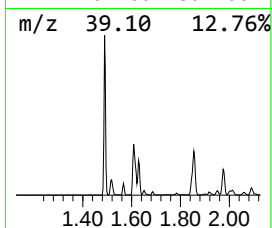
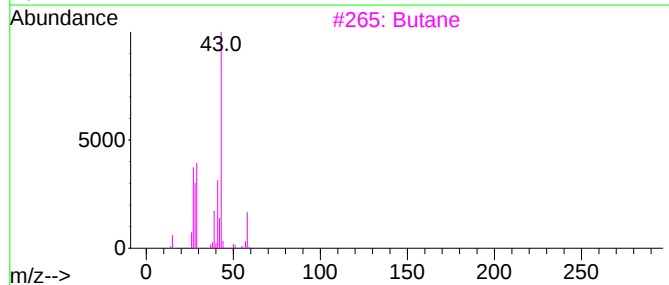
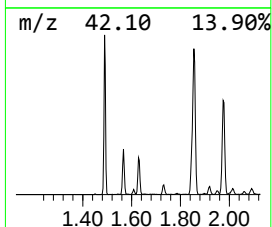
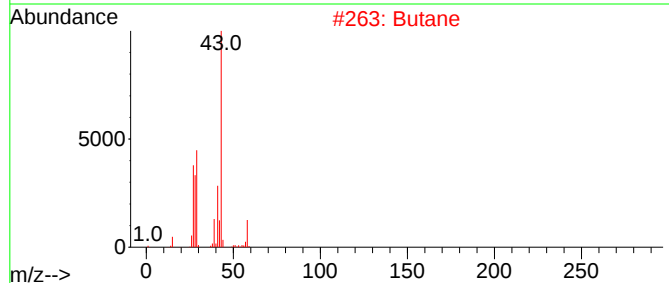
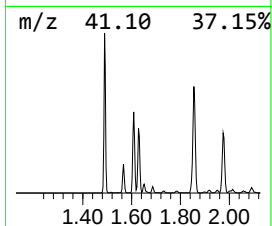
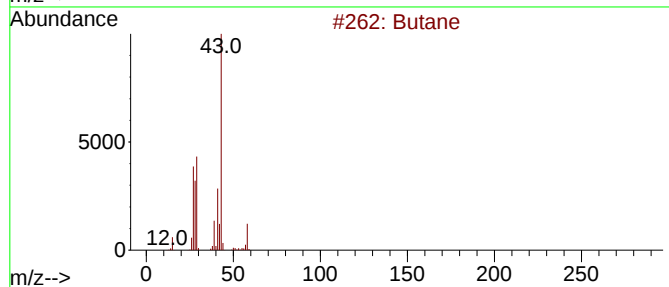
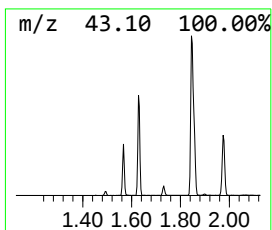
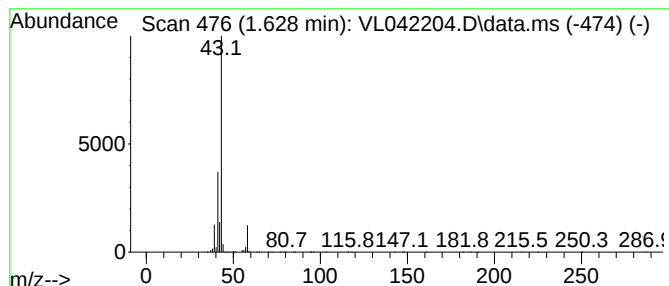
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 3 Butane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.628	8.33 ppbv	601157	Bromochloromethane	2.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane			58	C4H10	000106-97-8	86
2	Butane			58	C4H10	000106-97-8	86
3	Butane			58	C4H10	000106-97-8	72
4	Butane			58	C4H10	000106-97-8	52
5	Isobutane			58	C4H10	000075-28-5	9



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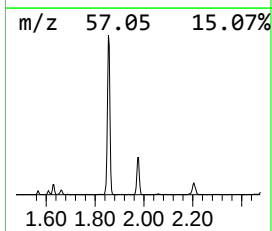
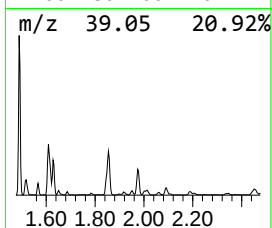
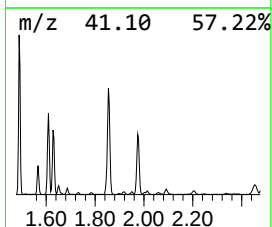
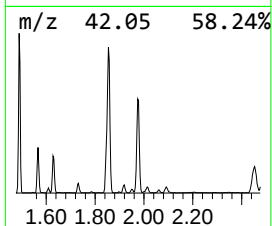
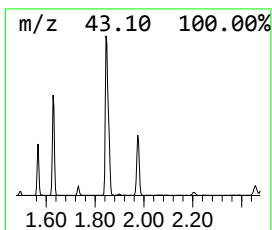
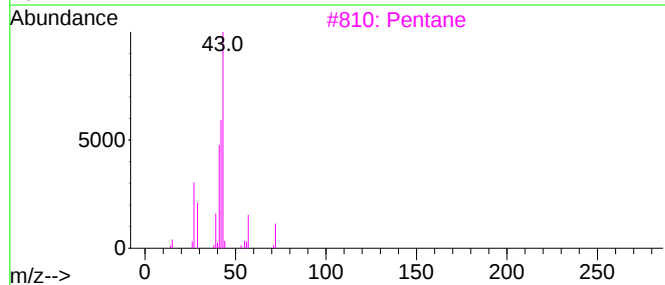
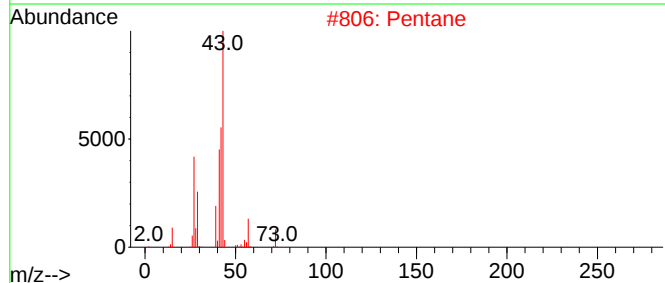
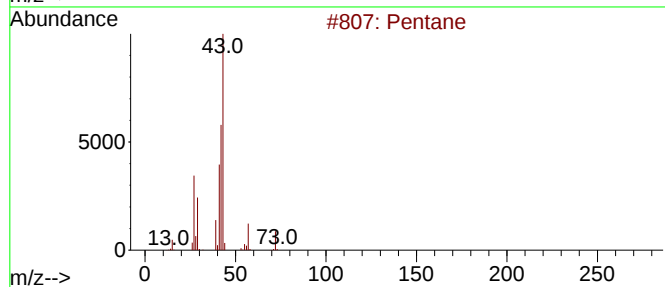
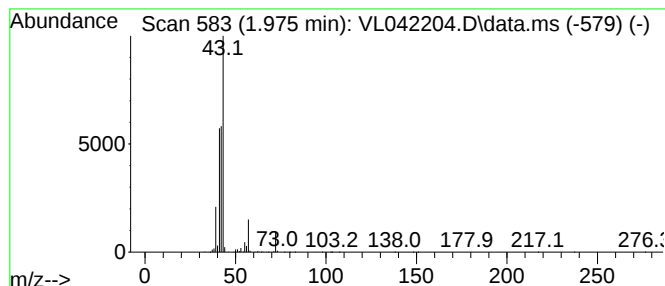
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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 4 Pentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.975	8.81 ppbv	635595	Bromochloromethane	2.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	86
2	Pentane			72	C5H12	000109-66-0	86
3	Pentane			72	C5H12	000109-66-0	80
4	Pentane			72	C5H12	000109-66-0	64
5	Butane, 2-methyl-			72	C5H12	000078-78-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042204.D
Acq On : 31 Mar 2025 11:06
Operator : SY/MD
Sample : Q1669-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

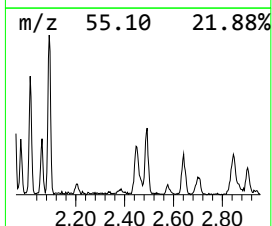
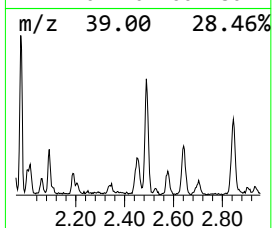
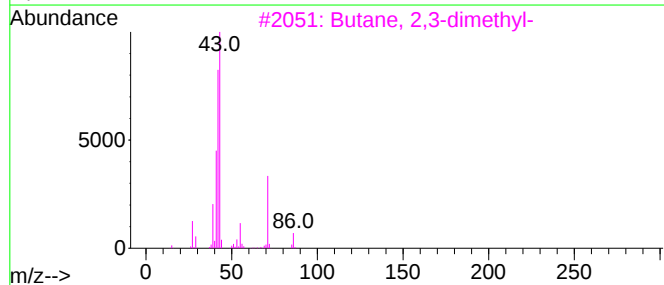
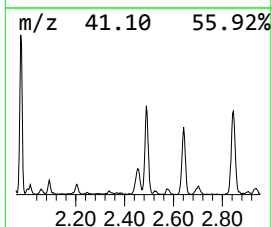
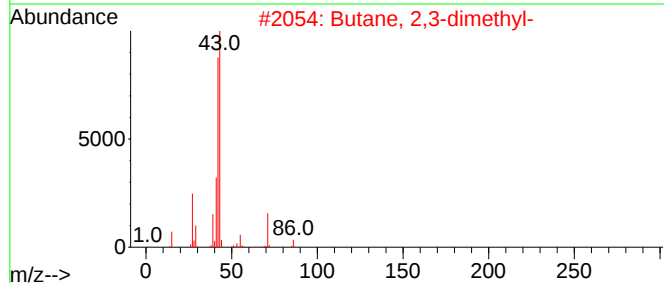
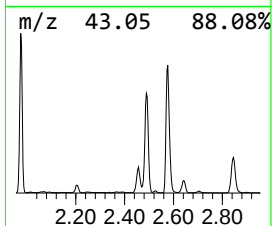
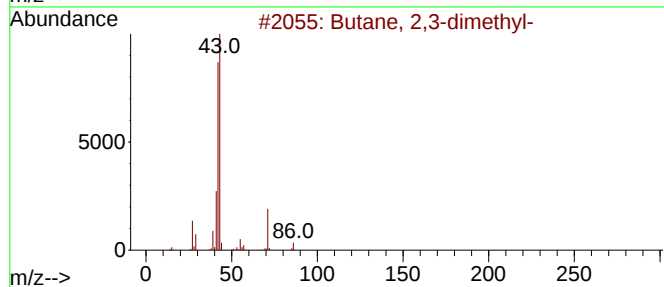
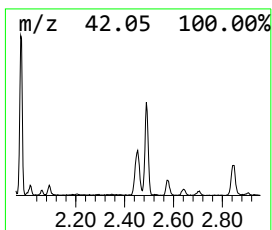
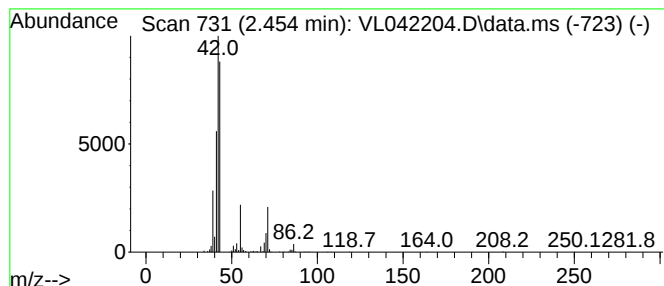
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 5 Butane, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.454	3.32 ppbv	239634	Bromochloromethane	2.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
2			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
3			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	56
4			Cyclobutane, methyl-	70	C5H10	000598-61-8	47
5			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042204.D
Acq On : 31 Mar 2025 11:06
Operator : SY/MD
Sample : Q1669-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

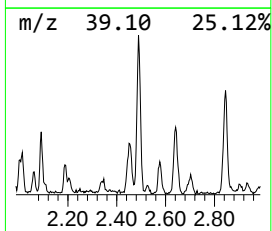
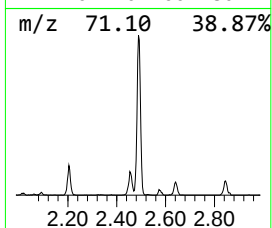
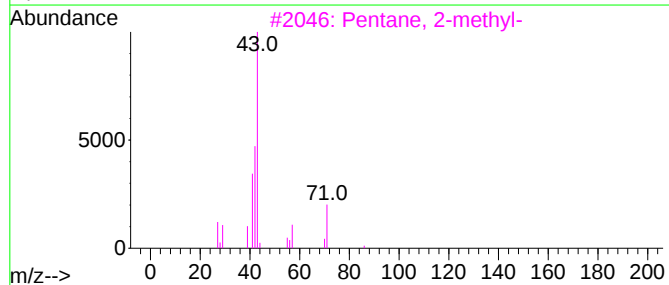
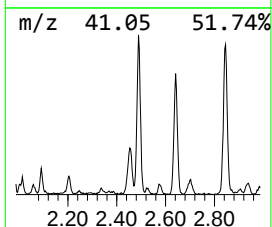
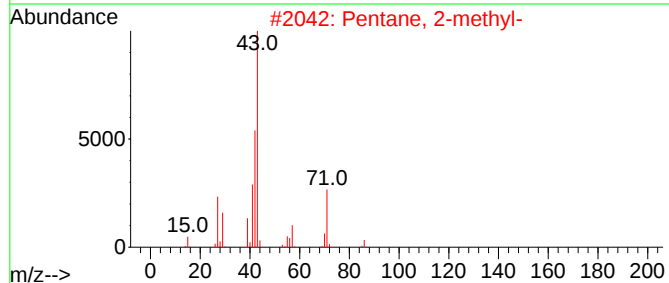
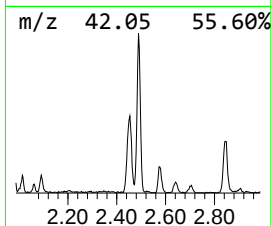
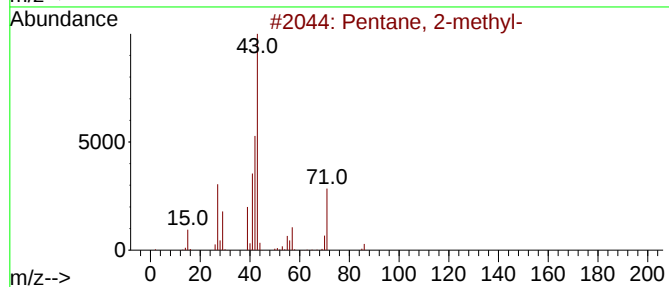
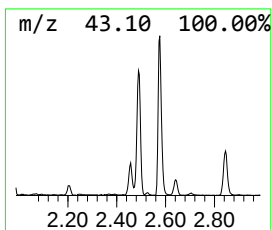
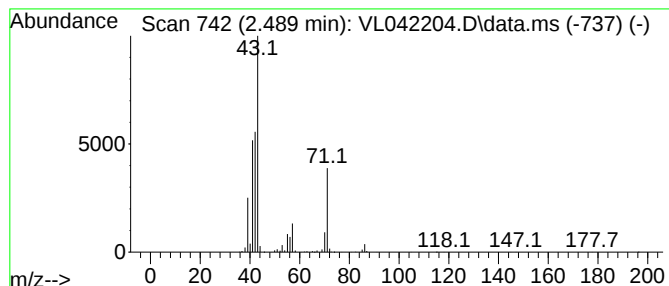
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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 6 Pentane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	8.89 ppbv	641542	Bromochloromethane	2.806

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3		Pentane, 2-methyl-	86	C6H14	000107-83-5	83
4		Pentane, 2-methyl-	86	C6H14	000107-83-5	64
5		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042204.D
Acq On : 31 Mar 2025 11:06
Operator : SY/MD
Sample : Q1669-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

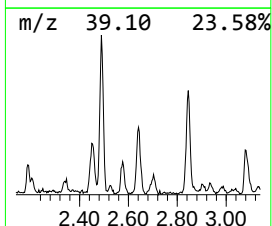
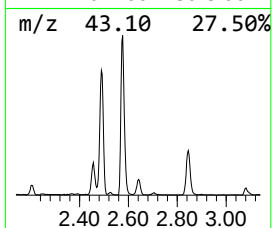
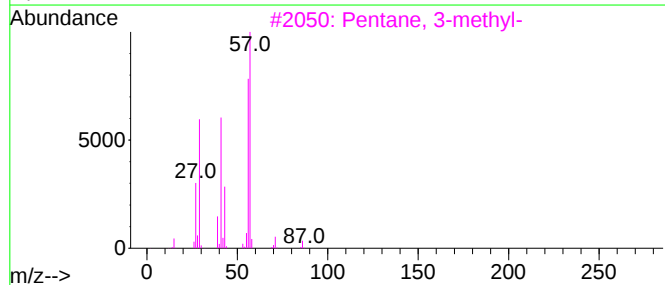
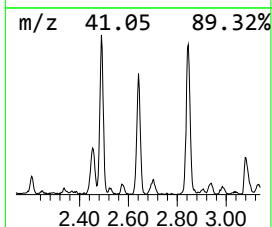
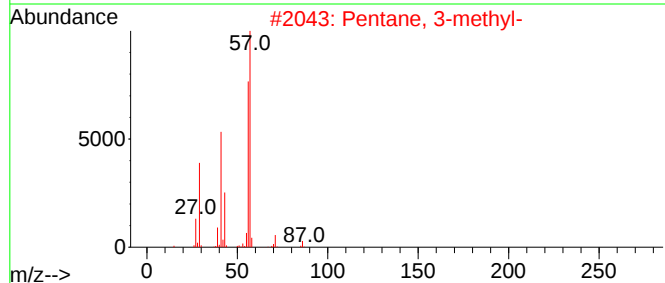
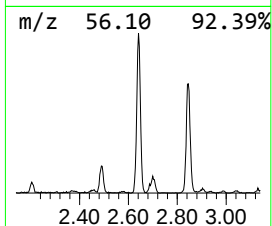
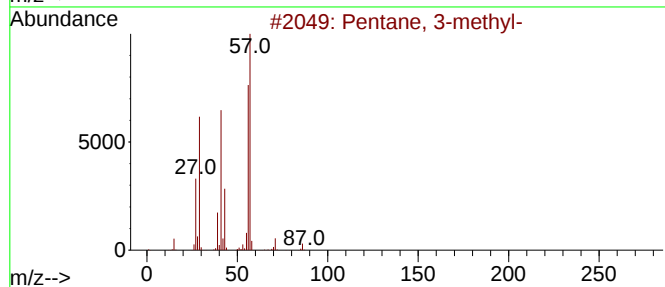
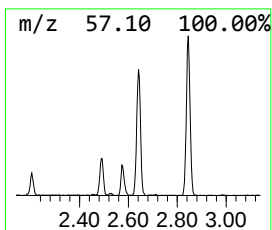
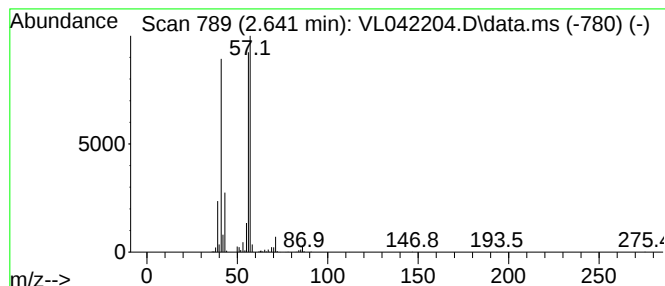
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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 7 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.641	4.94 ppbv	356245	Bromochloromethane	2.806

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	50
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042204.D
Acq On : 31 Mar 2025 11:06
Operator : SY/MD
Sample : Q1669-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

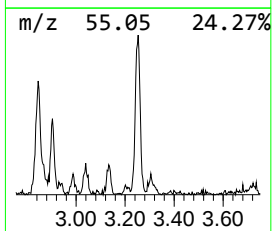
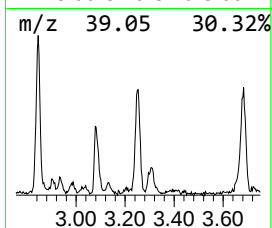
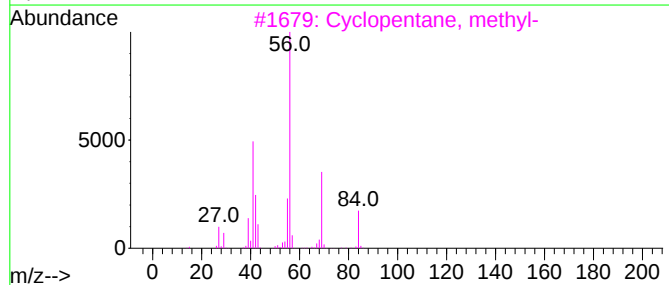
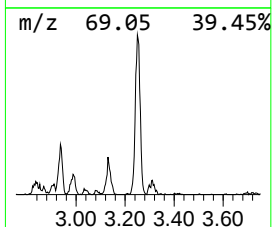
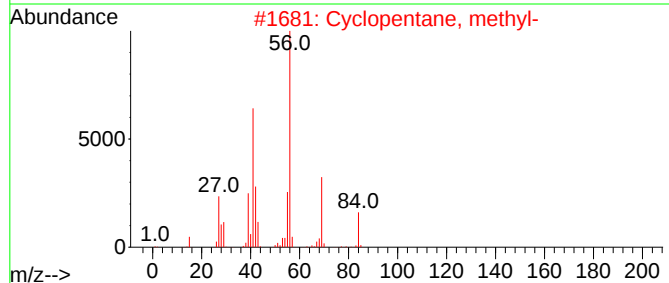
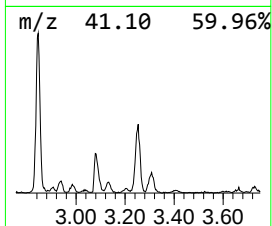
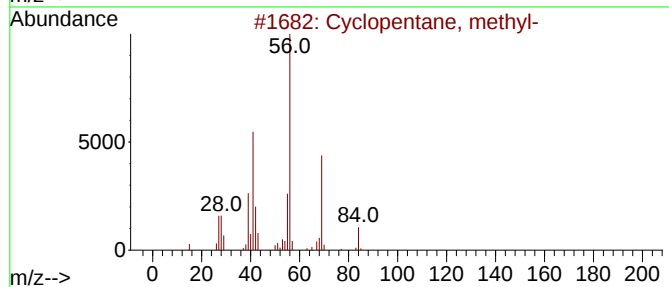
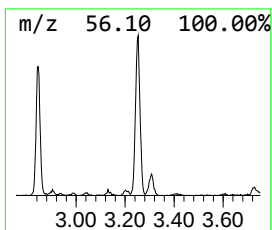
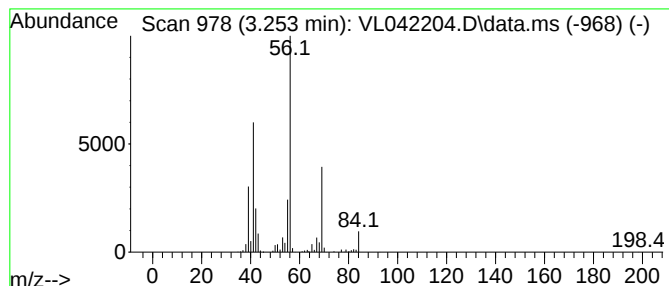
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 8 Cyclopentane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.253	4.34 ppbv	313025	Bromochloromethane	2.806

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	87
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042204.D
Acq On : 31 Mar 2025 11:06
Operator : SY/MD
Sample : Q1669-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

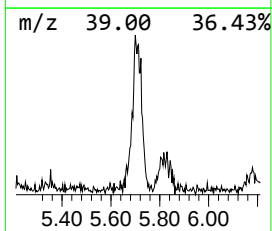
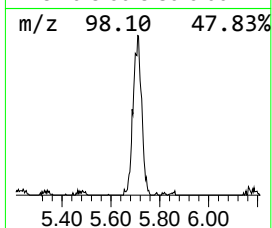
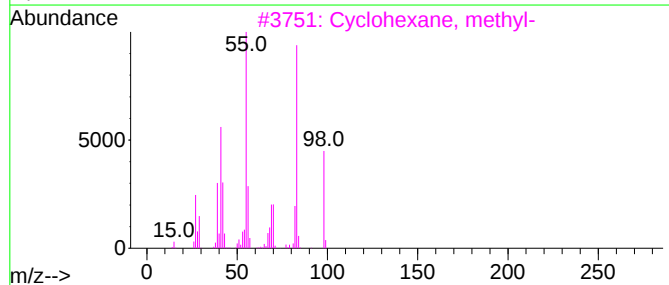
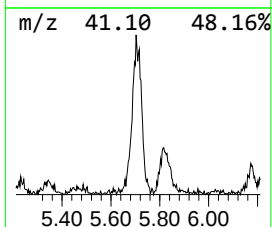
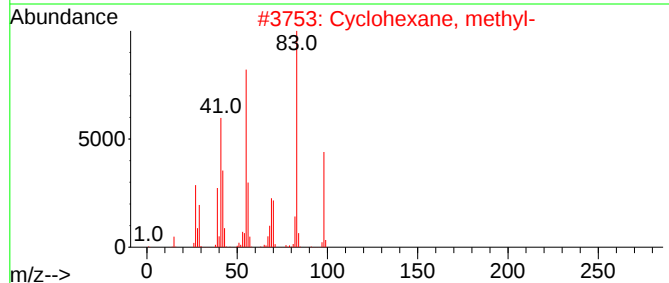
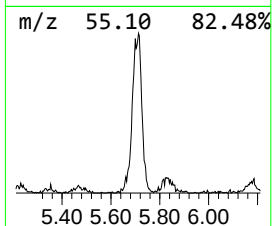
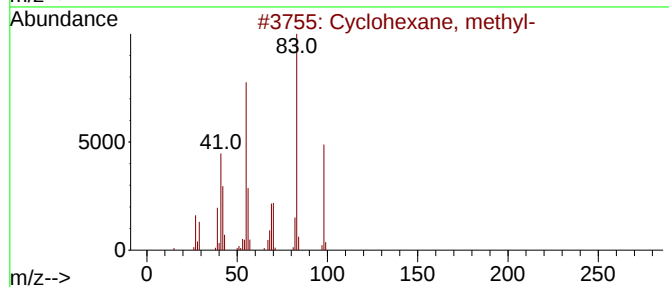
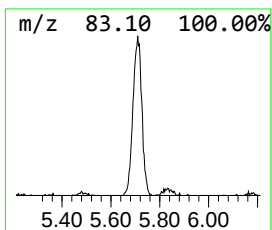
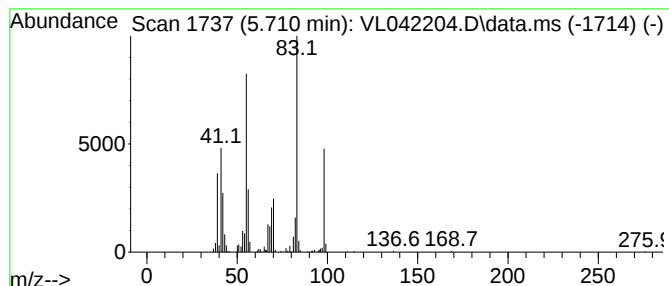
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 9 Cyclohexane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.710	2.50 ppbv	346825	1,4-Difluorobenzene	3.984

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, methyl-	98	C7H14	000108-87-2	97
2		Cyclohexane, methyl-	98	C7H14	000108-87-2	97
3		Cyclohexane, methyl-	98	C7H14	000108-87-2	97
4		Cyclohexane, methyl-	98	C7H14	000108-87-2	91
5		Cyclohexane, methyl-	98	C7H14	000108-87-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042204.D
Acq On : 31 Mar 2025 11:06
Operator : SY/MD
Sample : Q1669-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

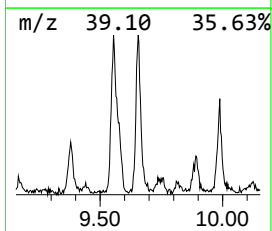
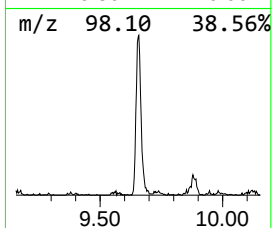
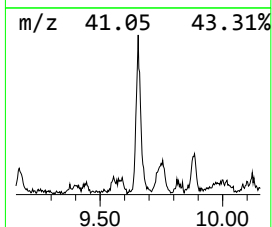
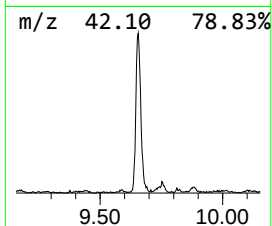
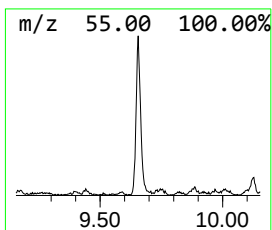
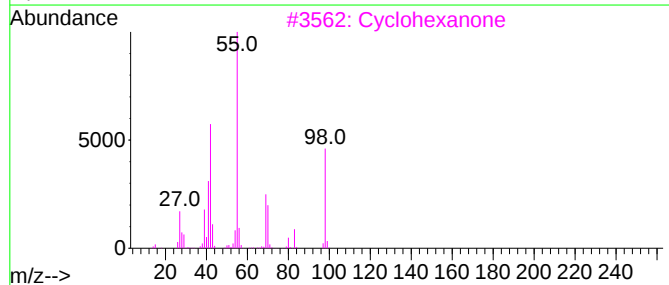
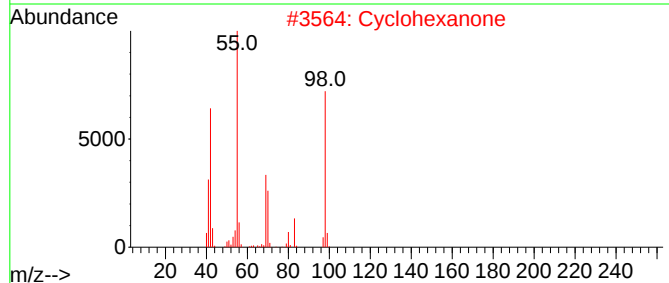
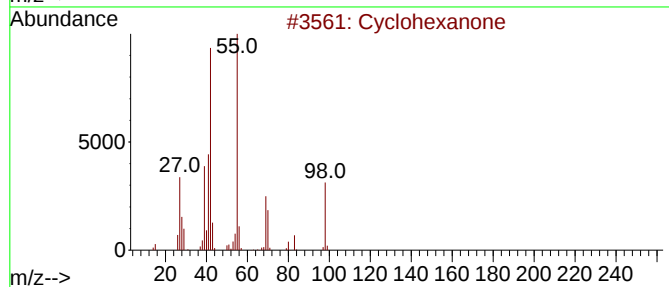
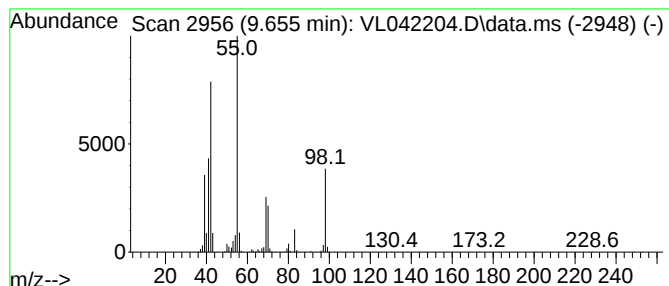
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 10 Cyclohexanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.655	2.22 ppbv	387770	Chlorobenzene-d5	8.907

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexanone	98	C6H10O	000108-94-1	95
2		Cyclohexanone	98	C6H10O	000108-94-1	94
3		Cyclohexanone	98	C6H10O	000108-94-1	91
4		Cyclohexanone	98	C6H10O	000108-94-1	91
5		Cyclohexanone	98	C6H10O	000108-94-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042204.D
Acq On : 31 Mar 2025 11:06
Operator : SY/MD
Sample : Q1669-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Propene, 2-me...	1.609	6.8	ppbv	491921	1	2.806	721653	10.0
Butane	1.628	8.3	ppbv	601157	1	2.806	721653	10.0
Pentane	1.975	8.8	ppbv	635595	1	2.806	721653	10.0
Butane, 2,3-dim...	2.454	3.3	ppbv	239634	1	2.806	721653	10.0
Pentane, 2-methyl-	2.489	8.9	ppbv	641542	1	2.806	721653	10.0
Pentane, 3-methyl-	2.641	4.9	ppbv	356245	1	2.806	721653	10.0
Cyclopentane, m...	3.253	4.3	ppbv	313025	1	2.806	721653	10.0
Cyclohexane, me...	5.710	2.5	ppbv	346825	2	3.984	1388990	10.0
Cyclohexanone	9.655	2.2	ppbv	387770	3	8.907	1743820	10.0